



COLUMBIA™

COLUMBIA AIRCRAFT MANUFACTURING CORPORATION
2255D NELSON ROAD, BEND, OR 97701

N2505J
Columbia LC41-550FG
S/N: 41576

Lower Fuselage Color: Viper Steel Gray Code: BC36447

Stripe Color: Moonstone Code: BC35482

Pin Stripe Color: Black Code: BC17038

White Color Code: BC2185

Interior Color: Gray



AIRFRAME MAINTENANCE RECORDS

Log No. A

Aircraft Registration No. N2505J

Aircraft Mfg. Columbia Aircraft Mfg. Model LC41-550F4 Serial No. 41576

Engine Mfg. Teledyne Continental Model TS10550C(9) Serial No. 914376
Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. Hartzell Model HC-H34F-1RF
F7693DF Serial No. LX142B
Hub Design No. _____ Hub Serial No. A76522B
Blade Design No. _____ Blade Serial No's. K24107
K24110
K24108

Propeller Mfg. _____ Model _____ Serial No. _____
Hub Design No. _____ Hub Serial No. _____
Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<div data-bbox="379 310 508 436" style="display: inline-block; vertical-align: middle;"> </div> <div data-bbox="525 336 971 472" style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p>COLUMBIA™ COLUMBIA AIRCRAFT MANUFACTURING CORPORATION 22550 NELSON ROAD, BEND, OR 97701</p> </div> <div data-bbox="1032 315 1321 462" style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <p>N2505J Hobbs: 8.7 Date: 5-5-2006 Lancair LC41-550FG S/N: 41576</p> </div> <p data-bbox="355 493 1428 609" style="margin-top: 20px;">Adjusted aileron servo tab. All work performed in accordance with Columbia 400 Airplane Maintenance Manual. This aircraft is in airworthy condition with respect to the work performed and is approved for return to service.</p> <div data-bbox="346 546 768 693" style="display: inline-block; vertical-align: middle; margin-top: 10px;"> </div> <div data-bbox="842 640 1329 682" style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p>Edward A. Wakefield A&P 2836947</p> </div>
			<p>Aero Industries, Inc 5690 Clarkson Rd Richmond, VA 23250</p>
			<p>Reg #: N2505J Make: Columbia 400 S/N: 41576</p>
			<p>Date: 08-02-2006 WO: 46607 Hobbs: 143.5</p>
			<p>Repaired and painted small chips below RH stall strip and near wing cuff. Repaired ship at RH nostril. Replaced RH side Wemac valve. Lubed pilot side door handle. Ops ck ok. Serviced tire pressures per MM. Sealed pilot side seal at top center. Ops/leak ck ok. Lubed pilot side seat tracks. Lubed baggage door lock asy, adj lever, ops ck ok. Replaced LH/RH wing leading edge tape and turbulator tape and hor stab zig-zag tape. Done IAW Columbia MM. Removed and replaced flap up limit switch with new p/n DC1C-A1RB. Ops ck ok.</p>
			<p>*** The maintenance described above was inspected and the aircraft /component is approved for return to service with respect to work performed ***</p>
			<div data-bbox="528 1491 1007 1606" style="display: inline-block; vertical-align: middle;"> </div> <div data-bbox="768 1564 933 1606" style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p>CRS BIER466C</p> </div>

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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 per 400 inspection checklist. Repaired glare shield light harness. Replaced door seal. Replaced right alternator with factory new. Fastened vent hose under instrument panel. Tightened right brake line in avionics bay. Tied up wiring under instrument panel. Replaced Air intake filter for engine. Painted nose wheel fairing. Lubed speed brakes. Adjusted overhead light switch. Replaced CO detector. Replaced both main landing tires. Aircraft found to be in airworthy condition. Michael Hammill IA 228966619. END 

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

Complied with mandatory SB 06-006 I/A/W manufacturers instructions. This portion of the aircraft returned service.-----end-----

David Garvin
A&P 3033332



Southeast Aero Services Inc.

St Augustine, FL.


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

Columbia 400

s/n 41576

N2505J

3-16-07 Hobbs:262.3hrs. AFTT:262.3hrs. Completed SL06-012 Window Cosmetics, perimeter pilot/copilot windows. Complied with SB06-003 Aileron Mass Balance. Complied with SB06-005 Access Panel. Complied with SB07-001 Cabin Air Temp Sensor. Charged and installed new battery, right buss position. Adjusted tension on a/c compressor drive belt. Installed new lamp, left rear nav position. Installed seal, perimeter of oil access door. Torque check nose gear tow-bar attach blocks. Installed new click-bond assembly, right lower cowp firewall position. Systems check normal.


 Bryan M Wood A&P3216290

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<p>Southeast Aero Services Inc. St Augustine, FL. Phone (904) 824-1899/Fax (904) 824-6334 Columbia 400 s/n 41576 N2505J 3-16-07 Hobbs:262.3hrs Aircraft flight tested for return to service. Systems check normal. <i>Joseph J. Lopinto</i> Joseph J. Lopinto ATP, CFI-I#1670764</p>			
<p>Southeast Aero Services Inc. St Augustine, FL. Phone (904) 824-1899/Fax (904) 824-6334 Columbia 400 s/n 41576 N2505J 3-23-07 Hobbs:263.1hrs. Complied with SB07-002 Linear Bearing Inspection in accordance with contained instructions. No defects noted. <i>Bryan M. Wood</i> Bryan M Wood A&P3216290</p>			
<p>Tail <u>N2505J</u> Date <u>5/4/07</u> Hours <u>288.1</u> <u>Changed oil and filter. Serviced engine with 8qts Exxon Elite 20W-50. Pwa engine,</u> <u>No leaks noted.</u> <i>Chris Whytal</i> Chris Whytal 590099943 A&P</p>			
<p><i>Switlik Aviation Maintenance Inc</i> Fort Myers, FL 239-936-3666</p>			
<p>Southeast Aero Services Inc. St Augustine, FL. Phone (904) 824-1899/Fax (904) 824-6334 Columbia 400 s/n 41576 N2505J 5-21-07 Hobbs:294.7hrs. Complied with SB07-005 Battery Upgrade in accordance with contained instructions. S/n left-40183204, s/n right-40183066. Systems opps checked normal, weight and balance revised to reflect change. <i>Bryan M. Wood</i> Bryan M Wood A&P3216290</p>			

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			Tail <u>N2505J</u> Date <u>8/31/07</u> Hours <u>352.5</u>
			<u>Replaced R/H and L/H Main landing gear tires. Replaced L/H brake lining so</u>
			 Chris Whytal 590099943 A&P
			Switlik Aviation Maintenance Inc Fort Myers, FL 239-936-3666

Southeast Aero Services Inc.

St Augustine, FL.

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

Columbia 400

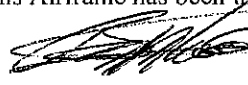
s/n:41576

N2505J

12-4-07 Hobbs:383.9hrs. AFTT:383.9hrs. Completed an Annual inspection in accordance with Chap.05-20-00 Columbia 400 inspection checklist this date. Opened access provisions and inspection panels. Completed general servicing as required and lubricated airframe components per lubrication schedule. Inspected and cleaned fuel system screens and filters. Fuel system and components checked for proper operation. No leaks noted. Complied with SI07-040 Right Wing Jack Point Insert Repair. Complied with SI07-039 Rudder Hinge Doubler/Vertical Closeout Repair. Complied with SL06-012 Window Cosmetics to pilot/copilot doors and windshield perimeter. Complied with SL07-006 Baffle Improvement. Complied with SL07-008B FQIS Current Increase. Complied with SB06-009 Elevator Mass Balance. Complied with SB07-007 Pitot Moisture Drain. Complied with SB07-008 G-1000 Rack Wiring. Complied with SB07-009 Rear Seat Bushing/Clip. Complied with SB07-012A Fuel Calculator. Complied with Garmin SB0709 Rev.A Manual Reversion Mode Procedure. AD's checked thru Bi Weekly 2007-24 as follows: Complied with AD 2007-07-06 Control System per Columbia SB07-002. Repacked brake calipers, installed new piston insulator pads and bled brake system. Installed new brake discs and linings, complete.

Installed new main gear leg bushings, left/right positions. Installed new CO detector and replaced condenser bay seal with new. Installed new lamp, left rear Nav position. The following replaced with new components: pitot mast, left/right aileron bellcrank housings, elevator trim tab bracket and step courtesy lights. Repaired various paint erosion/cracks throughout airframe per Chap 51 Columbia 400 Maintenance Manual. Applied new wing leading edge tape, VG tape. ELT inspected in accordance with FAR 91-207(d) with satisfactory results. Battery expiration,9-2009. Closed inspection panels and access provisions. Systems opps checked normal.

I certify this Airframe has been inspected in accordance with an Annual inspection and determined to be in Airworthy condition at this time.



Bryan M Wood A&P3216290IA

Southeast Aero Services Inc.

St Augustine, FL.

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

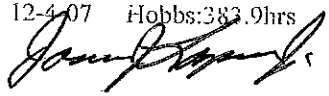
Columbia 400

s/n 41576


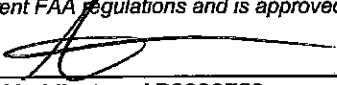

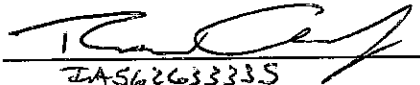


N2505J

12-4-07 Hobbs:383.9hrs

Aircraft flight tested for return to service. Systems check normal.



Joseph J. Lopinto ATP,CFI-I#1670764

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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 <small>AIR ORLANDO MAINTENANCE, INC.</small>			
Date: 9/19/2008	Make: Cessna	Model: LC41-550FG	S/N: 41576 Hobbs: 514.7
<p>Removed and replaced right alternator voltage regulator P/N R2530L. Removed S/N T19124 and installed S/N W19063. Run-up and operational check normal. Removed and replaced CO Detector P/N 452-201-010. Removed S/N 71929 and installed S/N 90118. Operational check normal.—END—</p>			
<p><i>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.</i></p>			
 Jeff Huddleston AP2828753			
 <small>AIR ORLANDO MAINTENANCE, INC.</small>			
Date: 10-23-2008			N2505J
Make: Cessna	Model: LC41-550FG	S/N: 41576	Hobbs: 523.4
TTAF: 523.4			
<p>Complied with Annual Inspection per Chptr 5-20-00 Cessna 400 checklist. Complied with ELT inspection per FAR 91.207 C & D. Battery next due replacement Aug 09. FAR 91.411 and 91.413 inspections due Dec 2009. Replaced nose tire and tube. Complied with AD2008-02-06 by visually inspecting servos per SB07-004B. All servo mod levels are 3 and above. No further action required. Replaced left and right main landing gear bushings per SB07-005C. Replaced left and right main gear foot to leg attachment bolts. Replaced right nav light bulb. Replaced taxi light. Repaired broken wire at fuel pressure switch. Replaced cabin air inlet SCAT tubes. Researched AD's through biweekly 2008-20.</p>			
<p><i>I certify this aircraft has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition</i></p>			
 JAS62633335			
 <small>AIR ORLANDO MAINTENANCE, INC.</small>			
Date: 4-22-2009			Hobbs: 565.0
Make: Cessna	Model: LC41-550FG	S/N: 41576	Hobbs: 565.0
<p>Complied with SB09-27-01 by removal of rudder and inspection of hinge and brackets, no defects noted at this time. Reinstalled rudder. Next due at Hobbs: 590.0. Complied with SB08-34-05 by update of G1000 system software version to 534.09. Serviced tires. Serviced air conditioning system with R-134a Freon. Replaced nose gear fairing heel plate. Installed new turbolator triangles as necessary. Serviced oxygen.—END—</p>			
<p><i>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.</i></p>			
 Jeff Huddleston AP2828753			

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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N2505J
TTAF: 599.90

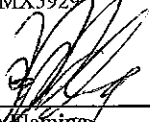
Columbia 400

S/N: 41576
LNDS: N/A

1. Removed and replaced left and right main wheel bearings P/N 13889 and races P/N 13826. Removed and replaced nose wheel bearings P/N 08125 and races P/N 08231. Installed wheel assemblies and ops checked good, all maintenance performed In Accordance With Cessna Columbia 400 Maintenance Manual as applicable.

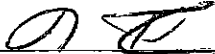
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The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the report are on file at this facility under Order No. MX5929


Jim Fleming
A&P 185406591

7/23/09
Date



12-28-09	599.9	599.9	I HAVE INSPECTED THIS AIRCRAFT
			AND HAS BEEN FOUND SAFE FOR THE
			INTENDED FLIGHT IAW SPECIAL FLIGHT
			PERMIT DATA DEC 21, 2009
			 3058327AP

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