

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**

AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. A

Aircraft Registration No. N4455

Aircraft Manufacturer The Lancair Co.

Model LC 41-550 FL

Serial No. 41048

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1. <u>GARMIN</u>	<u>GNS 430 bottom</u>	<u>P/N 011-00280-10 - *97124102*</u>
2. _____	<u>top</u>	<u>*97124011*</u>
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____
10. _____	_____	_____
11. _____	_____	_____
12. _____	_____	_____
13. _____	_____	_____
14. _____	_____	_____
15. _____	_____	_____
16. _____	_____	_____
17. _____	_____	_____
18. _____	_____	_____
19. _____	_____	_____
20. _____	_____	_____



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[illegible]

THE LANCAIR COMPANY

The Garmin GTX 327 Mode
83718167 was tested as requ
Lancair Document SC24000
comply with FAR Part 43 Ar

Authorized Signature for The

~~PFD~~  Altimeter

Reads	Add
-1000	-15
0	-20
500	-20
1000	-20
1500	-25
2000	-25
3000	-30
4000	-30
6000	-30
8000	-30

Date 4 FEB 02

Tested by

~~Scale C~~

PFD Altimeter

Reads	Add
-1000	-20
0	-20
500	-20
1000	-20
1500	-20
2000	-25
3000	-30
4000	-30
6000	-40
8000	-40

Date 7 FEB 07

Tested by

I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altimeter tested to 20000 Ft. N 4455

IAW FAR 43 App. E on 7 FEB 07

Signed J. Shurtz Date 7 FEB 07

Northcoast Services c/s WR3R955L Time 161.5

I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altitude(s) tested to 20000 Ft. N 4455

IAW FAR 43 App. E on 4 FEB 09

Signed J. Smith Date 4-FEB-09

Northcoast Services crs WR3R955L Time 235.7

I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altimeter(s) tested to 25000 Ft. N 4455

IAW FAR 43 App. E on 2 FEB 11

Signed [Signature] Date 2 FEB 11

Northcoast Services c/s WR3R955L Time 312.9

I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altitude(s) tested to 25000 Ft. N 44.55

IAW FAR 43 App. E on 4 Nov 15

Signed S. Grant Date 4 NOV 15

Northcoast Services crs WR3R955L Time 316.0

Reads	Add
-1000	-10
0	-10
500	-10
1000	-10
1500	-15
2000	-10
3000	-5
4000	-
6000	+5
8000	+15

Date: 4 NOV 15

Tested by: *[Signature]*

Scale Co

PFD Altimeter

Reads Add

-1000	-15
0	-15
500	-15
1000	-20
1500	-20
2000	-25
3000	-25
4000	-25
6000	-25
8000	-25

Date 2 FEB 11

Tested by [Signature]

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
MAKE: Lancair MODEL: LC41-550FG S/N: 41048 REG. NO: N4455 WORK ORDER: 2199-10-2020	Advanced Avionics Solutions LLC Repair Station No. GGUR269E 10394 N Aero Dr Hayden, ID 83835 Phone: 208 209-7328	DATE: 12/14/2020 A/C TSN: 565.7 HOBBS: 565.7	
Avionics Entries Tested altimeters, Pitot Static Systems, and Altitude reporting equipment to 25,000' per FAR 91.411. All tests ok. Tested transponder per FAR 91.413. Tested all functions. All tests ok. Found system to comply with part 43 Appendix E and F this date.			
#1 Altimeter P/N <u>EF01000</u> S/N <u>22406085</u> #2 Altimeter P/N <u>5934PAD-3</u> S/N <u>441458</u>			
#1 Trans Model# <u>6TX335</u> S/N <u>3EE426462</u> #2 Trans Model# <u>-</u> S/N <u>-</u>			
Mode C / Encoder Model # <u>EF05000</u> S/N <u>11</u> Static System <u>62</u> Ft/Min			
The aircraft and/or component(s) on N4455 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Work performed IAW Midstate Aviation Inc Repair Station #GGUR269E. Pertinent details of the repair are on file at this repair station under Work Order No. 2199-10-2020, Dated 12/14/2020.			
DATE: 12/14/2020	SIGNED: <u>Barry P. Huck</u>	Work Order: 2199-10-2020	
Barry Huck Certified Repair Station No. GGUR269E			Printed by EBis 3 (datcomedia.com)
MAKE: Lancair MODEL: LC41-550FG S/N: 41048 REG. NO: N4455 WORK ORDER: 2926-01-2023	Advanced Avionics Solutions LLC Repair Station No. ADAR984D 10394 N Aero Dr Hayden, ID 83835 Phone: 208 209-7328	DATE: 1/4/2023 A/C TSN: 649 HOBBS: 649	
Avionics Entries Tested altimeters, Pitot Static Systems, and Altitude reporting equipment to 20,000' per FAR 91.411. All tests ok. Tested transponder per FAR 91.413. Tested all functions. All tests ok. Found system to comply with part 43 Appendix E and F this date.... Updated GTX 335 software per Garmin S.B. #22100 REV A. Main v2.80, Audio v2.52, and GPS v8.2. Updated GTX 335 AFMS to REV 5. Updated both GTN 650Xi's software per Garmin S.B. #22071 REV A. Main v20.24, WAAS Board v8.2, COM Board v2.02 and NAV Board v2.02. Updated GTN 650Xi AFMS to REV 5.			
#1 Altimeter P/N <u>EF05000</u> S/N <u>22406085</u> #2 Altimeter P/N <u>5934PAD-3</u> S/N <u>441458</u>			
#3 Altimeter P/N <u>-</u> S/N <u>-</u> Trans Model # <u>GTX 335</u> S/N <u>3EE426462</u>			
Mode C / Encoder Model # <u>EF05000</u> S/N <u>22406085</u> Static System <u>-65</u> Ft/Min			
The aircraft and/or component(s) on N4455 was repaired and/or inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Work performed IAW Advanced Avionics Solutions Repair Station #ADAR984D. Pertinent details of the work performed are on file at this repair station under Work Order No. 2926-01-2023, Dated 1/4/2023.			
DATE: 1/4/2023	SIGNED: <u>Tyler Huck</u>	Work Order: 2926-01-2023	
Tyler Huck Certified Repair Station No. ADAR984D			Printed by EBis 3 (datcomedia.com)
MAKE: Lancair MODEL: LC41-550FG S/N: 41048 REG. NO: N4455 WORK ORDER: 3825-01-2025	Advanced Avionics Solutions LLC Repair Station No. ADAR984D 10394 N Aero Dr Hayden, ID 83835 Phone: 208 209-7328	DATE: 1/22/2025 A/C TSN: 734.9 HOBBS: 734.9	
Avionics Entries Performed tests and inspections as required by FAR 91.411 and 91.413. Tested altimeters, Pitot Static Systems, and Altitude reporting equipment to 20,000'. All tests ok. Tested transponder system. Tested all functions. All tests ok. Found system to comply with part 43 Appendix E and F this date.... Updated GTX335 Software to Main v2.90 per Garmin SB#24082 REV A. Updated GTX335 AFMS to REV 6. Updated GTN650Xi 1&2 to Main v20.42, WAAS v8.6 & COM v2.11 per Garmin SB#24045 REV A. Updated GTN650Xi AFMS to REV 8.			
#1 Altimeter P/N <u>EF05000</u> S/N <u>22406085</u> #2 Altimeter P/N <u>5934PAD-3</u> S/N <u>441458</u>			
#3 Altimeter P/N <u>-</u> S/N <u>-</u> Trans Model # <u>GTX 335</u> S/N <u>3EE426462</u>			
Mode C / Encoder Model # <u>EF05000</u> S/N <u>22406085</u> Static System <u>-66</u> Ft/Min			
The aircraft and/or component(s) on N4455 was repaired and/or inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Work performed IAW Advanced Avionics Solutions Repair Station #ADAR984D. Pertinent details of the work performed are on file at this repair station under Work Order No. 3825-01-2025, Dated 1/22/2025.			
DATE: 1/22/2025	SIGNED: <u>Tyler Huck</u>	Work Order: 3825-01-2025	
Tyler Huck Certified Repair Station No. ADAR984D			Printed by EBis 3 (datcomedia.com)