



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. A

Aircraft Registration No. N124167

Aircraft Manufacturer Columbia Aircraft Mfg.

Model LC41-556 FG

Serial No. 41777

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.

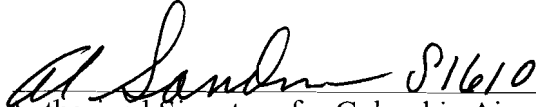
www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965

(631) 765-9375

1-800-235-6444

FAX: (631) 765-9359

© 1979 AeroTech Publications Inc.

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8-10-07	6.2	6.2	<div data-bbox="574 357 841 417" data-label="Image"> </div> <p data-bbox="542 493 1122 640">The Garmin GTX 33 Mode S Transponder, S/N 89104385 was tested as required by FAR 91.413, and was found to comply with FAR Part 43 Appendix F.</p> <p data-bbox="537 661 1170 789">  Authorized Signature for Columbia Aircraft Mfg. </p>

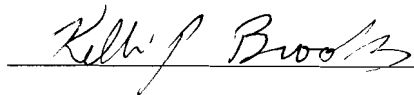


COLUMBIA™

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

N1241G
S/N 41777
LC41-550FG
Hobbs: 6.5
Date: 8/14/2007

Installed and activated the Garmin TAWS-B system, using the Garmin TAWS-B activation utility card (Garmin P/N 010-00330-51) per the G1000 Software Loading and Post Installation Checkout manual for the Columbia 350/400 (190-00577-02 Rev 3). The original software card was inserted into the aircraft log for use in the event of replacing the PFD or MFD.


 Kelli P. Brooks A&P 2852615

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING
C-RAY AVIONICS FAA REPAIR STATION #1CRR279B 970 Ben Epps Drive SUITE A * Athens, Georgia 30605 * 706-546-7969 AVIONICS LOG ENTRY			
ACFT:	N1241G	MFG:	LANCAIR
DOM:	2007	M/N:	LC41-550FG
DATE:	01-27-2009	S/N:	41777
		HOBBS:	202.7
		TACH:	N/A
		AFTT:	202.7
1. ACCOMPLISHED PART 91.411 ALTIMETER CERTIFICATION AND PITOT STATIC TEST IAW PART 43 APPENDIX F. 2. ACCOMPLISHED PART 91.413 TRANSPONDER TEST IAW PART 43 APPENDIX F. 3. COMPLETED CORRELATION TEST AND ALL CHECKS PER PART 43 APPENDIX E AND F. REFERENCE WORK ORDER#1241G012709 ON FILE AT C-RAY AVIONICS, INC. ALL WORK PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND MANUFACTURER'S MAINTENANCE IDENTIFIED ABOVE HAS BEEN INSPECTED, WAS DETERMINED TO BE IN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE.			
			Jason M Littrell CRS#1CRR279B

SCALE CORRECTIONS		
TEST INPUT	ALTIMETER READS	
ALTITUDE	PILOT	COPILOT
-1,000	-0	-0
0	-0	-0
500	-5	-10
1,000	-5	-10
1,500	-5	-20
2,000	-5	-20
3,000	-5	-20
4,000	-5	-30
6,000	-20	-30
8,000	-20	-40
10,000	-30	-60
12,000	-30	-60
14,000	-30	-80
16,000	-40	-80
18,000	-60	-100
20,000	-80	-100
22,000	-60	-120
25,000	-80	-120
30,000	-100	-140
35,000	-120	-140

C-RAY AVIONICS, INC
970 BEN EPPS DRIVE SUITE A
ATHENS, GA 30605
FAA CRS. 1CRR279B

Avionics West, Inc. dba Avwest Atlanta
 2600 Cessna Lane Kennesaw, Ga 30144
 WO#7601 DATE: 11-23-2009 N# 1241G
 Tel: 770-426-9411 Fax: 770-426-6208
 A 2 year IFR Certification was performed on this aircraft. Complies with FAR 43 appendix E and F, FAR 91.411 FAR 91.413. Altimeter tested per FAR 43 appendix E section (b). This Av and component was repaired and inspected in accord w/ current FARs and is approved for return to service.

Avwest Atlanta #1 APL
 P.O. Box 2032 Kennesaw, GA 30156
 Phone: 770-426-9411 FAX: 770-426-6208
 Date: 11-24-09 WO# 7601 N# 1241G

ALTIMETER SCALE ERROR		VWIR654K	
NONMENCLATURE		SER# 47807983	
ALTIMETER PRESSURE			
TEST PT (FT)	INDICATOR READINGS	TEST PT (FT)	INDICATOR READINGS
-1000	-15	10000	-5
000	-20	12000	-5
500	-20	14000	+5
1000	-20		
1500	-25	16000	0
2000	-20	18000	-5
3000	-15	20000	-15
	-30		
	-10		
	+5		
	+15		

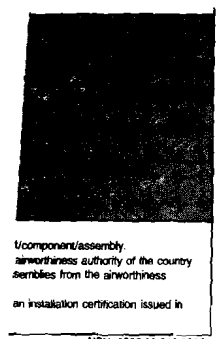
ITEM: 1 2584
 1-Approving National Aviation Authority / Country: FAA/UNITED STATES
 2. AUTHORIZE! FAA FORM 8130-3
 4 Organization Name and Address: Cessna Aircraft Corp Cessna Parts Distribution 5800 E Pawnee, Wichita,

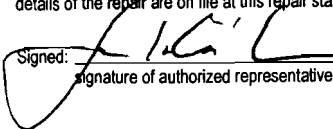

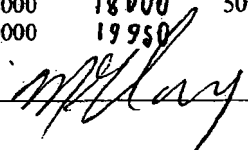
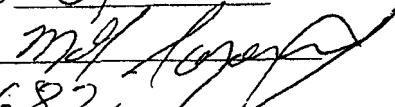
#1 ADC 35K

AVIONICS WEST, INC.

SERVICEABLE PART
 MFG. GARMIN
 MODEL NO. GOC7AA
 PART NAME AIR DATA COMPUTER
 PART NO. 011-20822-00 SER. NO. 47807983
 REG. # TAT CYCLES
 BENCH CHECKED REPAIRED
 OVERHAULED
 OWNER BLAIR ARMSTRONG
 MAINTENANCE RELEASE
 The aircraft and/or the component identified above was repaired or inspected in accordance with current Federal Aviation Agency Regulations and was found air worthy for return to service. Details of the repair are on file under Work Order.

WOW 7601
 DATE 11-24-09 SIGNED [Signature]
 AVIONICS WEST, INC.
 VWIR654K



DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																																																						
			<p>11-15-10 N1241G TACH: 315.5 TT: 315.5</p> <p>Complied with SB10-34-02 (Synthetic Vision) by SVT enablement. This 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 18167.</p> <p>Signed:  _____ signature of authorized representative</p> <p style="text-align: right;">Rite-Way Aviation, Inc. Repair Station YWYR832L 7814 Eagle Lane, Spring, TX 77379</p>																																																						
			<p>08/23/2011 N1241G S/N41777 WO18654</p> <p>INSPECTED ME406 EMERGENCY LOCATOR TRANSMITTER(ELT) P/N 453-6603 S/N 04301. BATTERY EXPIRATION DATE IS JUL/2012. BENCH CHECKED ELT OUTPUT AND ITS DATA OUTPUT CONFORMS. COUNTRY 366 AND HEX ID ADCC404334 00261 REPORTED CORRECTLY. G SWITCH TEST OK. INSPECTION OF UNIT WAS CLEAN WITH NO CORROSION. IT MEETS THE REQUIREMENTS OF FAR 91.207, TASK 25-61-03-210 AND TASK 25-61-03-710. THE WORK WAS DONE IN ACCORDANCE WITH FAA AVIATION REGULATIONS AND WAS RETURNED TO SERVICE.</p> <p>SOLAPP Avionics Inc. CRS OSJR598L 12888 Highway 6 S. STE 105 Sugar Land, TX 77498</p> <p style="text-align: right;"></p>																																																						
			<p>SOLAPP AVIONICS INC. CRS #OSJR598L Altimeter scale Altimeter S/N <u>15035-01102</u> Correction Card Part No. <u>176247</u></p> <table border="0"> <thead> <tr> <th>ALT.FT.</th> <th>READS</th> <th>ALT.FT.</th> <th>READS</th> <th>ALT.FT.</th> <th>READS</th> </tr> </thead> <tbody> <tr> <td>-1000</td> <td>-1010</td> <td>6000</td> <td>5990</td> <td>22000</td> <td>21980</td> </tr> <tr> <td>0</td> <td>0</td> <td>8000</td> <td>7990</td> <td>25000</td> <td>24960</td> </tr> <tr> <td>500</td> <td>490</td> <td>10000</td> <td>9990</td> <td>30000</td> <td>29990</td> </tr> <tr> <td>1000</td> <td>1000</td> <td>12000</td> <td>11990</td> <td>35000</td> <td></td> </tr> <tr> <td>1500</td> <td>1510</td> <td>14000</td> <td>13980</td> <td>40000</td> <td></td> </tr> <tr> <td>2000</td> <td>2020</td> <td>16000</td> <td>15990</td> <td>45000</td> <td></td> </tr> <tr> <td>3000</td> <td>3000</td> <td>18000</td> <td>18000</td> <td>50000</td> <td></td> </tr> <tr> <td>4000</td> <td>4000</td> <td>20000</td> <td>19950</td> <td></td> <td></td> </tr> </tbody> </table> <p>Inspected and released by:  Date: <u>9-9-11</u></p>	ALT.FT.	READS	ALT.FT.	READS	ALT.FT.	READS	-1000	-1010	6000	5990	22000	21980	0	0	8000	7990	25000	24960	500	490	10000	9990	30000	29990	1000	1000	12000	11990	35000		1500	1510	14000	13980	40000		2000	2020	16000	15990	45000		3000	3000	18000	18000	50000		4000	4000	20000	19950		
ALT.FT.	READS	ALT.FT.	READS	ALT.FT.	READS																																																				
-1000	-1010	6000	5990	22000	21980																																																				
0	0	8000	7990	25000	24960																																																				
500	490	10000	9990	30000	29990																																																				
1000	1000	12000	11990	35000																																																					
1500	1510	14000	13980	40000																																																					
2000	2020	16000	15990	45000																																																					
3000	3000	18000	18000	50000																																																					
4000	4000	20000	19950																																																						
			<p>This altimeter has been tested to <u>30,000</u> feet.</p> <p>Date <u>9-9-16</u> Signed </p> <p>Work Order Number <u>18682</u></p> <p>SOLAPP AVIONICS INC. CRS OSJR598L SUGAR LAND MUNICIPAL AIRPORT 12888 Highway 6 South Sugar Land, TX 77498</p> <p style="text-align: right;">P/N 15035-01102 S/N 176247</p>																																																						

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																																																		
			<p>SOLAPP AVIONICS INC. CRS #OSJR598L Altimeter scale Altimeter S/N <u>GDC 74</u> Correction Card Part No. <u>47807873</u></p> <table border="0" style="width: 100%;"> <tr> <td>ALT.FT.</td> <td>READS</td> <td>ALT.FT.</td> <td>READS</td> <td>ALT.FT.</td> <td>READS</td> </tr> <tr> <td>-1000</td> <td>-1015</td> <td>6000</td> <td>5985</td> <td>22000</td> <td>21970</td> </tr> <tr> <td>0</td> <td>-15</td> <td>8000</td> <td>7985</td> <td>25000</td> <td>24965</td> </tr> <tr> <td>500</td> <td>485</td> <td>10000</td> <td>9990</td> <td>30000</td> <td>29865</td> </tr> <tr> <td>1000</td> <td>995</td> <td>12000</td> <td>11985</td> <td>35000</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">X</td> </tr> <tr> <td>1500</td> <td>1485</td> <td>14000</td> <td>13980</td> <td>40000</td> </tr> <tr> <td>2000</td> <td>1985</td> <td>16000</td> <td>15975</td> <td>45000</td> </tr> <tr> <td>3000</td> <td>2985</td> <td>18000</td> <td>17970</td> <td>50000</td> </tr> <tr> <td>4000</td> <td>3985</td> <td>20000</td> <td>19975</td> <td></td> </tr> </table> <p>Inspected and released by: <u>[Signature]</u> Date: <u>9-9-11</u></p> <p>I certify that the altimeter static systems and altitude reporting equipment were tested and meet the requirements of FAR 91.411 and FAR 43 Appendix E. Altimeter tested to <u>30,000</u> feet.</p> <p>Signed: <u>[Signature]</u> Date: <u>9-9-11</u> Work Order Number: <u>18682</u></p> <p>SOLAPP AVIONICS INC. CRS OSJR598L SUGAR LAND MUNICIPAL AIRPORT GDC 74 12888 Highway 6 S. N1241G Sugar Land, TX 77498</p> <p>I certify that the transponder in this aircraft has been tested and meets the requirements of FAR 91.413 and FAR 43-Appendix F. Signed: <u>[Signature]</u> Date: <u>9-9-11</u> Work Order Number: <u>18682</u> Certified Repair Station <u>OSJR598L</u></p> <p>SOLAPP AVIONICS INC BTX 73 SUGARLAND MUNICIPAL AIRPORT 12888 Highway 6 S. STE 105 Sugar Land, TX 77498</p> <p>10/17/2012 N1241G S/N 41777 WO 19452</p> <p>REMOVED EXPIRED ELT ARTIX BATTERY P/N452-6499 AND INSTALLED NEW P/N 452-6499 REV. E WITH THE EXPIRATION DATE OF OCT/2019. CHECKED ME-400 P/N453-6003 S/N043011 FOR MOISTURE AND CORROSION. NO PROBLEMS FOUND. THE G SWITCH AND POWER OUT OPERATION CHECKED NORMAL. COUNTRY CODE 366 AND HEX ID: A7C044334 80261 REPORTED CORRECTLY. I AM IN FULL COMPLIANCE WITH THE REQUIREMENTS OF FAR 91.267 AND TASK 23-82-10-750-800. THE WORK WAS PERFORMED IN ACCORDANCE WITH FAA AVIATION REGULATIONS AND THE UNIT WAS RETURNED TO SERVICE.</p> <p>SOLAPP Avionics Inc. CRS OSJR598L 12888 Highway 6 S. STE 105 Sugar Land, TX 77498</p> <p style="text-align: right;"><u>[Signature]</u></p>	ALT.FT.	READS	ALT.FT.	READS	ALT.FT.	READS	-1000	-1015	6000	5985	22000	21970	0	-15	8000	7985	25000	24965	500	485	10000	9990	30000	29865	1000	995	12000	11985	35000	X	1500	1485	14000	13980	40000	2000	1985	16000	15975	45000	3000	2985	18000	17970	50000	4000	3985	20000	19975	
ALT.FT.	READS	ALT.FT.	READS	ALT.FT.	READS																																																
-1000	-1015	6000	5985	22000	21970																																																
0	-15	8000	7985	25000	24965																																																
500	485	10000	9990	30000	29865																																																
1000	995	12000	11985	35000	X																																																
1500	1485	14000	13980	40000																																																	
2000	1985	16000	15975	45000																																																	
3000	2985	18000	17970	50000																																																	
4000	3985	20000	19975																																																		