

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. A

Aircraft Registration No. N1551F
Aircraft Manufacturer Columbia Aircraft mfg.
Model LC41-550FG
Serial No. 41721

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

	Mfg.	Model	Serial No.
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			




AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965

(631) 765-9375
1-800-235-6444
FAX: (631) 745-9360


COLUMBIA

 m-1227
Authorized Signature for Columbia Aircraft Mfg.



COLUMBIA™

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

N1551F Hobbs: 3.4
Date: 4-13-2007
Lancair LC41-550FG
S/N: 41721

Installed Garmin G10XX TAWS Unlock, P/N 010-00330-51 in accordance with manufacturers instructions. 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

Reg	1551F	Model	LC41550FG	S/N	41721	WO# A-002319
Date	04/09/08	HM	227.7	TT		TSOH

PERFORMED CESSNA SB-07-016A FOR G1000 SYSTEM. UNLOCKED JEPPESEN CHARTVIEW
OPTION WITH CUSTOMER SUPPLIED SOFTWARE. SYSTEM GROUND TEST GOOD PER
SERVICE BULLETIN CHECKOUT PROCEDURES. <<<<<<<<<<END>>>>>>>>>>>>>>>>>>




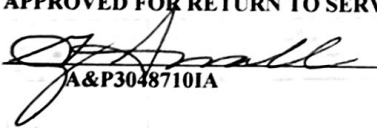
The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. END

APPROVED BY: RP M C INSPECTOR FOR

LANDMARK AVIATION, GREENSBORO, NC
FAA REPAIR STATION # PAI 5208A



LANDMARK
AVIATION

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK						
									
			AVIONICS ENTRY						
			Shop 26	Work Order 18268	Tail # N1551F	Make COLUMBIA	Model LC41-550FG	Serial # 41721	Hobbs Time 500.3
			Oper	Description					
			1.	COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH INDUSTRY STANDARDS.					
			2.	UPDATED TERRAIN DATABASES - AIRPORT TERRAIN CYCLE FROM 07A1 TO 08A2 TERRAIN CYCLE 07T1 TO 08T2. AIRCRAFT GROUND OPS CHECKED GOOD. WORK PERFORMED IN ACCORDANCE WITH GARMIN PILOTS GUIDE P/N 190-00552-01 REVISION D.					
			3.	COMPLIED WITH SB 08-34-05 G1000 SYSTEM SOFTWARE UPGRADE TO GDU 8.10 VERSION 534.09 OF WHICH UPDATED SYSTEM SOFTWARE FROM 0530.05 TO 0534.09 SYSTEM ID 2054C8E3A. AIRCRAFT GROUND OPS CHECKED GOOD. REFERENCE SB 08-34-05 G1000 SYSTEM SOFTWARE UPGRADE AND GARMIN G1000 MAINTENANCE MANUAL P/N 190-00577-03 REVISION E.					
			4.	AIRCRAFT OPERATIONAL CHECK AND FOUND SL-07-008D FQIS (FUEL QUANTITY INDICATION SYSTEM ELECTRICAL CURRENT INCREASE) HAS BEEN PREVIOUSLY COMPLIED WITH. SYSTEM SOFTWARE IS 0530.05 SYSTEM ID 2054C8E3A - ELECTRICAL PIGTAIL IS INSTALLED AT THE GEA 71.					
			<p style="text-align: center;">*****MAINTENANCE RELEASE*****</p> <p>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 THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 18268.</p>						
			DATE: 2/24/2009 EAGLE AVIATION, INC. 2861 AVIATION WAY WEST COLUMBIA, SOUTH CAROLINA 29170		SIGNED BY: 			FOR FAA APPROVED REPAIR STATION NO. FEHR859D	
									
			9200 Aviation Boulevard - Concord, NC 28027 - Voice (704) 784-3591 - Fax (704) 782-4772						
			3/27/09		N1551F		524.5 Hobbs		
			1)	REINSTALLED REPLACEMENT CHARTVIEW SOFTWARE ON S/N 41721 WITH SERVICE BULLEIN 07-34-01, SEE INSTALLATION OF CHARTVIEW, DATED 4/9/08.					
			2)	REINSTALLED REPLACEMENT TAWS-B SOFTWARE ON S/N 41721 WITH SERVICE BULLETIN 06-34-03, SEE INSTALLATION OF TAW-B, DATED 4/13/07.					
			THE MAINTENANCE IDENTIFIED ABOVE HAS BEEN INSPECTED AND THE ITEMS IS APPROVED FOR RETURN TO SERVICE, UNDER W.O. 5863						
					FOR SPITFIRE AVIATION, INC A&P30487101A				

DATE _____



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

I CERTIFY THAT THE ATC TRANSPONDER TEST REQUIRED BY
FAR 91.413, HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH
FAR 43, APPENDIX F.

#1 MAKE GARMIN MODEL GTX 33 S/N 891035676
#2 MAKE _____ MODEL _____ S/N _____
#1 MODE "C" SYSTEM MODEL GDC 74A S/N 47807566
#2 MODE "C" SYSTEM MODEL _____ S/N _____

DATE 4-14-09 WO # 5895 #8

SIGNED Robert P Jeman FOR
SPITFIRE AVIATION, INC. CRS# S1FR993Y



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

AIRCRAFT TESTED AS REQUIRED BY FAR 91.411, IAW FAR 43, APPENDIX "E"

1. PILOTS STATIC SYSTEM: PER PARAGRAPH (a)
2. CO-PILOTS STATIC SYSTEM: PER PARAGRAPH (a)
3. LH ALTIMETER: PER PARAGRAPH (b) to 20000 FT S/N 47807566
4. RH ALTIMETER: PER PARAGRAPH (b) to _____ FT S/N _____
5. #1 MODE "C" SYSTEM PER PAR. (c) MODEL ADC-74A S/N 47807566
6. #2 MODE "C" SYSTEM PER PAR. (c) MODEL _____ S/N _____

PERFORMED ITEM (S) # 7 WO# 5895

SIGNED Robert P Jeman DATE 4-16-2009 for
SPITFIRE AVIATION, INC. CRS# S1FR993Y

ALTIMETER SCALE CORRECTIONS

CORRECTIONS

Altimeter Model 5035-01102 SN 174970

SN 47807566

Altimeter Reads	Observed Reading
-1000	0
0	0
500	0
1000	0
1500	0
2000	+10
3000	+20
4000	-5
6000	+20
8000	-25
10000	0

Altimeter Reads	Observed Reading
12000	0
14000	-10
16000	-15
18000	-20
20000	-30
22000	-40
25000	-50
30000	-80
35000	-100
40000	X
45000	X
50000	X

Altimeter Reads	Observed Reading
12000	0
14000	0
16000	0
18000	0
20000	0
22000	0
25000	0
30000	0
35000	0
40000	X
45000	X
50000	X

Tomlinson Avionics of Florida, Inc.

of Florida, Inc.

521 Danley Drive

Drive

Fort Myers, FL 33907

33907

NISSIF

Repair Station No. V6TR097X

V6TR097X

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
11/3/13	1584.4		VOR Test - Dual to 0° <i>[Signature]</i>



COLUMBIA LC41-550FG, SN 41721, N1551F

TT: 1641.9

Adjusted baroscale on Stby. Altimeter.

I certify that the altimeter, static system, transponder, and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within limits of FAR 43 appendix E, para. C and appendix F. Tested to 25,000 feet.

Altimeter model: #1 - GDC74A SN 47807566

#2 - 15035-01102 SN 174970

Transponder: #1 - GTX33 SN 89103576

Altitude reporter: #1 - GDC74A SN 47807566

WO # 24020 DATE: 06/22/2015

BY: *[Signature]*10000 Flying Cloud Drive
Eden Prairie, MN 55347952 / 941-2783
800 / 525-2783
fax 952 / 941-0206

C.R.S. QI2R110L



COLUMBIA LC41-550FG, SN 41721, N1551F

TT: 1642.9

Installed G1000 software version 0534.21 per Cessna SEB-34-06.

Function tested.

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 repair are on file at this repair station under: Work Order #24020 Dated 06/23/15

Signed: *[Signature]*10000 Flying Cloud Drive
Eden Prairie, MN 55347952 / 941-2783
800 / 525-2783
fax 952 / 941-0206

C.R.S. QI2R110L

N1551F

✦ SANTA FE

AERO SERVICES

Airframe Log

AVIONICS
MAINTENANCE
SALES

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

Date: 6-13-2017 Make: COLUMBIA Model: LC41-550FG S/N: 41721

Tach: N/A Hobbs: 1718.6 TTAF: 1718.6

THE ALTIMETER TEST AND INSPECTIONS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43 APPD. E (B). THE AIRCRAFT STATIC SYSTEM HAS BEEN TESTED AS REQUIRED BY FAR 91.411 AND FOUND TO COMPLY WITH FAR 43 APPD. E (A).

(ADC S/N) 47807566 (Date) 6-13-2017 (Tested to) 25,000 FT.

(STANDBY S/N) 174970 (Date) 6-13-2017 (Tested to) 25,000 FT.

THE TRANSPONDER TEST AND INSPECTIONS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43 APPD. F. THE INTEGRATED SYSTEM WAS TESTED AS REQUIRED BY FAR 91.413 AND FAR 91.217 AND FOUND TO COMPLY WITH FAR 43 APPD. E(C).

(#1 MODEL NO.) GTX 33 (S/N) 89103576 (Date) 6-13-2017

BRANDON MAESTAS FOR PUVR537X

Brandon Maestas

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # AV-17-0622

DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
TIME
IN
SERVICEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Registration #N1551F

I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 Appendix F.

Transponder Model# GTX-33 S/N 89103576

Signature *Dan L. Moore* Date: 10/7/19
Certification No. 2347550 for Butler Avionics, Inc.
FAA Repair Station TF2R185L

Registration # N1551F

I certify that the following equipment and associated pitot/static systems were tested as required by FAR 91.411, FAR 43, Appendix E, FAR 23.1325, FAR 25.1325, and/or RVSM requirements found in

Pilot's Altimeter/ADC: GDC-74A S/N 47807566

Co-Pilot's Altimeter/ADC:

STDBY Altimeter: 15035-01102 S/N 174970

Remote Encoder/ADC:

RVSM Compliance:

MAX Test Altitude to 30,000 Feet

Signature *Dan L. Moore* Date: 10/07/2019

Certification No. 2347550 for Butler Avionics, Inc.

FAA Repair Station TF2R185L

DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
TIME
IN
SERVICEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

N1551F
Cook Process Solutions LLC
Cessna 400
S/N 41721



DATE: 1/20/20
HOBBS: 1929.3
Total Time: N/A
WO# 1587

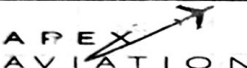
AIRFRAME

1. Removed Garmin GTX 33 transponder P/N 011-00779-10 S/N 89103576 and installed a Garmin GTX 335 transponder P/N 011-03301-40 S/N 3EF420174. Also installed a Garmin GA 35 GPS antenna P/N 013-00235-00 S/N 176526 in the aft avionics bay next to the factory installed #2 GPS/ XM antenna. Performed all work in accordance with Garmin GTX 335 STC SA01714WI Installation Manual. Also installed the equipment in accordance with AC 43.13-1B chapters 11 and 12, and AC 43.13-2B chapter 2 and 3. This system has been tested per the manufacturer's instructions and confirms that this installation operates properly and safely without any adverse effects off EMI to any equipment within the aircraft. Additionally, the electrical load analysis was determined to be within the appropriate limits and does not exceed 80% of the ship's alternator rating. Revised weight, balance, and equipment list. Installed Garmin GTX 335 Flight Manual Supplement in the POH Document # 190-00734-15 Rev 4 dated 8/31/19. Installed GTX 345 Instructions For Continued Airworthiness sections 4.1 thru 4.7 with the 337. Refer to FAA form 337 dated 1/20/20 for further details.

THIS AIRCRAFT HAS BEEN RETURNED TO SERVICE BY:

JANSON FINKBEINER

FAA Repair Station #4JFR947B

	1410 Jet Stream Drive, Suite 100 Henderson, NV 89052 Phone: 702-735-2739	A/C Reg: N1551F
		A/C SN: 41721
CRS: 9VNR950B	WO: N1551F-AVP-6043	A/C TT: UNK
Date: 6/27/2022	Airframe Log	Hobbs: 2196.1

Removed and replaced Garmin GMU 44 Magnetometer with overhauled unit from Garmin International P# 011-00870-00 Serial # installed 47508383. See 8130 attached. Installed baseline software as required and performed G1000 configurations. Swung compass and calibrated AHRS. All work performed IAW Cessna LC41-550 AMM 34-65-50. Operationally 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# 6043

Richard A. Wengjen:

wo: WO_152

Airframe · page 1 of 1

DAT



Nextgen Aviation · 9548 veterans memorial blvd · Baton Rouge , LA 70807 · 9852734293 · CRS#: 2XGR802D

N1551F**COLUMBIA AIRCRAFT MFG, LC41-550FG, S/N: 41721****January 16, 2023**

Performed checks required by 14CFR 91.411, 91.413, and appendix E and F of part 43. System was checked to 30,000 ft.

The aircraft and/or component(s) on N1551F was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Details of work performed are on file with Nextgen Aviation under work order: WO_152.

David Sprouse Repairman 2XGR802D

A handwritten signature in black ink, appearing to read "D Sprouse", written over a horizontal line.