# THE AIRCRAFT AIRCRAFT MAINTENANCE MAINTENANCE RECORDKEEPING RECORDKEEPING SYSTEM

AIRFRAME MAINTENANCE RECORDS



## AIRFRAME MAINTENANCE RECORDS

				Log No/\
Aircraft Regis	tration No.	1551F		
Columbia, Aircraft Mfg. Clircraft Mfg.			Serial No.	41721 AS OF 6CT 2012 Hobbs 1509.8 S/N 1006767
Engine Mfg. Continental	Model TS10	550C(13)	Serial No.	914566
Engine Mfg.				
Propeller Mfg. Hartzell				
Hub Design No		Hub Serial No	A842	718
Blade Design No.		Blade Serial No	's. <u>K48</u>	500 501 -
		2, 2 0 XX 20	K48	504
Propeller Mfg	Model		Serial No.	
Hub Design No		Hub Serial No	0	
Blade Design No		Blade Serial	No's	

(All applicable information must be filled in)



### AEROTECH PUBLICATIONS INC.

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TOTAL brought forward from previous page  AC Model LC41-550FG Registration # N 1551F Serial Number 41721  I FIND THAT THE ABOVE AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATE REQUISITED AND HAVE ISSUED A STANDARD AIRWORTHINESS CERTIFICATE, (FAA FORM 8100-2).  DATED APPL, 10 120-7  THE NEXT INSPECTION IS DUE April 2008. Signed Aaron Kathman ODARF636210MM  N1551F Hobbs: 3.4 Date: 4-13-2007 Columbia LC41-550FG S/N: 41721  Complied with Airworthiness Directive 2007-07-06 and Columbia Service Bulletin SB-07-002, Linear Bearing Inspection, dated March 14, 2007, by installation of inspection holes in left and right wings and visually inspecting aileron and elevator linear bearings. Next inspection due April 2008. Installed Baggage Area Accessories Holder, LCE Fuel Selector Knob, Cupholder Assemblies, GIFD Instrument Panel Overlay, Left LCE Grip Plate and Right LCE Grip Plate in accordance with Columbia Service letter SL-06-016A, LCE Interior, dated December 8, 2006. This aircraft is in airworthy condition with respect to the work performed and is approved for return to service.  Edward A. Wakefield A&P 2836947  SUB-TOTAL this page	DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
AC Model LC41-550FG Registration # N 1551F Serial Number 41721  I FIND THAT THE ABOVE AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATE REQUESTED AND HAVE ISSUED A STANDARD AIRWORTHINESS CERTIFICATE, (FAA FORM 8100-2),  DATED APR, I D. 1 2007.  THE NEXT INSPECTION IS DUE April 2008. Signed Aaron Kalhman ODARF636210NM  N1551F Hobbs: 3.4 Date: 4-13-2007 Columbia LC41-550FG SN: 41721  Complied with Airworthiness Direction of and Columbia Service Bulletin SB-07-002, Linear Bearing Inspection, dated March 14, 2007, by installation of inspection holes in left and right wings and visually inspecting aileron and elevator linear bearings. Next inspection due April 2008. Installed Baggage Area Accessories Holder, LCE Fuel Selector Knob, Cupholder Assemblies, GiFD Instrument Panel Overlay, Left LCE Grip Plate and Right LCE Grip Plate in accordance with Columbia Service letter SL-06-016A, LCE Interior, dated December 8, 2006. This aircraft is in airworthy condition with respect to the vort performed, and is approved for return to service.  Edward A. Wakefield A&P 2836947		3,4	TOTAL broug	ght forward from previous page
COLUMBIA AIRCRAFT MANUFACTURING CORPORATION  S/N: 41721  Complied with Airworthiness Directive 2007-07-06 and Columbia Service Bulletin SB-07-002, Linear Bearing Inspection, dated March 14, 2007, by installation of inspection holes in left and right wings and visually inspecting aileron and elevator linear bearings. Next inspection due April 2008. Installed Baggage Area Accessories Holder, LCE Fuel Selector Knob, Cupholder Assemblies, GIFD Instrument Panel Overlay, Left LCE Grip Plate and Right LCE Grip Plate in accordance with Columbia Service letter SL-06-016A, LCE Interior, dated December 8, 2006. This aircraft is in airworthy condition with respect to the work performed and is approved for return to service.  Edward A. Wakefield A&P 2836947	20/2007			A/C Model LC41-550FG  Registration # N 1551F  Serial Number 41721  I FIND THAT THE ABOVE AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATE REQUESTED AND HAVE ISSUED A STANDARD AIRWORTHINESS CERTIFICATE, (FAA FORM 8100-2),  DATED APR / 10 / 2007  THE NEXT INSPECTION IS DUE April 2008.  Signed Lawn Lathuran
SUB-TOTAL this page			Bulletin SI installation aileron and Baggage A Assemblie Grip Plate dated Deco	with Airworthiness Directive 2007-07-06 and Columbia Service 3-07-002, Linear Bearing Inspection, dated March 14, 2007, by a of inspection holes in left and right wings and visually inspecting delevator linear bearings. Next inspection due April 2008. Installed area Accessories Holder, LCE Fuel Selector Knob, Cupholder s, GIFD Instrument Panel Overlay, Left LCE Grip Plate and Right LCE in accordance with Columbia Service letter SL-06-016A, LCE Interior, cember 8, 2006. This aircraft is in airworthy condition with respect to the
SUB-TOTAL this page			The state of the s	Edward A. Wakefield A&P 2836947
				Edward A. Wakefield A&P 2836947

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		TOTAL brou	ught forward from previous page
SEPT 7 01	79.2	79.2	AERO INDUSTRIES, INC  5745 HUNTSMAN RD.  RICHMOND INTL AIRPORT  VA., 23250 -2411  ENTER IN: AIRFRAME PRECORD  C/W MSB SB-07-004, REV. A. C/W BY BORESCOPE INSPECTION - NO DEFECTS  NOTED AT THIS TIME. SERVO SN 66500966 AND SN 66500934 INSPECTED
*			The maintenance described above was inspected in accordance with current FAA regulations and the aircraft / component is approved for return to service, with respect to the work Performed details of this repair are on file at this repair facility under:  Work Order# 48561 Date. 9.7.07  CERTIFICATE. BIER466C SIGNATURE: Donable Refuser.
* · · · · · · · · · · · · · · · · · · ·	**************************************	2 -	CERTIFICATE . BIER466C SIGNATURE: Donate . Grand
			Date Tail # Serial # Hobbs Make Model 4 Jan 08 N1551F 41721 153.9 Columbia LC41-550FG  -C/W SB07-005 Main Gear Bushing Inspection. Replaced both bushings, PN: 32FB16Adjusted Aileron Stops for proper travelReplaced both brake insulators, PN: 068-01100 Shimend
			Date Tail # Serial # Hobbs Make Model 15 Feb 08 1551F 41721 196.4 Columbia LC41-550FG  -Replaced Lt Strobe Light, PN: 02-0250276-00. Operational check good.  David Garvin  A&P 430909064
		22.22	W. Comments of the comments of
7		SUB-TOTAL	this page

	TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		TOTAL brou	ight forward from previous page
		<i>p</i>	OFT OTTO ALM TENNINGE  AND CONTROL OF THE STATE OF THE ST
		r	336-227-1668 Date Tail # Serial # Hobbs Make Model
-			Jan 08 N1551F 41721 163.8 Columbia LC41-550FG 7 SL 07-005 Alternate Battery by installation on Concorde RG24-10,
		SNo	n: 40225579, 40225578, PN off: Gill G230S, SN off: G02323818,
	* -		23814. Updated weight and balanceend  David Garvin  A&P 3033332
			Dovid Devin
	N1551F		Model LC41-550FG S/N 41721 WO# M1825
	March 6, 2	800	HM 210.1
	repaired and	inspected in acc	m. The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was cordance with current Federal Aviation Regulations and is approved for return to service. END
	repaired and	inspected in acc	The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was cordance with current Federal Aviation Regulations and is approved for return to service. END  A&P 307556  LANDMARK A V I A T I O N Greensboro, NC
	per	inspected in acc	A&P 367556/ LANDMARK A V I A T I O N Greensboro, NC
	PCT Surlington	UNITED TAIL #	A&P 307556  LANDMARK A V I A T I O N Greensboro, NC  336-227-1668  Serial # Hobbs Make Model
	Date 1 May 08	OFFILE STATE OF THE STATE OF TH	A&P 307556  LANDMARK A V I A T I O N Greensboro, NC  336-227-1668
	Date 1 May 08 -Complete Checklists	Tail # N1551F	A&P 307556  LANDMARK A V I A T I O N Greensboro, NC  Serial # Hobbs Make Model 41721 227.9 Columbia LC41-550FG Annual Inspection IAW Manufactures Inspection ance Manuals.
	Date 1 May 08 -Complete Checklists -Replaced	Tail # N1551F and Mainten. Lt and Rt Aft	A&P 307556  LANDMARK A V I A T I O N Greensboro, NC  Serial # Hobbs Make Model 41721 227.9 Columbia LC41-550FG  Annual Inspection IAW Manufactures Inspection ance Manuals.  t Nav Light Bulbs, PN: 34-0428070-64.
	Date 1 May 08 -Complete Checklists -Replaced -Replaced	Tail # N1551F and Mainten. Lt and Rt Afrimssing Trian 2007-06-06 L.	A&P 307556  LANDMARK A V I A T I O N Greensboro, NC  Serial # Hobbs Make Model 41721 227.9 Columbia LC41-550FG Annual Inspection IAW Manufactures Inspection ance Manuals.
	Date I May 08 -Complete Checklists -Replaced -Replaced -C/W AD2 Next due N	Tail # N1551F and Mainten Lt and Rt Affimissing Trian 2007-06-06 L. May 2009.	A&P 367556  A&P 367556  LANDMARK A V I A T I O N Greensboro, NC  Serial # Hobbs Make Model 41721 227.9 Columbia LC41-550FG  Annual Inspection IAW Manufactures Inspection ance Manuals. t Nav Light Bulbs, PN: 34-0428070-64. Ingles on leading edge, PN: LC57400001. inear Bearing Inspection with no defects found.
	Date 1 May 08 -Complete Checklists -Replaced -C/W AD2 Next due 1 -Replaced	Tail # N1551F and Mainten Lt and Rt Affimissing Trian 2007-06-06 L. May 2009.	A&P 307556  LANDMARK A V I A T I O N Greensboro, NC  Serial # Hobbs Make Model 41721 227.9 Columbia LC41-550FG  Annual Inspection IAW Manufactures Inspection ance Manuals. It Nav Light Bulbs, PN: 34-0428070-64. Ingles on leading edge, PN: LC57400001.
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	Date 1 May 08 -Complete Checklists -Replaced -Replaced -C/W ADA Next due N -Replaced plyReplaced -Replaced	Tail # N1551F ed Airframe A and Mainten Lt and Rt Afi missing Trian 2007-06-06 L May 2009. Lt and Rt Ma Lt and Rt Bra Nose Tire, M	A&P 367586  LANDMARK A V I A T I O N Greensboro, NC  Serial # Hobbs Make Model LC41-550FG Annual Inspection IAW Manufactures Inspection ance Manuals. t Nav Light Bulbs, PN: 34-0428070-64. ngles on leading edge, PN: LC57400001. inear Bearing Inspection with no defects found.  A&P 367586  A&P 3668  A&P 367586  A&P 3668  A&P 367586  A&P 3668  A&P 367586  A&P 3668  A&P 3668  A&P 367586  A&P 3668  A&P 36
	Date 1 May 08 -Complete Checklists -Replaced -Replaced -C/W AD2 Next due N -Replaced plyReplaced -Replaced -C/W Ann	Tail # N1551F  and Mainten Lt and Rt Aff missing Trian 2007-06-06 L May 2009. Lt and Rt Bra Nose Tire, M ual Inspection	A&P 367566  LANDMARK A V I A T I O N Greensboro, NC  Serial # Hobbs Make Model LC41-550FG  LANDMARK LC41-550FG  LANDMARK A V I A T I O N Greensboro Model 41721 227.9 Columbia LC41-550FG  LINDMARK LC41-550FG  LINDMARK Model LC41-50FG  LINDMARK Model LC41-550FG  LIN
	Date I May 08 -Complete Checklists -Replaced -Replaced -Replaced plyReplaced -Replaced	Tail # N1551F and Mainten. Lt and Rt Aff missing Trian 2007-06-06 L. May 2009. Lt and Rt Bra Nose Tire, M ual Inspection ave been check	A&P 367586  LANDMARK A V I A T I O N Greensboro, NC  Serial # Hobbs Make Model LC41-550FG Annual Inspection IAW Manufactures Inspection ance Manuals.  t Nav Light Bulbs, PN: 34-0428070-64. Ingles on leading edge, PN: LC57400001. Inear Bearing Inspection with no defects found.  A&P 367586  A&P 3668  A&P 367586  A&P 3668  A&P 367586  A&P 3668  A&P 367586  A&P 3668  A&P 3668  A&P 367586  A&P 3668  A&P

TSN/TSO: N/A Work Order #: SRME35249  Landings: N/A A/C Ser #: 41721  Serving the World through  P.O. Box 35408 Greensboro, NC  Tel 800-334-2001 Fax 336-668-4  Log Book: Airframe Date: 11/5/2008 http://www.atlantic-aero.com  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  The Items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the rapproved for return to service Pertinent details of these repairs are on file at this repair station under Work Order Number SRME35249	
PROFESSIONAL AIR 63132 Powell Butte Hwy.  PROFESSIONAL AIR 63132 Powell Butte Hwy.  SHY 64 5414  PROFESSIONAL AIR 63132 Powell Butte Hwy.  SHY 64 5414  17-SEPT-201  17-SEPT-201  17-SEPT-201  17-SEPT-201  WO: 08-41726  WO: 08-41726  WO: 08-41726  Installed new air conditioning hose p/n 2136501-A. Charged air conditioning system. Replaced back up pump light p/n 34W-Replaced both aileren trim actuator connectors in right wing.  Professional Air  Professional Air  Professional Air  Professional Air  Professional Air  Professional Air  REPLACED TO BOTH AIR CONTROLL AIR CONTRO	
PROFESSIONAL AIR 63132 Powell Butte Hwy.  PROFESSIONAL AIR 63132 Powell Butte Hwy.  SHY 64 5414  PROFESSIONAL AIR 63132 Powell Butte Hwy.  SHY 64 5414  17-SEPT-201  17-SEPT-201  17-SEPT-201  17-SEPT-201  WIO: 08-41726  WIO: 08-41726  Installed new air conditioning hose p/n 2136501-A Charged air conditioning system. Replaced back up pump light p/n 34W-Replaced both aileren trim actuator connectors in right wing.  Professional Air  REPLACED  ARC Model: LC41-550FG  A/C Reg # N1551F  Nork Order #: SRME35249  A/C Ser #: 41721  A/C Ser #: 41721  PO Box 35408 Greensboro, NC  Tel 800-334-2001 Fax 336-6684  http://www.atlantic-aero.com  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  *Replaced manifold pressure transducer Printing the repairs around the approved for return to service Pertinent details of these repairs around file at this repair station under Work Order Number SRME35240	1
PROFESSIONAL AIR 63132 Powell Butte Hwy. Squ 64 5414  PROFESSIONAL AIR 63132 Powell Butte Hwy. Bend, Oregon 97701 (541) 388-001 17-SEPT-200 17-SEPT-20	
PROFESSIONAL AIR 63132 Powell Butte Hwy. Bend, Oregon 97701 (541) 388-001 N1551F Model: C-400 Sin: 41721 17-SEPT-201 Tach: 296.9 AFTT: 296.9 W/O: 08-41726 Installed new air conditioning hose p/n 2136501-A Charged air conditioning system. Replaced back up pump light p/n 34W-Replaced both aileron trim actuator connectors in right wing.  ASF2931121 RYan G. Foley Professional Air Professional Air Professional Air Professional Air Professional Air SINTSO NA A/C Reg # N1551F NA A/C Ser #: 41721  AC Model: LC41-550FG A/C Reg # N1551F NA A/C Ser #: 41721  AC Model: LC41-550FG A/C Reg # N1551F NA A/C Ser #: 41721  P.O. Box 35408 Greensboro, NC Tel 800-334-2001 Fax 336-668-4 http://www.atlantic-aero.com The Items identified above and or provided to the owner on a Work Summary were repaired and/or impected in accordance with current Federal Aviation Regulations and the capproved for return to service Pertinent details of these repairs aron file at this repair station under Work Order Number SRME35249	
PROFESSIONAL AIR 63132 Powell Butte Hwy. Bend, Oregon 97701 (541) 388-001 N1551F Model: C-400 S/N: 41721 17-SEPT-201 Tach: 296.9 AFTT: 296.9 W/O: 08-41726 Installed new air conditioning hose pin 2136501-A. Charged air conditioning system. Replaced back up pump light p/n 34W-Replaced both aileron trim actuator connectors in right wing.  Professional Air Professional Air Timed data works for point  PAINTED BY: WILLIAMS AIRCRAFT PAINTING BURNS.OR (SV1) 573-V223 N#: 1551F Date: 9 / N5 / 2006  A/C Reg #: N1551F Date: 9 / N5 / 2006  A/C Reg #: N1551F Date: 9 / N5 / 2006  A/C Reg #: N1551F Date: 11/5/2008  A/C Ser #: 41721  PO Box 35408 Greensboro, NC Tel 800-334-2001 Fax 336-668-4 http://www.atlantic-aero.com  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  The Items setentified above and or provided to the owner on a Work Summary were reparred and/or inspected in accordance with Cessna Columbia 400 Maintenance  The Items setentified above and or provided to the owner on a Work Summary were reparred and/or inspected in accordance with Cessna Columbia 400 Maintenance  The Items setentified above and or provided to the owner on a Work Summary were reparred and/or inspected in accordance with Cessna Columbia 400 Maintenance  The Items setentified above and or provided to the owner on a Work Summary were reparred and/or inspected in accordance with Cessna Columbia 400 Maintenance  The Items setentified above and or provided to the owner on a Work Summary were reparred and/or inspected in accordance with Cessna Columbia 400 Maintenance  The Items setentified above and or provided to the owner on a Work Summary were reparred and/or inspected in accordance with current Federal Aviation Regulations and the rapproved for return to service Perinent details of these reparrs are profile at this repair station under Work Orde	
N1551F Model: C-400 S/N: 41721 Tach: 296.9 AFTT: 296.9 W/O: 08-41726 Installed new air conditioning hose p/n 2136501-A. Charged air conditioning system. Replaced back up pump light p/n 34W-Replaced both aileron trim actuator connectors in right wing.  Ask 72931121 Exan G. Foley Professional Air Professional Air Professional Air Professional Air Professional Air  AC Model: LC41-550FG A/C Reg # N1551F Date: 9 / IS / 2008  A/C Model: LC41-550FG A/C Reg # N1551F Serving the World through Aircraft Time: 383.3 HM  P.O. Box 35408 Greensboro, NC. Tel 800-334-2001 Fax 336-6684 http://www.atlantic-aero-com- *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance.  The Items identified above and or provided to the owner on a Work Summary were repaired and or inspected in accordance with current Federal Aviation Regulations and the sapproved for return to service Pertinent details of these repairs are on file at this repair station under Work Order Number SRME35249	
A/C Model: LC41-550FG A/C Reg #: N1551F  Date: 9 / IS / 2006  A/C Ser #: 41721  A/C Ser #: 41721  A/C Book: Airframe  A/C Ser #: 41721  A/C Book: Airframe  Date: 11/5/2008  A/C Ser #: 41721  A/C Book: Airframe  Date: 11/5/2008  A/C Ser #: 41721  Areard that works for 10011  A/C Model: LC41-550FG A/C Reg #: N1551F  Date: 9 / IS / 2006  A/C Reg #: N1551F  Date: 11/5/2008  A/C Ser #: 41721  Areard that work order #: SRME35249  Areard Time: 383.3 HM  P.O. Box 35408 Greensboro, NC  Tel 800-334-2001 Fax 336-668-4  http://www.atlantic-aero.com  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  The Items identified above and/or provided to the owner on a Work Summary were reparted and/or inspected in accordance with current Federal Aviation Regulations and the rapproved for return to service Pertinent details of these repairs are on file at this repair station under Work Order Number SRME35249	08
A/C Model: LC41-550FG A/C Reg #: N1551F  Date: 9 / 15 / 2008  A/C Model: LC41-550FG A/C Reg #: N1551F  TSN/TSO: N/A Work Order #: SRME35249  Landings: N/A A/C Ser #: 41721  Aircraft Time: 383.3 HM  P.O. Box 35408 Greensboro, NC  Tel 800-334-2001 Fax 336-668-4  http://www.atlantic-aero.com  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  The Items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the rapproved for return to service Pertinent details of these repairs are on file at this repair station under Work Order Number SRME35249	
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Landings: N/A A/C Ser #: 41721  P.O. Box 35408 Greensboro, NC Tel 800-334-2001 Fax 336-668-4  Log Book: Airframe Date: 11/5/2008 http://www.atlantic-aero.com  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  The Items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the rapproved for return to service Pertinent details of these repairs aroun file at this repair station under Work Order Number SRME35249	
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Aircraft Time: 383.3 HM  P.O. Box 35408 Greensboro, NC.  Tel 800-334-2001 Fax 336-668-4  http://www.atlantic-aero.com  *Replaced manifold pressure transducer P/N P165-30A-E1A. All work performed in accordance with Cessna Columbia 400 Maintenance  The Items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the approved for return to service Pertinent details of these repairs are on file at this repair station under Work Order Number SRME35249	Aviation
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DATE	TOTAL TIME IN SERVICE					E ENTRY
			ork Order Tail # N 89223 N1551F CO	lake <b>M</b> odel LUMBIA LC41-550FC		bs Time 0.3
			ription ED WITH PRELIMINARY	INSPECTION IN AC	CCORDANCE WITH I	NDUSTRY
		2. REPLAC WITH N APPLICA 3. INSPEC	ARDS. CE BAGGAGE DOOR SEAL. IEW P/N CP 1206 IN ACCOR ABLE SECTIONS OF CHAPTE TED AIRCRAFT FOR LOC DANCE WITH INDUSTRY STA	DANCE WITH CESS R 52-10-00. DSE HARDWARE A	NA 400 MAINTENANCE	MANUAL
		THE AIRCRAF WAS REPAIR REGULATIONS REPAIR ARE C DATE: 2/24/20/ EAGLE AVIATION 2861 AVIATION	ON, INC. NWAY	BINE, PROPELLER OF CCORDANCE WITH RETURN TO SERVICE DER WORK ORDER IN EAR APPROVED REP	R APPLIANCE IDENTIFIE CURRENT FEDERAL E. PERTINENT DETAILS	ED ABOVE AVIATION S OF THE
		WEST COLUM	BIA, SOUTH CAROLINA 29170			
			AVIANO			
		9200 Aviation Boule	vard - Concord, NC 28027 - V	oice (704) 784-3591 -	Fax (704) 782-4772	
		4/16/09	N1551F	537	7.3 Hobbs & TT	_
		1) PERFORMI RC50001L	INSPECTIONS PED ANNUAL INSPECTION PER		NANCE MANUAL,	-
		2) PERFORMI COMPLIAN	ED FAR 91.207 (D), OPERATION ICE, BATTERY DUE 2/20/ CHECKED THROUGH 2009-9F.	AL CHECK OF THE EL	T SYSTEM. FOUND IN	_
		,	AD's COMP WITH AD 2007-07-06 R1 REPE R BEARINGS.	LIED WITH	OR CONTAMINATION OF	-
		2) COMPLIED MAGNETO	WITH AD 2005-12-06 IMPULSE 'S AND INSPECTED IMPULSE C IMPULSE COUPLING X DIMEN	OUPLINGS. NO DEFER		<b>)</b>
				CE PERFORMED		1
*		<ol><li>REMOVEI</li></ol>	D AND REPLACED AIR CONDI' D AND REPLACED BOTH MAIN D NEW BRAKE LINNINGS, P/N ORMAI	WHEEL BRAKE DISC	P/N 164-02504,	PS = ===
		<ul><li>3) SERVICEI</li><li>4) INSTALLE</li><li>5) REMOVEI</li></ul>	O OXYGEN SYSTEM TO 1850 P. ED NEW MAGNETO PRESSURE D GDC-74A AND COMPLETED	FILTER, P/N 1396-2. RECALIBRATION USI		_
		IN AIRCRA 6) ISOLATED	STATIC LEAK IN TAIL SECTION	ON AT STATIC PORT A	ND WATER DRAIN TEE	
•		ADAPTER	TON, REPAIRED CONNECTION . COMPRESSION FITTIGS WER S WITH FAR 23.1325 AFTER RE	E IMROPERLY SET. S		
	, ,		THIS AIRCRAFT HAS BEE	N INSPECTED IN A		
		AN ANNUAL INSP ORDER NO. 5895	PECTION AND IS APPROV	ED FOR RETURN T	O SERVICE. WORK	<b>C</b>
	1	1 /	/			

for SPITFIRE AVIATION, INC.

A&P3048710IA

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME			PTION OF WORK PE TIFICATE NO. OF PERS	RFORMED— ON PERFORMING WORK	
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2	,			pe	OF THE	1065	
	,			ake: COLUMBIA MF0 ate: 04/23/09 00:00	G Model: LC41-550 S/N: 41721	FG Reg. No.: N1551F TTAF: 552.50	
			nit	alanced nose wheel & trogen I/A/W LC41 ma oner C Tisdale A&P43	k tire assy- Serviced n aint. man. Ch 32. END 30909064 IA	ose strut w/ fluid &	
-%			/-	Huerlof	idoli	uga • •	
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		4 0	The American Control of Control				
			The second of th			· · · · · · · · · · · · · · · · · · ·	
		l			er occurrence	4	
		MAKE: Columbia Aircr MODEL: Lc41-550fg	aft Mf	Aviation Mainte			DATE: 4/27/2009 A/C TSN:
		S/N: 41721 REG. NO: 1551f WORK ORDER:	<b>19</b>	1098 S. Milwaukee #30 Wheeling, IL 60090 Phone: 847-541-4752	1		HOBBS: 556
		3669-04-2009 Airframe Entries					
		Removed RH wheel fa o-rings. Reinstalled b	iring. Removed Rh			ned, inspected, and resealed with r -H-5606 fluid and checked operatio	
		normal.  Maintenance Release					
		The aircraft and/or cor was found Airworthy fo 4/27/2009.	ponent(s) on 1551 r return to service.	f was repaired and inspecte Pertinent details of the repa	ed in accordance with current air are on file at this repair sta	FARs rules of the Federal Aviation under Work Order No. 3669-0	Regulations and 4-2009, Dated
		DATE: 4/27/2009	SIC	GNED:	04	Work Or	der 3660 04 2000
		DATE: 4/2/12009		itzen, IA: AP2758946IA	· ~		der: 3669-04-2009 (datcomedia.com)
	,			11-11-	MUNAZ II	<u> </u>	0.8 800
		In 641 570.1		BEER	सहस्रक्ष	Ph. 541-573-3818	• • • • • • • • •
	20	x 541 400 f x 541-5730 contribe	Burns Airport 33003 Airport Lane Burns, OR 97720		BUPNS, OR	Res. 541-493-2385 Fax. 541-573-2383 eaglewings	
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5.70		F -	*	PROPER INSTALL	ATION AFTER BEING	G PAINTED.	
		A	*	DATE: 6 - 13	2-2009		
			*	NAME: CES	SNA 400		
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			_	Jack		HTPIPEPSPP	10
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	R	TOTAL—Carr	forward to r	next page	BURNS	SAIRCRAFT PAINTING	
		_			NO: 1551F	_Hatt Nailes	
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				I Butte Hwy.	, 6		(541) 388-0019
	1F	Model: LC41	-550FG AFTT: 566		l: 41721 O: 42122	Date:	June 16, 2009
					2 <del>7 - 7 -</del>		
Replac	ed nose st	rut with new, p	/n LA7132500	00, s/n 026BS.	Complied with AD	2009-09-09	6 "Cessna Aircraft
Compa	any" dated	May 11, 2009	by removing re	udder, inspecti	ng rudder hinges	with an illun	ninated 10x magnifie
and hi	nge ingfer	tion required s	at 616 0 hours	All work porfo	ection of ninges at	ue at 591.0	hours. Rudder remo
	ilge illaped	ction required a	10 10.0 Hours	All work perior	med per Cessna	400 Alvilvi u	niess otherwise state
///	K. 1	<del></del>					
CM	MI						
Christ	opher Par	tnev			1	17:2	



Professional Air

582.1 Hobbs & TT

Diamond.

9200 Aviation Boulevard - Concord, NC 28027 - Voice (704) 784-3591 - Fax (704) 782-4772

N1551F

1) REMOVED LOCKED UP AIR CONDITIONER COMPRESSOR AND RECEIVER DRYER. INSTALLED NEW COMPRESSOR, P/N 0145606-B, BELT, P/N 653003-1, AND RECEIVER DRYER, 0857372-A. SERVICED WITH R134A REFRIGERANT. FOUND BAD HOSE IN

ENGINE COMPARTMENT, INSTALLED NEW HIGH PRESSURE HOSE, P/N 2136501-A.
 PULLED VACUUM AND RESERVICED SYSTEM, OPS CHECKED NORMAL.

2) CHECKED FUEL SYSTEM FOR LEAKS AND PROPER OPERATION. PERFORM FUEL SYSTEM CAL CHECK. SYSTEM SHOWS NORMAL FUEL FLOW. ENGINE IDLED NORMAL, MIXTURE CHECK NORMAL.

3) REMOVED LEFT BRAKE CALIPER AND RESEALED WITH NEW O-RINGS, P/N MS28775-222. INSTALLED (2) NEW BRAKE LINNINGS, P/N 066-06200, SERVICED SYSTEM AND BLED BRAKES. OPS NORMAL.

REMOVED AND REPLACED BROKEN STATIC DISCHARGER ON LEFT WING TIP. P/N SD6-0001.

THE MAINTENANCE IDENTIFIED ABOVE HAS BEEN INSPECTED AND THE ITEM(S) IS/ARE APPROVED FOR RETURN TO SERVICE, UNDER W.O.

\_\_\_\_FOR SPITFIRE AVIATION, INC

A&P3048710IA

A&P 3267931

Professional Air

6/29/09

SUB-TOTAL this page

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE OF PERSON PERFORMING WORK	377
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	9200	Aviation Boul	evard - Concord, NC 28027 - Voice (704) 784-3591 - Fax (704) 782-4772	
	7/20/0	9	N1551F	-
	1) 2) 3) 4)	NORMAL. INSTALLED 210CC/C040 ADJUSTED 550 MAINT INSTALLED CHECK OF AND NAV 1	LOW END AND HIGH END FUEL FLOWS IN ACCORDANCE WITH TCM TSIO- ENANCE MANUAL, ADJUSTED MIXTURE AND IDLE. O NEW SWITCH P/N LB53401049 FOR STROBE /POSITION LIGHTS . OPS STROBE AND POSITION LIGHTS SHOWED NORMAL OPERATION OF STROBE	
	THE M	LA53322119	9-A AND AN6-36A. E IDENTIFIED ABOVE HAS BEEN INSPECTED AND THE ITEM(S) IS/ARE TURN TO SERVICE, UNDER W.O. 6065	f i
	8	A&P30487	FOR SPITFIRE AVIATION, INC	
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-12-	2009	HODB	S 620.6. C/W AD 2009-09-09 IAW NOTED. Par elB NEXT DUE AT TT 643	par.
IA,	VO DEN	ECTS	NOTED. Par elB NEXT DUE AT 17 643	.6
			F. REPLACED LT. BRAKE CALIPER A	
		1 * *	SYSTEM AND OPS CHECK, REPLACED	LT
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		TOTAL broug	ht forward from previous page	
		and nav I	.: 1649 Completed: 09/30/09 00:00	
			DETTOTMANCE AIRCRAFT SERVICES Grussors Nath Caroling USA	
-		rudder re Replaced system o	olumbia Model: LC41-550FG (C-400) Reg. No.: N1551F 0:: 1716 Completed: 12/08/09 00:00	
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			Make: Columbia Order No.: 1649 S/N: 41721  Model: LC41-550FG (C-400) Reg. No.: N1551F Completed: 10/08/09 00:00 TTAF: 672.30	
			10/06/2009 HM 682.4- Replaced pilot door pneumatic seal p/n LA52113600-F- Replaced manifold pressure transducer p/n P165- 30A-F1A & spliced in new connector- Both systems ops check good- Ref w/o 1649- END Abner C Tisdale A&P430909064	
		2 - 29		***************************************
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			<u>c</u>	V
			per formance	
			Make: Columbia Model: LC41-550FG (C-400) Reg. No.: N1551F Order No.: 1747 Completed: 01/08/10 00:00 S/N: 41721 Hobbs Time: 769.00 TTAF: 769.00	
			S/N: 41721 Hobbs Time: 769.00 TTAF: 769.00  1-8-10 Hobbs 769.0 TTAF 769.0 Replaced seals, rt. brake caliper, bled system. C/W AD 2009-09-09 Rudder hinge brackets by replacement. Installed 2ea PN#2831100-2 and 1ea PN# 2831100-5 brackets. This AD is terminated. RM Brady AP 235029671	
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	and to the and		ON OF WORK PERFORMED— CATE NO. OF PERSON PERFORMING	3 WORK
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	Make: Columb			Reg. No.: N1551F	1	e 1
	Order No.: 179 S/N: 41721		Time: 795.10	oleted: 03/22/10 00:00 TTAF: 795.10		
	Performed Ann Checklist	nual Inspection	I.A.W. C400 Mai	intnance Manual		
	- CW AD 2010			- CW AD 2007-07-06 - Replaced LH main	У.	
	battery RG24-1	10 for 2 year tin	ne change 5N	40225579	4	
	21-01. AC hose	e insp/routing.		CW Cessna SB 09-		
	corrosion CW	/ annual insp of	onditioning conde O2 system with 0	Garmin G1000		
				nd tested ELT IAW 011 CW Cessna SB		
	09-53-01 fl0or	inspection and	gusset installation	n. Installed gussets 0 rack wiring routing		19
-	was PCW- CW	Cessna SB 09	9-34-10 Garmin G Sessna SB 07-009	DU 104X		1
	LA53252410 re	ear seat back re	etention clips.All v	work Conducted		
	compliance rec		ance manual.All A	ADs current. See AD		
					S. C. S. Samuel Strategy	
				Mala Octobri	Performance	
			e 6 es 4	Make: Columbia Order No.: 1790	Completed	eg. No.: N1551F : 03/22/10 00:00
			Vision in the second	S/N: 41721	Hobbs Time: 795.10	TTAF: 795.10
			)	Inspection and wa	ircraft has been inspected I.A.W. A as determined to be airworthy)I.A.W	V. FAR 43
		1				16
	,		A Transport	Thomas Groft	AP/IA 3222271 Items	2-4m /
	5	* · · · · · · · · · · · · · · · · · · ·	\$ 10 0 000 0000 1		AP/IA 3222271 Thrms	2 Jm J
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			2 N1	Thomas Groft	7,37,703,	07/26/10
				Thomas Groft	Race City	07/26/10
			Re	IS51F  Immoved and replaced and	Race City  LH and RH main tires with new brake pads P/N 066-062 and	07/26/10
			Re	IS51F  Immoved and replaced and	Race City  LH and RH main tires with ne	07/26/10
			Re Co	Thomas Groft  1551F  moved and replaced and	Race City  LH and RH main tires with new brake pads P/N 066-062 and	07/26/10
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)	(			REPAIR STATION	DN # PAI	5208A			
)			FAA F	REPAIR STATION LANGE	ON # PAI :	5208A A R K Hobbs:1150.	5 12/21/2		
			FAA F	REPAIR STATION NO.	DN # PAI	5208A  Robbs:1150. ia SM Chapt	5 12/21/2 ers 32 and 12.	Strut had a	
			FAA F	REPAIR STATION NO.	DN # PAI	S208A  Robbs:1150. ia SM Chapt flushed out s	5 12/21/2 ers 32 and 12. trut and replen	Strut had a ished hydraul	ic
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			Se co flu co str	PEPAIR STATION  Noterviced NLG strut IA  considerable amount  uid and re-serviced  condenser compartm  nd interior of conden  pillot door. Replace  eel. Retorqued eng  rut IAW Columbia S  homas Shane Dyar  523005AP	ISS1F HAW Columb of air in it, f with nitroge ent panel. F nser. Secured all upper ine mount to the CM Chapters.  N1551F	Iobbs:1150. ia SM Chapt flushed out s en. Installed r Flushed out a ed weather s and lower er o firewall bol s 32 and 12.	5 12/21/2 ers 32 and 12. trut and replen new hardware a air-conditioning teals around ca agine cowling h ts to 60ft.lbs. S	Strut had a ished hydrauli and seal on condenser fir argo, pilot, and ardware with serviced NLG	ns d
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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							
7			DAYTONA AIRCRAFT SERVICES  DATE 2/9/2011 TACH: 1187.1  Replaced right main tire with new Condor 15x6x6 ten ply and new tube. All work was performed in accordance with current regulations of the FAA and is approved for return to service Details on file at this Repair Station under WO# 3385  ON TRZGZ K  Daytona Aircraft Services CRS DYTR262K  Daytona Aircraft Services, 3m.						
			Replaced tube assy in LH main tire with pn 092-501-00, 15x6.00x6 TR67. Reassembled wheel and serviced with 55psi. Reinstalled same. All work done IAW Columbia service manual.  William T. Hatfield  2185083AP						
			2185083AP VV 7 7 V Wefuka						
			THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.  TRANSPONDER MAKE: MODEL: S/N:  #1  Gamin 97X33  TRANSPONDER MAKE: MODEL: S/N:						
			TRANSPONDER MAKE: MODEL: S/N:  #2  DATE: WO: INSPECTOR: Ellington  CAROLINA AVIONICS GROUP, LLC  CAROLINA AVIONICS GROUP, LLC  CAROLINA AVIONICS GROUP, LLC  CAROLINA AVIONICS GROUP, LLC						
			FAR 91.411  ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43  ALTIMETER CERTIFIED TO						
			LEFT FEET RIGHT FEET  25000 S/N: S/N:						
,			DATE: 3-17-2011 Sy93 INSPECTOR: CAROLINA AVIONICS GROUP, LLC  VIST F FAA APPROVED REPAIR STATION # QCCR-389K						

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
		TOTAL broug	ht for	
			N1551F 03/25/2011 TAT: 1192.9 Replaced prop heat brush block assy.Replaced rt. main tire.Replaced alternator belt. Replaced alternator bracket. Removed prop governor and reinstalled after flushing. Replaced Upper spark plugs on # 4, and #6 cylinder. Replaced ELT battery and performed test per FAR 91.207. Ops check good. Removed and reinstalled propeller and cleaned out crankshaft bore. Replacedmagneto pressurization filter. Replaced it outbd wing static wick. I certify this aircraft has been inspected IAW an annual inspectionand was found to be in an airworthy condition.  Edward L. Holland AP 212721718IA	
	4			
	*		N1551F 03/25/2011	
			TAT: 1192.9  Replaced left and right brake linings. Ops check good. End	
	. Y	A	Edward L. Holland AP 212721718	3
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DATE	TOTA TIME IN SERVI	Ε ,	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFOR SIGNATURE & CERTIFICATE NO. OF PERSON PE						
		TOTAL brought forward from previous page								
	5745 HUNTSMAN RD.  RICHMOND INTL AIRPORT  VA., 23250 – 2411  REG. # 1				MAKE - COLUMBIA M/N - 400 S/N - 41721 REG. # N1551F HOBBS - 1214.3  MMM UNLESS OTHERWISE NOTED: STRIES, INC. FORM 005. REMOVED DIL PRESSURE AS PER CUSTOMER 12089290 IN ACCORDANCE WITH NGINE, OPERATIONAL CHECK GOOD TAS ON PFD, AUTOPILOT, OAT & TING MOLEX CONNECTORS ON OAT D CONNECTORS AS REQUIRED PER N, ALL AVIONICS INDICATIONS FOR PER M/M. COMPLIED WITH FINAL STAL TIME: 1214.3 IN ACCORDANCE WITH CURRENT DOKK PERFORMED, THE AIRCRAFT IS					
				Make: Columbia Model: LC41-550FG Order No.: 2457 S/N: 41721 Hobbs Time: 130 Replaced both main tires w/ new GY Flt serviced- Replaced tube in rt. tire & brak Balanced nose tire & serviced- Replaced - Abner C Tisdale A&P3562155	(C-400) Reg. No.: N1551F Completed: 06/22/11 00:00 1.80 TTAF: 1301.80 . Special II, balanced & ke shim in rt. brake-					
		144								
	(A)		SUB-TOTAL	his page						

THE STASE HUNTSMAN RD.  RICHMOND INTL AIRPORT  VA. 23250–2411  ENTER IN: ARFRAMERECORD  ENTER IN: ARFRAMERECORD  COMPLED WITH THE FOLLOWING IN ACCORDANCE WITH CESSINA 400 AMM LURSES OTHERWES NOTED: PRELIMBARY INSPECTION ACCOMPLISHED IN ACCORDANCE WITH ARRO INJUSTIES, INC. FORM 005. ALL WIREL. PARTY REMOVED FOR PART REPAIR REPAIRED PART BY REMOVING CHIPS, PRIMING AREAS, BLOCKING AREAS, APPLING TOP COAT OF PAIRT, SPRAYED CLEAR COAT AND POLISHED TO MATCH EXISTING PAIRT, ALL PER CHAPTER SI SYNAMOR PRACTICES. RENEVAL DUE THE WHEEL PAIRT SER REMOVED AS PREMIOR AREAS, BLOCKING AREAS, APPLING TOP COAT OF PAIRT, SPRAYED CLEAR COAT AND POLISHED TO MATCH EXISTING PAIRT, ALL PER CHAPTER SI SYNAMOR PRACTICES. RENEVAL DUE THE WHEEL PAIRT SER INSTALLATION INSTRUCTIONS. INSTALLED CLEAR PROTECTIVE BOOTS ON ALL THREE WHEEL PAIRT SER INSTALLATION INSTRUCTIONS. INSTALLED CLEAR PROTECTIVE BOOTS ON ALL THREE WHEEL PAIRT SER INSTALLATION INSTRUCTIONS. INSTALLED CLEAR PROTECTIVE BOOTS ON ALL THREE WHEEL PAIRT SER INSTALLATION INSTRUCTIONS. INSTALLED CLEAR PROTECTIVE BOOTS ON ALL THREE WHEEL PAIRT SER INSTALLATION INSTRUCTIONS. INSTALLED CLEAR PROTECTIVE BOOTS ON ALL THREE WHEEL PAIRT SERVICES AND ALL TO ALL THE SERVICE PAIRT SERVICES. THE ALL THREE PAIRT SERVICES.  SOL SC. 6. A B STEPS I THRU 4, 6 & 7, 6C. 7 B S. MINIMUM THEAD PIOTRISION FOR HOWY. INSTALLED SCRIPMS HAS BEEN VERRIED, ALL GOOD AND RUDGER THAVELS HAVE BEEN VERRIED WITH H. A FIFT STOPS CORRECTED PER STEP 6B(4) BY INSTALLED AND PAIR SERVICES. THE PAIR SERVICES OF THE ALTERNAME METHOD ON STRUCTION OF THE SERVICE PAIRT SERVICES. THE PAIR SERVICES AND PAIRT SERVICES. THE PAIR SERVICES AND PAIRT SERVICES. THE PAIRT SERVICES. THE PAIRT SERVICES. THE PAIRT SERVICES.  SECRIC SERVICES AND PAIRT SERVIC			STRIES, INC	DATE - 21 FEB 2012	
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SCREWS HAS BEEN VERIFIED, ALL GOOD. AND RUDDER TRAVELS HAVE BEEN VERIFIED WITH LH & RH STOPS CORRECTED PER STEP 66(4) by INSTALLING P/N. 283310.11-6 STOP BUSHING, NEW HINGE AND BRACKETS PREVIOUSLY CHANGE ON 1/87/2010. ALL REQUIREMENTS HAVE BEEN ACCOMPLISHED AS THE ALTERNATE METHOD OF COMPLIANCE FOR APPROVED FAA MAD (C) DATE 1/19/2009 FOR AD2009-09/09. NO FURTHER RECURRING INSPECTION REQUIRED. ON RUDDER HINGE AND BRACKETS, RH BRAKE CALIPER IS LEAKING. RESEALED RH BRAKE CALIPER IS LEAKING. RESEALED RH BRAKE CALIPER WITH NEW MS25775-222 ORIGINATION IN COMPLEX WITH PRIVATE AND PRIVATE AND PRIVATE AND PRIVATE AND PRIVATE ORIGINATION IN COMPLEX WITH PRIVATE ORIGINAL WAS AND PRIVATE ORIGINATION OR AND ALL CHECKED SATISFACTORY COMPLED WITH FINAL INSPECTION FOR WORK ACCOMPLISHED UNDER THIS WORK ORDER AIR CREATE TO THE WORK PERFORMED, THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE DETAILS OF THIS INSPECTED AND REPAIRED IN ACCORDANCE WITH CURRENT TECHNICAL DATA AND FAA REGULATIONS AND WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE DETAILS OF THIS INSPECTED AND PROVED FOR PETURN TO SERVICE DETAILS OF THIS INSPECTED AND PROVED FOR PETURN TO SERVICE DETAILS OF THIS INSPECTED AND PROVED FOR PETURN TO SERVICE DETAILS OF THIS INSPECTED AND PROVED FOR THE WITH THE PROVINCE AND PROVIDED WITH FINAL PROVINCE AND PROVIDED WITH THE PROVINCE AND PROVIDED WITH					
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AERO INDUSTRIES, INC 5745 HUNTSMAN RD. RICHMOND INTL AIRPORT VA., 23250-2411

ENTER IN: AIRFRAME RECORD

DATE - 21 FEB 2012 MAKE - COLUMBIA M/N - LC41-550FG

S/N- 41721 REG.# N1551F TIME -- 1472.6

COMPLIED WITH THE FOLLOWING IN ACCORDANCE WITH CESSNA COLUMBIA 400 AMM UNLESS OTHERWISE NOT PRELIMINARY INSPECTION ACCOMPLISHED PER AERO INDUSTRIES, INC. FORM 005. COMPLIED WITH ELT ANNU INSPECTION PER FAR PART 91.207(D) AND ELT INSPECTION CHECKLIST. ELT BATTERY DUE CHANGE IN JANUA 2017. REPLACED LH ALTERNATE AIR VALVE DUE TO WEAR USING NEW P/N 2850103-3. REPLACED WO TACHOMETER PLUG AND J CONNECTOR WITH NEW REPLACEMENTS P/N'S S2349-2 & S2350-5, OPERATION CHECK GOOD, REPLACED CRACKED FLAP PANEL, RH INBOARD SIDE USING NEW P/N 2820103-610. REPLACE BOTH CLEAR ACCESS PANELS ON LOWER WINGS FOR AILERONS USING NEW 2820103-610. LH MLG BRAKE FITTI LEAKING AT GEARBOX STRUCTURE: CLEANED AREA AND TIGHTENED FITTING, LEAK CHECK GOOD. LH AFT CORN OF CABIN FLOOR HAS DELAMINATION BY PASSENGER FOOT-WELL: REPAIRED FLOOR AREA IDENTIFIED ACCORDANCE WITH CESSNA REPAIR DEFINITION, REPORT NO. S-T240-ATA51-01RD. SEE FAA FORM 337 DAT FEBRUARY 8, 2012 FOR REPAIR DETAILS. REPLACED FAULTY DOOR SWITCH ON PILOTS SIDE USING NEW P 2811101-25. PILOT'S DOOR HARD TO UNLATCH: ADJUSTED AND SHIMMED DOOR HINGES, LUBRICATED LATCHI MECHANISM AND ALL OTHER PARTS CHECKED GOOD FOR DOOR OPERATION. DRAINED WATER FROM STATIC DR. AND REINSTALLED CAP PER CESSNA 400 AMM. REPLACED MISSING SWITCH CAPS USING NEW P/N CKN1398-AT LIGHTS TEST, PUSH-TO-TALK ON PILOTS AND CO-PILOTS CWS SWITCHES. LH BRAKE CALIPER LEAKING RESEALED CALIPER USING NEW MS28775-222 O-RINGS IN ACCORDANCE WITH CLEVELAND M/M. BLED BRAF AS NEEDED. REPLACED CRACKED INSULATORS ON BOTH BRAKES USING NEW P/N 068-01100. REPLACED BO BRAKE DISKS DUE TO THICKNESS BELOW MINIMUM USING NEW P/N 164-02504. REPLACED BOTH MLG L BUSHINGS DUE TO MIGRATION USING NEW P/N 32FB16 AND RE-INSTALLED MLG LEGS. COMPLIED WITH GARM POWER SYSTEM CHECKS PER 400 AMM CHAPTER 34-60-00, NO DEFECTS NOTED. COMPLIED WITH GARN G1000 SYSTEM ANNUAL INSPECTION REQUIREMENTS PER CHAPTER 35-10-00 ON OXYGEN SYSTEM, NO DEFEC NOTED. COMPLIED WITH GARMIN AUTOPILOT SYSTEM INSPECTION OF GSM 85 SERVO MOUNT PER G1000 M. 190-00577-03 AND CHAPTER 22-01-00, CLUTCH SETTINGS CHECKED GOOD FOR ROLL SERVO AND CLUTCH W ADJUSTED TO SPEC FOR PITCH SERVO. RE-INSTALLED ROLL AND PITCH SERVOS AND CLUTCHES PER 400 AMM A GARMIN G1000 M/M. COMPLIED WITH 12 MONTH INSPECTION OF GARMIN GFC 700 AUTOPILOT SYSTEM GSA SERVOS AND GTA 82 TRIM ADAPTER PER G1000 M/M, NO DEFECTS NOTED. COMPLIED WITH GARMIN G10 SYSTEM RETURN TO SERVICE CHECKS AFTER ALL AUTOPILOT SYSTEM MAINTENANCE, NO DEFECTS NOT REPLACED BOTH MAIN AIRCRAFT BATTERIES, ONE FOR TIME CHANGE AND THE OTHER FOR FAILED CAPACITY CHEC REMOVED RG24-10 S/N'S 40225579 AND 40225578 AND INSTALLED NEW P/N RG24-10 S/N'S 404685 AND 40468552, OPERATIONAL CHECK GOOD. COMPLIED WITH HANDHELD FIRE EXTINGUISHER INSPECTION F NFPA-10, NO DEFECTS NOTED. REMOVED OXYGEN CYLINDERS FOR OVERDUE HYDROSTATIC TEST: P/N 100N400 1 REV D S/N'S NN0543562 & NN0557852 AND P/N 100N4000-2 REV D S/N NN0557869, ALL THE CYLINDERS PASSED AND WERE REINSTALLED, NEXT HYDROSTATIC TEST IS JANUARY 2017. COMPLIED WI EXHAUST SYSTEM, TURBOCHARGERS AND TAILPIPE INSPECTION: LH TAIL PIPE CRACKED AT MOUNTING FLANGE REMOVED FOR REPAIR BY DAWLEY AVIATION AND RE-INSTALLED, P/N 2850100-5. CHECKED AND RECORDED A FLIGHT CONTROL DEFECTIONS, ALL DEFLECTIONS WERE WITHIN CESSNA 400 SPECIFICATIONS. COMPLIED W ANNUAL INSPECTION OF AILERON LINEAR BEARINGS, NO DEFECTS NOTED. COMPLIED WITH ELEVATOR TORQUE TU (STEEL) ANNUAL INSPECTION, NO DEFECTS NOTED. COMPLIED WITH RESISTANCE CHECKS ON ALL STATIC WIC WITH MEGGER TEST BOX, ALL STATIC WICKS FAILED TEST AND WERE REPLACED WITH NEW SD6-0001. COMPLI WITH 1000-HOUR DETAILED INSPECTION OF MLG, NO DEFECTS NOTED OTHER THAN MIGRATING LEG BUSHING COMPLIED WITH ANNUAL NOSE STRUT SERVICING. COMPLIED WITH EXHAUST SYSTEM PRESSURE CHECK AND FOUR CRACKED TAIL PIPE, SEE REPAIR ACTION ABOVE. COMPLIED WITH DOOR SEAL FILTER CLEANING FOR 1000-HO COMPLIED WITH LH ALTERNATOR BELT INSPECTION AND TENSION CHECK. REMOVED SPEED BRAKES AND ALC F 1000-Hour maintenance by Precise Flight, ALC P/N 010S043-1 S/N ALC-1209 and Speedbrake P 3005003-2 S/N'S 983537 AND 983538. RE-INSTALLED REPAIRED S/N'S ALC-1209, 983537 & 983538 P CESSNA 400 AMM. . COMPLIED WITH BRACKETT AIR INDUCTION FILTER ICA DOCUMENT # I-194, NO DEFEC NOTED. REPLACED ELEMENT WITH NEW BA-345E. COMPLIED WITH OREGON AERO ICA ON SEATS PER DOCUME # EM-01-01 REV D DATED 4/7/2011. REPLACED CUSTOMER SEATS PER CESSNA SEB25-01 BY REMOVI EXISTING SEAT SET AND INSTALLED NEW SEAT ASSEMBLIES P/N 6A-0001-3, 6A-0001-4, 6A-0007-36A-0009 6A-0009-4 AND 6A-0010-3 IN ACCORDANCE WITH OREGON AERO ICA DOCUMENT EM01-01 REV D DAT 4/7/2011. COMPLIED WITH CESSNA SB10-81-01 DATED 6/15/2010 FOR ENGINE TURBOCHARGER INSPECTION NEITHER OF INSTALLED TURBOCHARGERS ARE AFFECTED BECAUSE BOTH HAVE THE "JT" FOUNDRY MARK ON T CHRA, NO FURTHER ACTION REQUIRED. COMPLIED WITH CESSNA SB11-32-01 DATED 1/18/2011 FOR MLG L AND AXLE BLOCK FASTENER HOLE INSPECTION/ENLARGEMENT: COMPLIED WITH INSPECTIONS ON BOTH SIDES MLG, NO DEFECTS FOUND. COMPLIED WITH CESSNA SB10-27-03 DATED 12/10/2010 FOR RUDDER TUBE CLA MODIFICATION BY INSTALLING NEW BARBED INSERTS WITH ADDITIONAL NEW ADEL CLAMPS AND HARDWA COMPLIED WITH CESSNA SB10-24-01 DATED 12/10/2010 FOR NO. 2 (LEFT) ALTERNATOR INSTALLATION INSPECTION: COMPLIED WITH SERVICE BULLETIN BY REPLACING THE BRACKET AND SPACER WITH NEW P/N 285100-7 & 28581009. INSERTED COPY OF CESSNA SB10-11-01 DATED 8/17/2010 FOR PROPER USE MLG BRAKES. COMPLIED WITH CESSNA SB10-81-01 DATED 6/15/2010 FOR ENGINE TURBOCHARG INSPECTION: INSPECTED BOTH TURBOCHARGERS, NEITHER ARE AFFECTED BY THE SERVICE BULLETIN, P/N 646677 S/N'S JIL00714 & JIL00720, NO ACTIONS REQUIRED. COMPLIED WITH CESSNA SB10-78-01 DAT 6/15/2010 FOR ENGINE EXHAUST SYSTEM TURBOCHARGER TRANSITION INSPECTION, NO DEFECTS NOTED TRANSITION EXHAUST. COMPLIED WITH CESSNA SB10-71-01 DATED 6/15/2010 FOR ENGINE CRANKCA INSPECTION: INSPECTED ENGINE, NO DEFECTS NOTED, AND ENGINE HAS NEW EQ7530 KIT INSTALLED, NO FURTH INSPECTIONS REQUIRED. COMPLIED WITH CESSNA SB10-32-01 DATED 6/15/2010 FOR NOSE STRUT SHIM A MOUNT HOLE INSPECTION/ENLARGEMENT. NO DEFECTS NOTED ON MOUNT HOLES. SHIMMED STRUT W 9502K13 SHIM (.003) AND RE-ASSEMBLED PER SERVICE BULLETIN AND 400 AMM, ALL ON WORK ORDER # 5552 COMPLIED WITH CESSNA SB10-28-01 DATED 4/13/2010 FOR AIRFRAME GASCOLATOR AND ENGINE FU MANIFOLD VALVE INSPECTION FOR DEBRIS: COMPLIED WITH INSPECTION, NO DEFECTS NOTED AND COMPONEN RE-ASSEMBLED FOR RETURN TO SERVICE. COMPLIED WITH CESSNA SB10-73-01 DATED 1/18/2010 FOR ENG HYDRAULIC LIFTER INSPECTION AND REPLACEMENT: INSTALLED TSIO-550C S/N 914566 DOES NOT APPLY TO BASED ON TCM MSB 09-8A DATED 12/04/2009 SECTION A SERIAL NUMBER LIST. ENGINE WAS MANUFACTURED ON 11/04/2006 AND NO HYDRAULIC LIFTERS WERE CHANGED IN 2009, NO FURTHER ACTION REQUIRED. COMPLIED WITH CESSNA SB08-32-01 DATED 11/24/2008 FOR GEAR LEG FAIRING CHAFFING INSPECTION AND RELIEF: COMPLETED SB ON BOTH FAIRINGS PER SB STEPS 1 THRU 9 AND 11 THRU 19. AD2010-26-54 DATED 1/10/2011 FOR WING CATASTROPHIC FAILURE DUE TO WING DISBONDING DOES NOT APPLY TO THIS S/N 41721

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BASED ON AD PARA @ TABLE 1 APPLICABILITY, NO ACTION REQUIRED.

SUB-TOTAL this page

TACH OR RECORDING DESCRIPTION OF WORK PERFORMED-DATE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK 9200 Aviation Blvd. NW - Concord, NC 28027 - Voice (704) 784-3591 - Fax (704) 782-4772 08 OCT 2012 N1551F HOBBS & AFTT: 1,509.8 REMOVED PROPELLER MODEL HC-H3YF-1RF/F7693DFK, S/N: LX359B. REMOVED NOSE GEAR ASSEMBLY. REMOVED ENGINE MODEL TSIO-550-C13B, S/N: 914566 AND ENGINE MOUNT. INSPECTED AIRCRAFT FOR STRUCTURAL DAMAGE IN ACCORDANCE WITH GUIDANCE FROM CESSNA TECH SUPPORT AND STRUCTURES ENGINEER JERRY BALLMAN. NO STRUCTURAL DAMAGE NOTED. INSTALLED NEW ANTENNAS P/N: CI122 AND CI-305. INSTALLED NEW ENGINE MOUNT P/N: 2851101-23 AND NOSE GEAR ASSEMBLY P/N: 2842101-1. INSTALLED TCM FACTORY REMAN ENGINE MODEL TSIO-550-C11B, S/N: 1006767. INSTALLED FACTORY NEW HARTZELL PROPELLER MODEL HC-H3YF-1RF/F7693DFK, S/N: LX626B. OPS CHECK NORMAL, NO DEFECTS NOTED. A&P/IA 3231873 DATE - 16 Nov 2012 **AERO INDUSTRIES, INC** MAKE - COLUMBIA 5745 HUNTSMAN RD. M/N - LG41-550FG RICHMOND INTL AIRPORT S/N- 41721 VA. . 23250 -2411 REG. # N1551F TIME - 1511.7 ENTER IN: AIRFRAME RECORDS New parts are unavailable at this time. Removed damage nose strut fairing and applied a fiberglass lay up repair on both inside and outside of Nose strut fairing. Primed, painted, sanded and buffed nose strut fairing. Removed and replaced nose wheel pant with repaired serviceable nose wheel pant part # LA71324003-C. L/E tape, protective boot and placards installed. Sanded, primed, painted, buffed and blended, lower cowling and front of belly (near firewall) of aircraft fuselage. Plugged in ground wire for Door seal pump, ops ck good. Reconnected Air conditioner clutch and serviced system with R134A Freon, Ops ck'd good. Removed and replaced speed brake switch that was intermittent. Ops ck good. Removed Wheel/tire assy, broke down tire, realigned red dot and valve stem. Reinstalled nose wheel/tire assy, all per Cleveland M/M and Cessna 400 AMM. C/W Cessna SB10-32-01 (due to new strut) installing a .002 shim. The maintenance described above was inspected in accordance with current FAA regulations and the aircraft/ component is approved for return to service, with respect to the work Performed. Details of this repair are on file at this repair facility under: Work order# 56586 CRS CERTIFICATE NO. BIER466C

SUB-TOTAL this page

	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	2.1
		TETAL BOX	Alpha per segue, diritti Con illumi sadia	
,			Maximum Cruise Aviation LLC/DBA Willmar Air Service 6600 Hwy. 40 West Willmar MN, 56201	,
		3/15/2013	MOONEY	
		Tach Time 152	N1551F 19.4 Engine TT 19.6	
		ACTT 1529.4 Prop Date of N	TSMOH 19.6 TSPNew 19.6	
		AvStar fuel ser AD, next due at aircraft as requi aircraft batteries installed in aircr landing gear for operation. Insta	INSP. C/W FAR91.207(d)1-4 ELT Insp. Replace batteries by January 2015. AD2012-03-06 vo diaphragm DNA by Make and S/N of fuel system. C/W AD2007-07-06 Jamming controls as per t 1629.4 ACTT or March 2014. Insp completed as per Columbia Annual Insp check list. Lubricate ired. Serviced landing gear, wheels and brakes. Cleaned gascolator and leak checked. Removed as and completed load test as per battery MFG, batteries check OK. Charged aircraft batteries and raft. Checked all lights, warning horns and pitot heat for proper operation. Installed new bolts in R ot attach. Installed OH electric fuel pump. Reinstalled right speed brake and confirmed proper fit ar alled new #2 EGT probe. Aircraft was run-up and opps check OK. I certify this Aircraft has been proper positions with auteurs EAP and an Assurable properties and the confirmed proper fit as alled new #2 EGT probe. Aircraft was run-up and opps check OK. I certify this Aircraft has been properties and the confirmed proper fit as alled new #2 EGT probe. Aircraft was run-up and opps check OK. I certify this Aircraft has been properties are the confirmed proper fit as a series of the confirmed proper fi	
		Brian Negen	cordance with current FAR's and an Annual Insp and found to be in an airworthy condition.	
		A&P471130665	SIA	
	TIRE WIT	D LEFT MAIN W	AIRFRAME LOG HEEL PANT. REMOVED LEFT MAIN TIRE AND WHEEL ASSY. REMOVED AND REPLACED	
Switl	REPLACE	55 PSI INSTALL ED LEFT MAIN B	6 PLY FLIGHT CUSTOM III. TORQUED WHEEL HALF BOLTS TO 150 "/LBS. SERVICED LED TIRE / WHEEL ASSY ON AIRCRAFT. REINSTALLED WHEEL PANT. REMOVED AND BRAKE ININGS WITH NEW. P/N: 066-06200.  FOR NAPLES AIR CENTER CRS X04R655M.  ROBERT I HOUSE	
Page Fie 207 Dan	ik Avia	ation Ma	LED TIRE / WHEEL ASSY ON AIRCRAFT. REINSTALLED WHEEL PANT. REMOVED AND BRAKE LININGS WITH NEW. P/N: 066-06200.  FOR NAPLES AIR CENTER CRS X04R655M.	
Page Fie 207 Dan Fort Mye 239-936	ik Avia eld Airport ( ley Drive ers, Florida -3666	ation Ma (FMY) 33907 www.switlikaviat	Intenance, Inc.	
Page Fie 207 Dan Fort Mye 239-936 Rec	ik Avia	ation Ma (FMY) 33907	Intenance, Inc.	
Page Fie 207 Dan Fort Mye 239-936 Rec N1 Installed fiberglas operatio	ik Avia eld Airport ( ley Drive ers, Florida -3666 g. No. 551F d new Goo ss repairs on. Replace	ation Ma (FMY)  33907  www.switlikaviat  5./N.  41721  odyear 15x60  Installed ne	intenance, Inc.    Date   Hobbs   T.T.   S.M.OH.   Page   12/10/2013   1611.4   1611.4     Date   Construction   Construction	
Page Fie 207 Dan Fort Mye 239-936 Rec N1 Installed fiberglas operatio	ik Avia eld Airport ( ley Drive ers, Florida -3666 g. No. 551F d new Goo ss repairs on. Replace	ation Ma (FMY)  33907  www.switlikaviat  5./N.  41721  odyear 15x60  Installed ne	intenance, Inc.  Date Hobbs T.T. S.M.OH. Page 12/10/2013 1611.4 1611.4  Do-6 FCIII tire on RH main wheel. Repaired LH main gear wheel fairing with two induction heat control cable, p/n A700-BLACK and rigged for proper ted manifold pressure hose. I have inspected these repairs and have found ion.	

DATE	TOTAL TIME IN SERVICE	TIME RECORDING DESCRIPTION OF WORK PERFORMED— IN METER SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK					
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20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	da Flioth	160 E. A	Flight Maintenance, Inc. irport Ave FL 34285	DATE TACH	04-01-2014 1818.6		
Main	tenance			1	_		
annua airwo	al and 100	hr inspect	hat this aircraft has been inspection as per Cessna 400 checklist ected ELT in accordance with AP 3397572	t and was determ FAR 91.207(d) a	ined to be in a		
				ful			
			JED - AIRE AVIATION, LLC				
			Over 15 years experience Certified Airframe & Powerplant Technician Inspector's Authorization E-mail-technician				
as require installed. Service M an Annual Hobbs 16	ed. Drained ar Repaired fres lanual and TC I Inspection a	R 91.207, D, 1-4 nd cleaned fue sh air intake ho M SID97-3F. I I nd found to be 0.7 ETT 120.9 I	Certified Airframe & Powerplant Technician	Linear bearings, c/w ir g and hydro system. N ine run up and set up o	lew aircraft batteries completed as per Cessna		

FIRST Transducer in Right wing, & new Fuel alosses

(lovers on hinght wing, Mrs switch Cours on our

head light switch, Survived with Oz.

full Description

SUB-TOTAL this page

TACH OR RECORDING METER



OF WORK PERFORMED— TENO, OF PERSON PERFORMING WORK

OTAL brought lower Certified Airframe & Powerplant Techning Emperor's Authorization

(320)843-4461

June 18, 2016 Cessna N1551F S/N 41721 Hobbs 1673.4

Annual Inspection. FAR 91.207, D, 1-4 ELT C/W 1/17. AD2007-07-06R1 Cessna Linear bearings, c/w insp and lube.. Aircraft lubed as required. Drained and cleaned fuel gasolater screen. Serviced wheel bearing and hydro system. Installed a new aircraft battery in position #1 left. Engine run up and set up completed as per Cessna Service Manual and TCM SID97-3E. I hereby certify that this Aircraft has been inspected as per existing FAR's in accordance with an Annual Inspection and found to be in an airworthy condition.

Hobbs 1673.4 ATT 1673.4 ETT 163.6 PTT 163.6 10/12/

Jason E Doscher A&P3271591IA

N1551F

♦ SANTA FE

**AERO** SERVICES

Airframe Log

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 12/27/16 Make: Cessna 400 Model: LC41-550FG S/N: 417

Hobbs: 1694.0 TTAF: 1694.0

INSTALLED OVERHAULED ATTITUDE INDICATOR, P/N 4200-10, S/N J15-11296. INSTALLED NEW DOOR SEAL COIL ASSEMBLIES FOR L/H AND R/H. REPAIRED OIL COOLER DOOR ASSY. INSTALLED NEW #2 BATTERY, P/N RC-24-10, S/N 40805141. PLACED NEW OXYGEN CANULAS, P/N 4110-704-7 FOR PILOT AND COPILOT POSITIONS. OPERATIONAL CHECKS SATISFACTORY.

Arturo Torres A&P2834035

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-16-0601

N1551F

♦ SANTA FE

**AERO** SERVICES

Airframe Log

AVIONICS MAINTI NANCI

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

 Date: 7/17/2017 Make: COLUMBIA
 Model: LC41-550FG
 \$/N: 41721

 Tach: N/A
 Hobbs: 1718.5
 TTAF: 1718.5

C/W ANNUAL INSPECTION IAW FAR43 APPENDIX D ITEMS AND REFERENCING CESSNA LC41-550FG AMM. RESEARCHED AD'S THROUGH 7/15/2017.

- PERFORMED CAP CHECK OF MAIN BATTERIES RIGHT PASSED AT 85% AND LEFT PASSED AT 87%.
- C/W AD 2007-07-06 AILERON AND ELEVATOR CONTROL SYSTEMS NO DEFECTS NOTED.
- C/W FAR 91.207 ELT INSPECTION, INSTALLED NEW BATTERY P/N 452-6499 S/N 370772-048 EXPIRES OCT 2023. OPS CHECK GOOD.
- REMOVED OXYGEN BOTTLES AND SENT FOR HYDROSTATIC TESTING, WORK PERFORMED BY AFROSPACE TURBINE ROTABLES CRS # NV2R045L UNDER WO'S 108832, 108831, 108833. SERVICE OXYGEN TO FULL INDICATION.

GROUND RAN AIRCRAFT OPS CHECK SATISFACTORY.

This Aircraft has been inspected JAW an Annual Inspection and has been determined to be in airworthy condition and is approved for return telestrice.

Gerardo Ontiveros

Gerunda On

A&P2819356IA

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-17-0214



Over 15 years experience Airframe & Powerplant Technician Inspector's Authorization

August 13, 2018 Cessna N1551F S/N 41721 Hobbs 1748.9

Annual Inspection. FAR 91.207, D, 1-4 ELT C/W 10/2023. AD2007-07-06R1 Cessna Linear bearings, c/w insp and lube. AD 2016-16-12 TCM ECI Cyls, DNA not installed. AD2016-21-04 TCM Oil Tee Fitting. PCW. Aircraft lubed as required. Drained and cleaned fuel gasolater screen. Serviced wheel bearing and hydro system. Engine run up and set up completed as per Cessna Service Manual and TCM SID97-3E. I hereby certify that this Aircraft has been inspected as per existing FAR's in accordance with an Annual Inspection and found to be in an airworthy condition.

Hobbs 1748.9 ATT 1748.9 ETT 239.1 PTT 239.1 10/12

Jason E Doscher A&P3271591IA

www.weepnomorellc.com



320-295-1671

Willmar Municipal Airport, Willmar MN

Airframe Log Entry

Fuel Tank Repair N1551F

Date: 10/23/2018 Hobbs: 1762.5 Drained fuel from RH tank. Removed leaking fuel

tank access cover, cleaned area and resealed nanel with CS2220 B1/2

cure, a Sign:

N1551F

3/27/2019

Tach- 1787.9

1. Laced crack in left rear window. Approved for one time flight to repair station.

Smiling Aviation, Inc.

870 15.75 Road Delta Co 81416

Ronald G. Widner A&P4122\$77IA 970-874-5481

#### Aircraft Log I

Removed interior as needed for window replacement. Installed new aft left window, P/N 2811110-5, S/N 51733, using Prepreg Window Retainer, Aft LH, P/N 2811111-5-1, in accordance with LC-550FG Series Structural Repair Manual, 3040FR, Rev 2, dated 07-01-2015, Chp 56-10-00, Window Replacement and Bonding Procedure. Installed interior after window install. Painted repair area around L/H rear window IAW Model LC41-550FG/T240 M/M, Rev 6, Chp 51-70-00, Paint repair and Painting - Maintenance Practices.

I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.

Completed By Yingling Aviation P.O. Box 9248, Wichita, KS 67277 FAA CRS #YN8R621Y

Phone 316-943-3246

Signature: Robert Hays **Date Completed** Work Order# Hobbs Hours Tach Time

04-25-2019 SVC-21642

1,790.4 1,790.4

Aircraft Total Time

1,790.4

SUB-TOTAL this page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		F WORK PERFORMED— NO. OF PERSON PERFORMING WORK	37.4
			ught forward from previous page	. ' - e al + 3x' :::	
N1551F	00	/24/2019	Hobbs- 1871.6 AFTT-1871.6		_
	-		Hobbs- 1871.6 AFTT-1871.6 coordance with FAR 43 appendix "D".		-
			.207. Battery replacement next due 10	0/2023.	
2. C	leaned and	d repacked no	ose wheel bearings.		-
			ght alternate air box.		
			on left nav light bulb re installed operat	ion check good.	
			ghts, both sides.		_
			o for level flight.		
		propeller con	s, tubes, balanced wheels and repacked b	hearings	-
			from engine mount and air oil separator.		
			main tank drain.		
11. Re	emoved L	eft aileron. R	Replaced aileron rod end and reinstalled a	aileron.	_
12. C	leaned air	conditioner of			
		H battery.			-
		duction air fi			
			new. Due again @ 4871.6, or 9/2029 kide detector with overhauled unit. Ser #	4240 due 9/2026	-
			on and elevator jamming. 12 months.	4240 due 9/2020	_
			del clamps on alternate air cable.		
				on and was determined to be in an airworth	у –
condition.		1			
Smiling A		nc. ///	W Dearn	Chad Dawson	-
870 15.75 I		CM		A&P 3432546 970-874-5181	
Delta Co 8	1410	was an indigen and in the		770-074-3101	_
N1551F	09	/24/2019	Hobbs- 1871.6 AFTT-1871.6		
Performed	an Annu	al Inspection	n in accordance with EAP 42 annuality	D".	
condition	is airtram	e was inspect	ted in accordance with an Annual Inspe-	ction and was determined to be in an airwor	rthv
Smiling A			101		
870 15.75	Road	an.		Mark D. Husmann	
Delta Co 8		///		A&P3230743IA	
				970-874-5181	
N1551F	1	1/11/2019	Hobbs-1911.50		
l. ]	Removed	nose tire and	balanced, reinstalled nose tire.	57.	
Smiling A 870 15.75	Aviation,			Chad Dawson	
Delta Co		1/1/1	1 Denn	A&P3432546	
	01410	Court		970-874-5181	
		1	1		
	51F	07/01/20	120 Hobbs 1970.00		
		lled new bus	hing on left wheel pant, inboard rear side	e	
	ling Avia	tion, Inc.		Chad Dawson	
	15.75 Ro		ml Pmm	A&P3432546 ———	
Delt	ta Co 814	16	Alle Maria		
Den		•	D-4- 0/11/2020		
	51 F				
, N15	51F	wed noce wh	Date 8/11/2020 Hobbs 1975.		
" N15	<ol> <li>Remo</li> </ol>	oved nose wh	neel pant checked torque of nose wheel for	ork attach bolts re installed wheel pant.	
, N15	51F  1. Remoling Aviat  15.75 Roa	oved nose wheion, Inc.	heel pant checked torque of nose wheel for	ork attach bolts re installed wheel pant.  Chad Dawson  A&P3432546	

DATE

TOTAL TIME IN SERVICE

TACH OR RECORDING METER

#### DESCRIPTION OF WORK PERFORMED-SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

N1551F

DATE 10/06/2020

Tach- 1986.30

AFTT- 1986.30

Performed a 100 hr Inspection in accordance with FAR 43 appendix "D".

- Tested ELT per FAR 91.207. Battery replacement next due 10/2023
- Cleaned and repacked wheel bearings 2.
- Replaced brake pads. 3.
- Dressed small nick in engine mount left rear side and painted where prop cable was chafing. 4.
- Re- glued cat track on oil cooler diversion door.
- Replaced nose gear mount bolts, serviced nose strut with nitrogen and rebalanced nose wheel tire.
- Removed zip ties from engine mount.
- Performed coin tap on small crack in left wing forward of wing walk. No tone change in test. Crack appears to be paint. 8.
- Replaced packings on left caliper brake pucks. 9.
- 10. Replaced 1 aircraft battery.
- 11. Replaced oil pan heater leads with handshake connectors.
- 12. Complied with AD 2007-07-06 R1 aileron and elevator control rods. Next due at next Annual.
- 13. Installed engine baffle high temperature scalant to rear section, areas on both sides and front section.

I certify this airframe was inspected in accordance with a 100 hr Inspection and was determined to be in an airworthy condition.

Smiling Aviation, Inc.

870 15.75 Road Delta Co 81416

Steven A. Charlesworth

A&P3659378 970-874-5181

N1551F

DATE 10/06/2020

Tach- 1986.30

AFTT- 1986.30

Performed an Annual Inspection in accordance with FAR 43 appendix "D".

I certify this airframe was inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

Smiling Aviation, Inc.

870 15.75 Road

Delta Co 81416

Charles Hendricks

Ronald G. Widner A&P523313326IA 970-874-5181

#### Aircraft Logbook Entry, by Yingling Aviation for: N1551F Cessna LC41-550FG S/N 41721

Removed interior as needed for window replacement. Installed new aft Right window, P/N 2811110-6, using Prepreg Window Retainer, Aft RH, P/N 2811111-6-1, in accordance with LC-550FG Series Structural Repair Manual, 3040FR, Rev 2, dated 07-01-2015, Chp 56-10-00, Window Repiacement and Bonding Procedure. Installed interior after window install. Painted repair area R/H rear window IAW Model LC41-550FG/T240 M/M, Rev 6, Chp 51-70-00, Paint repair and Painting – Maintenance Practices.

I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.

Completed by Yingling Aviation P.O. Box 9248, Wichita, KS 67277 FAA CRS #YN8R621Y Phone 316-943-3246 Signature:

**Date Completed** Work Order# Hobbs Hours Tach Time Aircraft Total Time

04-12-2021 SVC24242 2032.7 2032.7 2032.7

TOTAL—Carry forward to next page

SUB-TOTAL this page

ATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	SIGNATU	DESCRIPTION OF WORK PERF RE & CERTIFICATE NO. OF PERSON	
		TOTAL brou	ught forward from previo	ous page	2.45
	MATRY SEE	NK'ES	AIRFRAME	Logbook Entry	Registration: N1551F Make-Columbia
1	G Aviatio	n Services dt Dr. #23D		Hobbs-2035.4	Model-LC41-550FG Serial-41721
102	Conroe, Tx				Scridi 12722
1. Re			ain door weather stri	pping	
10.	•	_	and the second s	sing leading edge turbulato	or's
-			•	eplaced right recognition li	
-		-	-	th FAA regulations and app	T  _
9.0	-			othy condition, and is appro	
			ork performed this da		
S 2500	19 19	14 dr. 144 Cr.	Authorized Signatur		Gary Barber
ש ש	ite-6-2	1-2021	C	ALL'	A&P 3723248 IA
		1	AIDEDAM	E LOCDOOK ENTRY	70 0 000
		-		E LOGBOOK ENTRY	
			07/16/2021 N1551F	Tach: 2036.3 TT: 2036.3	
		The ATO	C Transponder tests and inspections r , Appendix E and F. Work Order No.	required by FAR 91.413 were found in compliant 23991.	ce with
		Signe	at Col	Rite-Way Avia	ation, Inc.
			signature of authorized representa		VYR832L
		1		, or , and a series of the ser	
			AIRFRAI	ME LOGBOOK ENTRY	
		91.207(d static wick tensioner of 7-06R1 Verified p strut. The inspected service that this an airwork tension of the following tension of the foll	). Left battery capacity tested at 102 kresistance check, four new wicks in d. Verified prior compliance with AD 2 (linear bearings) by inspection. SEB prior compliance with SEB-28-02 (presis aircraft, airframe, aircraft engine, production of the Fede pertinent details of the repair are on faircraft has been inspected in accordately condition.	Tach: 2036.3 TT: 2036 D to Part 43. ELT inspected in accordance with 1%. New right battery S/N 41141052 installed. stalled. Alternator and air conditioner belts insp 2013-11-10 (proper use of brakes). Complied w -78-01 (tailpipe clearance) complied with by insp ssure switch sealing). Serviced and shimmed n opeller or appliance identified above was repair real Aviation Administration and is approved for i file at this repair station under Work Order 2399; save with a(n) annual inspection and was detern	PAR Performed bected and mith AD 2007- pection. ose gear red and return to 1. I certify mined to be in
		S	signature of authorized repres		Aviation, Inc. n YWYR832L ————————————————————————————————————
L.	MAKE: Ce MODEL: L S/N: 4172 REG. NO: WORK OF	.c41-550fg	Chuck's Aircra 6200 Aviation Dr. AC Austin Executive Airp Pflugerville, TX 7866 Phone: 512-610-311	101 oort 0	DATE: 7/20/2021 A/C TSN: HOBBS: 2043.3
		e Entries oil pressure transdu	cer, p/n P265-100G-E4A, operations	al check satisfactory, no leaks noted.	
N 212 20 1	Robert Mo	Bride, Jr.	The Items Listed Above:	Lum	
	DATE: 7	/20/2021	SIGNED:  Robert McBride, Jr., A&P: 27	72-1-1	Work Order: 4329 Printed by EBis 3 (datcomedia.com)
		SUB-TOTAL	this page		

Page No. TOTAL TIME TACH OR RECORDING DESCRIPTION OF WORK PERFORMED-DATE METER IN SERVICE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK TOTAL brought forward from previous page 1410 Jet Stream Drive, Suite 100 A/C Reg: N1551F Henderson, NV 89052 A/C SN: 41721 Phone: 702-735-2739 CRS: 9VNR950B WO: N1551F-MXP-5519 A/C TT: UNK Date: 8/4/2021 Hobbs: 2055.1: Removed and reinstalled nose wheel assy after checking balance and repacking wheel bearings IAW AMM 32-20-00. OK. I certify that this Aircraft has been maintained in accordance with manufacturers M/M and the requirements of 14 CFR Part 43 and with respect to the work performed is airworthy. Pertinent details are on file under W/O# 5519 Richard A. Wengjen: Hobbs: 2093.9 Aircraft Model-Columbia LC41-550FG N1551F W.O.# 23138 10/16/21 Replaced left main tire and tube with new Goodyear FLC II tire and Goodyear FM tube Cleaned inspected and repacked wheel bearings For Procraft Aviation, Inc. FAA Certified Repair Station JI3R606I 1961 Aviation Dr. Corona, Ca. 92878 Signed Stephen Panagotacos 1410 Jet Stream Drive, Suite 100 A/C Reg: N1551F Henderson, NV 89052 A/C SN: 41721 Phone: 702-735-2739 CRS: 9VNR950B WO: N1551F-MXP-5609 A/C TT: UNK 10/8/2021 Hobbs: 2087.5 Airframe Log Date: Replaced Garmin range knob on copilots Multi-Function Display with new P# 430-00035-10, NSN IAW Garmin G1000 Maintenance Manual P# 190-00907-00. OK. Checked and serviced all tires IAW AMM Chapter 6-00-00. OK. Checked and adjusted induction heat cable IAW AMM 76-25-00. OK. Removed and replaced Right main gear brake caliper assy with new P# 016-01802, NSN IAW AMM 32-40-00. Bled brakes and leak checked and found OK. I certify that this Aircraft has been maintained in accordance with manufacturers M/M and the requirements of 14 CFR Part 43 and with respect to the work performed is airworthy. Pertinent details are on file under W/O# 5609 Richard A. Wengjen

1410 Jet Stream Drive, Suite 100 A/C Reg: N1551F DATE Henderson, NV 89052 VIXTION A/C SN: 41721 Phone: 702-735-2739 CRS: 9VNR950B WO: N1551F-MXP-5833 A/C TT: 2151.7 Date: 2/8/2022 Airframe Log Hobbs: 2151.7 Replaced missing hardware from Left main wheel pant P# 2841104-15 NSN Spacer and AN6-34A Bolt and secured pant IAW AMM chapter 32-10-00. OK. Removed and replaced pilot's door gas strut with new p# SPD-GSNI-2300-80 NSN IAW Cessna AMM 52-10-00. Operationally checked and found OK. Removed and replaced pilot's door seal with new P# R581667 IAW Cessna AMM 20-50-00. Operationally checked door and found OK. Checked and lubricated all controls IAW Cessna AMM 20-00-00. Checked and found OK. I certify that this Aircraft has been maintained in accordance with manufacturers M/M and the requirements of 14 CFR Part 43 and with respect to the work performed is airworthy. Pertinent details are on file under W/O# 5833 Richard A. Wengjen: 1410 Jet Stream Drive, Suite 100 A/C Reg: N1551F Henderson, NV 89052 A/C SN: 41721 Phone: 702-735-2739 WO: N1551F-MXP-6275 TTAF: 2196.1 CRS: 9VNR950B ETTSrem 686.3 PTTSN 686.3 Prop OH Date 10/8/2012 AC Hobbs 2196.1 ACTT 2196.1 Performed annual inspection IAW Cessna 400 AMM and using checklist, lubricated and checked all systems. Performed ELT insp IAW 14 CFR 91.207(d) OK. Battery due 10/2023. Performed Airworthiness Directive AD 2007-07-06 R1 Flight control linear bearing inspection IAW MSB 07-002. OK. Next inspection due 12/2023. Inspected and rewrapped the Left Alternator wires as needed IAW AC 43.13. OK. Replaced missing leading edge Turbulator Triangles as needed with 8 on Left wing and 4 on right wing with P# 2820104-1 NSN IAW Cessna 400 AMM 57-10-00. OK. Replaced right brake insulators on brake pucks with new P# 088-00100 NSN IAW Cessna400 AMM 32-00-00 and CMM AWBCMM0001. OK. Removed and replaced both Left and Right brake caliper shims as needed IAW Cessna 400 AMM and CMM AWBCMM0001. OK. Removed and replaced nose wheel tire with new P# 505C01-2 S# installed 00480967 IAW Cessna 400 AMM 32-20-00. Serviced tire and leak checked OK. Removed and replaced the cabin inlet hose with new P# SCEET 10 hose IAW Cessna 400 AMM 21-40-00. Operationally checked and found OK. Replaced nut plate on nose wheel strut fairing with new P# MS21075-3. OK. Performed Service Bulletin SB 10-32-01 Nose strut shim installation due to shim working itself out. Removed engine to facilitate the shim installation. IAW SB instructions and Cessna 400 AMM 32-20-00 and 12-30-00. Operationally checked and found OK. Removed and reinstalled all oxygen bottles after hydrostatic test P# 100N4000-1 S# NN0543562, P# 100N4000-1 S# NN0557852, and P# 100N4000-2 S# NN0557869, IAW Cessna 400 AMM 35-00-00 and 35-10-00. Leak checked OK. Performed windshield frame inspection IAW Textron support advise and AC 43.13-1 Chapter 5 section8 and found OK at this time. Replaced Left main wheel brake caliper O-ring with new P# MS28775-222 bleed brakes and operationally checked OK IAW Cleveland CMM AWBCMM0001. OK. I certify that this airframe has been maintained / inspected I/A/W manufacturers maintenance manual and the requirements of 14 CFR part 43 and was determined to be in airworthy condition, pertinent details are on file under WO 6275. Richard A. Wengjen SUB-TOTAL this page TOTAL—Carry forward to next page

010D.	LC41-550FG 41721 2210.4	HANCOCIA VIATIO SALES I SERVICE	Υ <sub>2</sub>	Reg No.: Date: W/O No.:	N1551F 1/13/2023 1945
AFTT:  Work Compl * Installed no		A VII A TIL O	K2		
Vork Compl Installed no	2210.4	AIRFRAME MAINTENAN	W/O No		1343
Work Compl * Installed no			NCE ENTRY	Hobbs:	2210.4
Installed no					
Installed no		Description of Work A	ccomplished	•	
)10D.					
	ew Turbulator	Triangles P/N: 2820104-	1 on leading	edges as nee	ded per SL-06-
		urbulator Tape P/N: 88T		ontal per SL-	06-010D.
		eal P/N: <b>R581667</b> at Co-Pi	lot Door.		
•	•	r with new P/N: BA345E			
•		d air vent with new P/N:			
•		Pins with new P/N: <b>S485</b> 9			
	oor seal pum	coil assemblies with nev	w P/N: <b>S2800</b>	-1088 with r	new Rivnuts P/N:
95105A115					
-		vith new P/N: <b>86245</b>			
•		OB Static Wick with new I			
		ery with new P/N: RG24-			
	_	uisher P/N: <b>RT-A1200</b> Ma	nufactured:	2022	
* Installed n	ew Alternate A	Air Cable P/N: A-700BLK			
Inspections	Completed:				
* Completed	Annual Inspe	ection IAW Model LC41-5	50FG Mainte	nance Manu	al and current
FARs.					
		eck IAW FAR 91.207d. Ba	A CONTRACTOR OF THE PERSON OF		
		plete Visual Inspection ar	nd subsystem	s inspection	s per Garmin
G1000 Syste	m Maintenan	ce Manual			
* C/W AD <b>07</b>	<b>'-07-06 R1</b> Aile	eron and Elevator Control	Systems IAV	V Cessna SB-	07-002D. No
Defects Four	nd. Next Due:	1/13/2024	e engle of all each actions		
		Approval for Return			
		repaired and inspected in acc			
	wortny and is ap under this work o	proved for return to service. P	ertinent details	of the work pe	rrormed are on file
at this agency t	inder this work t	nuel. O 10 A	L		
		Joseph D (here	10-		
Authorized Sig	nature			Joseph B Ave	erett 2740243 IA/AP
	Hancock Aviat	ion LLC	Phone: (225)	800-2359 Fax:	(225) 224-6211
4	409 Chuck Yeag	The state of the s		fo@hancockav	
	Baton Rouge, L	A 70807	Web: wv	vw.hancockavi	ation.com

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Make:	Columbia		Reg No.:	N1551F	
Model:	LC41-550FG		Date:	2/29/2024	
Serial No.:	41721	HANCOCK A V I A T I O N SALES I SERVICE	W/O No.:	2317	
AFTT:	2271.9	AIRFRAME MAINTENANCE ENTRY	Hobbs:	2271.9	

#### **Description of Work Accomplished.**

#### **Work Completed:**

- \* Replaced LH Wingtip Static Wick with new P/N: **SD6-0001**
- \* Replaced LH Elevator Static Wick with new P/N: SD6-0001
- \* Replaced Number 2 Battery with new P/N: RG24-10 S/N: 41213684
- \* Replaced ELT Battery with new P/N: 452-6499 S/N: 1006682-041. Expires: 5/2030
- \* Replaced all Fluid Carrying hoses for airframe with new hoses provided by Precision Hose Technology
- \* Replaced Brake Caliper O-Rings with P/N: MS28775-222. Serviced brake system as needed
- \* Serviced Oxygen system with Aviators Breathing Oxygen
- \* Replaced Taxi Light Lamp with new P/N: 01-0770346-05

#### **Inspections Completed:**

- \* Completed **Annual Inspection** IAW Model LC41-550FG Maintenance Manual and current FARs.
- \* C/W ELT Operational Check IAW FAR 91.207d. Battery Due: 5/2030
- \* C/W G1000 System Complete Visual Inspection and subsystems inspections per Garmin G1000 System Maintenance Manual
- \* C/W AD **07-07-06 R1** Aileron and Elevator Control Systems IAW Cessna SB-07-002D. No Defects Found. Next Due: **2/28/2025**
- \* C/W AD **23-09-09** Exhaust Tailpipe V-Band Coupling. Found to be N/A by Clamp P/N. No Further Action Required

#### **Approval for Return to Service**

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

h B Chest

**Authorized Signature** 

Hancock Aviation LLC 4409 Chuck Yeager Avenue Baton Rouge, LA 70807 Joseph B Averett 2740243 IA/AP

Phone: (225) 800-2359 Fax: (225) 224-6211 Email: info@hancockaviation.com Web: www.hancockaviation.com

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