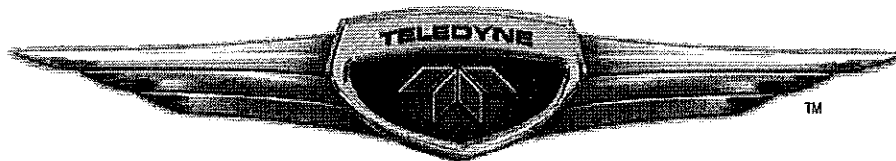




# PLATINUM ENGINE LOG BOOK



## 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: 11/14/2005

This engine model **TSI0550C9**, Serial No. **914376** was manufactured on **11/14/2005** 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


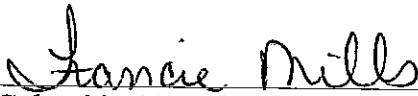
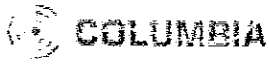
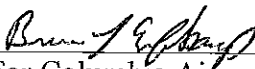
### **Service Information**

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  
Abbeville Industrial Park  
Suite 159  
Abbeville, AL 36310**

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.	
11-22-05	0	0	0	0	  This engine S/N 914376 installed in LC41-550FG S/N 41576   Columbia Aircraft Mfg.
3-22-06	5	0			  N2505J 3/22/06 Hobbs 5.0  Engine S/N 914376, installed new pushrod housing retaining springs on cylinders 2,4 & 6. All work done in accordance with TCM TSIO 550 Maintenance & Overhaul Manual.  A&P 563761720 Bruce Erfkamp   For Columbia Aircraft Manufacturing Corp

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 -



**COLUMBIA**<sup>TM</sup>

COLUMBIA AIRCRAFT MANUFACTURING CORPORATION  
22550 NELSON ROAD, BEND, OR 97701

N2505J Hobbs: 8.7  
Date: 5-5-2006  
Continental TSIO550C  
S/N: 914376

Performed engine setup in accordance with TCM Service Bulletin SID97-3C. This engine is in airworthy condition with respect to the work performed and is approved for return to service.

Edward A. Wakefield A&P 2836947

N2505J                      Model LC41-550FG                      S/N 41576                      WO# S004134  
DATE 5-10-2006                      HM 19.9

Drained oil, cut open and inspected oil filter, no defects noted. Serviced engine with 8 quarts of Exxon Elite SAE 20W-50 oil. Installed new CH48108-1 oil filter. Performed ground run up and satisfactory leak check. Work performed IAW the Columbia 400 maintenance manual, chapters 12-10-00 and 12-30-00. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are on file at this Repair Station. END

APPROVED BY: Sarah Burns                      INSPECTOR FOR

**LANDMARK**  
AVIATION FAA Repair Station PAI5208A Greensboro, NC

N2505J                      Model LC41-550FG                      S/N 41576                      WO# S004134  
DATE 5-10-2006                      HM 19.9

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APPROVED BY: Sarah Burns                      INSPECTOR FOR

**LANDMARK**  
AVIATION FAA Repair Station PAI5208A Greensboro, NC

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	→			

**Performance Aircraft Maintenance LLC**  
336-227-1668

Date	Tail Number	Serial Number	Hobbs	Make	Model
24 May 2006	N2505J	41576	38.9	Columbia	LC41-550FG

Changed oil serviced engine with EXXON 20/50 Elite. Installed CH48108-1 Filter. Inspected filter no defects found. END *[Signature]* Michael Hammill A&P 228966619

N2505J                      Model LC41                      S/N 41576                      WO# S004191  
June 12, 2006                      HM 68.7

Drained oil, cut open and inspected oil filter, no defects noted. Serviced engine with 8 quarts of Exxon Elite 20W50 oil. Installed new CH48108-1 oil filter. Performed ground run up and satisfactory leak check. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are on file at this Repair Station. END

APPROVED BY: *[Signature]* INSPECTOR FOR  
 **LANDMARK AVIATION** FAA Repair Station PAI5208A Greensboro, NC

Aero Industries, Inc  
5690 Clarkson Rd  
Richmond, VA 23250

Reg #: N2505J    Make: Columbia 400    S/N: 41576  
Date: 08-02-2006    WO: 46607    Hobbs: 143.5

Performed fuel flow set IAW TCM SID97-3C. Ops ck ok.

\*\*\* The maintenance described above was inspected and the aircraft /component is approved for return to service with respect to work performed \*\*\*


*[Signature]*  
Daniel B. Morris    CRS BIER466C

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 $\rightarrow$					

**Performance Aircraft Maintenance LLC**  
336-227-1668

Date	Tail Number	Serial Number	Hobbs	Make	Model
26 May 2006	N2505J	41576	38.9	Columbia	LC41-550FG

Installed ~~exchange~~ left battery sn. G02268311. Tested charging system. \_\_\_\_\_ END  
Michael Hammill Michael Hammill A&P 228966619

N2505J	Model LC41-550FG	S/N 41567	WO# S004222
July 14, 2006	HM 132.9		
<p>Drained oil, cut open and inspected oil filter, no defects noted. Serviced engine with 8 quarts of Exxon Elite 20W50 oil. Installed new CH48108-1 oil filter. Performed ground run up and satisfactory leak check. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are on file at this Repair Station. END</p>			
APPROVED BY: <u>Joe A. [Signature]</u>		INSPECTOR FOR	
 <b>LANDMARK AVIATION</b> FAA Repair Station PAI5208A Greensboro, NC			

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 →					

**Performance Aircraft Maintenance LLC**  
336-227-1668

Date	Tail Number	Serial Number	Hobbs	Make	Model
23 June 2006	N2505J	41576	93.3	Columbia	LC41-550FG

Changed oil and serviced engine with Exxon Elite 20W-50. Installed CH48108-1oil filter. Inspected old filter no defects found. END *Albert Tisdale A&P 11/30/07*

**SPECTRUM AVIATION** 4029 Airport Road, Suite 300 Lexington, KY 40510 859-255-1902

Engine Log Book

Date: August 18, 2006  
Reg No: N2505J Aircraft: Columbia 400 Serial No: 41576  
AF Total Time: 168.4 Hobbs: 168.4

1. Serviced engine with 8 quarts Aeroshell 15W50 oil and new CH48108-1 filter. Cut open old filter and inspected. No particles found.
2. Cleaned #1 fuel injector. Torqued and leak checked.
3. Aircraft ground ran and operationally checks good. No leaks found.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 8-18-06 Signed *[Signature]*  
AP 3020594

**Performance Aircraft Maintenance LLC**  
336-227-1668

Date	Tail Number	Serial Number	Hobbs	Make	Model
18 Oct 2006	N2505J	41576	199.2	Columbia	LC41-550FG

Performed annual inspection on TSIO 550C SN: 914376. Engine compression: 1) 80/80 2) 76/80 3) 74/80 4) 80/80 5) 80/80 6) 78/80. Pass-Fail pretest was 44/80. Serviced engine with Exxon Elite 20W-50. Installed CH48108-1 oil filter and inspected old filter, no defects found. Cleaned fuel injectors, next injector cleaning at 500 hrs. Cleaned corrosion on left and right mag pressurization plugs. Ground run with no faults found. Engine found to be in airworthy condition. end

Michael Hammill  
IA 22896619 *[Signature]*

Tail N2505J Date 1/18/07 Hours 242.6

CHANGED OIL AND FILTER. ADDED 8QTS.  
OF EXXON ELITE 20W-50. RUN ENGINE  
AND CHECK FOR LEAKS

*[Signature]*  
Albert A. Angoluan 2857040 A&P

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 $\longrightarrow$					

## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Columbia 400                      s/n 41576                      N2505J

Continental TSIO-550-C(9)                      s/n 914376

3-16-07 Hobbs:262.3hrs. AFTT:262.3hrs. Oil drained, sample taken. Filter removed and inspected, no contaminants found. New filter installed and engine serviced to capacity with Exxon Elite 20W50 oil. Complied with TCM SID97-3C. Engine ran and leak checked satisfactory.

*[Signature]*  
Bryan M-Wood A&P3216290

Tail N2505J Date 5/4/07 Hours 288.1

Changed oil and filter. Serviced engine with 8 qts Exxon Elite 20W-50. Ran engine, no leaks noted.

*[Signature]* Chris Whytal 590099943 A&P  
Switlik Aviation Maintenance Inc Fort Myers, FL 239-936-3666

Tail 2505J Date 6/22/07 Hours 305.6

Replaced starter adapter p/n 642087-1A2 w/p P36525. Changed oil & filter, Exxon Elite 20-50. Run up normal.

*[Signature]* John A Richardson 262536133 A&P  
Switlik Aviation Maintenance Inc Fort Myer, FL 239-936-3666

Tail N2505J Date 8/30/07 Hours 352.5

Changed oil and filter. Serviced engine with 8 quarts Exxon Elite 20W50. Ran engine, no leaks noted.

*[Signature]* Chris Whytal 590099943 A&P  
Switlik Aviation Maintenance Inc Fort Myers, FL 239-936-3666





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

Brought Forward —



AIR ORLANDO MAINTENANCE, INC.

**Date: 10-15-2008**

**Make: Cessna Model: LC41-550FG S/N: 41576 Hobbs: 518.3**

Removed left turbocharger s/n IHL00002 and installed overhauled turbocharger p/n 646677 s/n RBR0118 IAW Kelly Aerospace SB 23. Run-up and leak check normal. Changed oil and filter. Cut open and inspected oil filter, no defects noted at this time. Installed new CH48109-1 oil filter and serviced sump with 8qts. Exxon Elite 20W50. Run-up and leak check normal. Tightened air conditioning compressor belt.—END—

*The aircraft listed above has been inspected and repaired IAW manufacturer's maintenance manuals and current FAA regulations and is approved for return to service.*

Jeff Huddleston AP2828753



AIR ORLANDO MAINTENANCE, INC.

**Date: 10-23-2008**

**Make: Continental Model: TSIO 550C S/N: 914376**

**Hobbs: 523.4 TTE: 523.4**

Complied with Annual / 100 Hr Inspection per checklist IAW FAR 43 Appx D. Compression check: #1 60/80, #2 72/80, #3 64/80, #4 71/80, #5 55/80, #6 64/80. Master orifice 42. SB08-74-02 and 500 hr inspection complied with by Maxwell Magnetos. Researched AD's through biweekly 2008-20

*I certify this engine has been inspected in accordance with an Annual / 100 Hr inspection and was found to be in an airworthy condition.*

JA56263335



AIR ORLANDO MAINTENANCE, INC.

**Date: 4-22-2009**

**Make: Cessna Model: LC41-550FG S/N: 41576 Hobbs: 565.0**

Changed oil and filter. Cut open and inspected oil filter, no abnormalities noted at this time. Installed new CH48109-1 filter. Serviced sump with 8qts. Exxon Elite 20w50. Run-up and leak check normal. Installed new air conditioning compressor belt p/n 653003-1.—END—

*The aircraft listed above has been inspected and repaired IAW manufacturer's maintenance manuals and current FAA regulations and is approved for return to service.*

Jeff Huddleston AP2828753



