

THE
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RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**

AIRFRAME MAINTENANCE RECORDS

Log No. A

Aircraft Registration No. N4455

Aircraft Mfg. The Lancair Co Model LC40-550 FG Serial No. 41048

Engine Mfg. Teledyne Continental Model TS10 550 C Serial No. 914305

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. Wartzell Model HC-H34F-1RF
F7693DF Serial No. LX42B

Hub Design No. _____ Hub Serial No. A71076B

Blade Design No. _____ Blade Serial No's. K08848

K08847

K08852

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)









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Caron Kathana
The Lancair Company






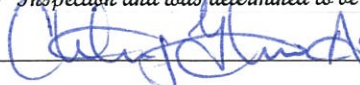
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			  <p>N4455 Hobbs: 130.2 Date: 07-13-2006 W.O. 9527 Airframe log</p> <p>1. Install Avidyne MFD upgrade 6.1.</p> <p>I certify this Aircraft is returned to service with respect to the work Performed stated above.</p> <p><i>Chris J. [Signature]</i> AEP 3041078</p>
			  <p>N4455 Hobbs: 153.2 Date: 11-09-2006 W.O. 4735 Airframe log</p> <p>1. R&R No. 5 CHT probe and No. 2 EGT probe with new.</p> <p>I certify this Aircraft is returned to service with respect to the work Performed stated above.</p> <p><i>Chris J. [Signature]</i> AEP 3041078</p>
			  <p>N4455 Hobbs: 161.5 Date: 02-14-2007 W.O. 9608 Airframe Log</p> <ol style="list-style-type: none"> Complied with an Annual inspection in accordance with Columbia service manual and Far part 43. ELT inspected in accordance with FAR 91.207(d) and found airworthy, ELT battery replaced, next due 12/08. Complied with Columbia S.B. SB-06-006, P7-J7 wire relocation. Complied with Columbia S.B. SB-06-002C, Elevator torque tube. Complied with Columbia S.B. SB-05-013A, Oil cooler baffle. Complied with Avidyne S.B. 601-00004-074, MFD 6 2.1 upgrade. R&R right main tire with new Goodyear Flt Cus III and flightmate tube. Replaced all braked pads with new, and one insulator. Replaced induction air filter with new. <p>I certify this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p> <p><i>Chris J. [Signature]</i> AEP 3041078-1A</p>

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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
			  <p>N4455 Hobbs: 316.3 Date: 07/08/2011 W.O. 9950 Airframe Log</p> <ol style="list-style-type: none"> 1. Complied with an Annual inspection in accordance with Cessna service manual and FAR part 43. 2. ELT inspected in accordance with FAR 91.207(d) and found airworthy, ELT battery next due 12/13. 3. Complied with AD 2007-07-06 R1, FOD inspection of aileron and elevator controls, none found. Due again @ Hobbs: 416.3. 4. Complied with SB10-27-03, Rudder tube clamp mod. 5. Complied with SB10-24-01, No 2 alternator installation inspection. 6. Complied with SB10-55-01, Horz stab tube inspection/repair. 7. Complied with SB11-32-01, MLG axle block fastner. 8. Complied with SB11-24-01/MK400-24-01, Power grid modification. 9. Replaced Induction filter with new. 10. Replaced brake pads with new and condition. 11. Install new left MLG fairing. <p><i>I certify this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</i></p> <p> AEP 30410781A</p>
			  <p>N4455 Hobbs: 207.9 Date: 04/04/2008 W.O. 9715 Airframe Log</p> <ol style="list-style-type: none"> 1. Complied with an Annual inspection in accordance with Cessna service manual and FAR part 43. 2. ELT inspected in accordance with FAR 91.207(d) and found airworthy, ELT battery next due 12/08. 3. ELT replaced with new ME-406. 4. Complied with AD 2007-07-06 R1, FOD inspection of aileron and elevator controls, none found. Due again @ Hobbs: 307.9. 5. Complied with SL-06-004, NLG hardware replacement. 6. Complied with SB-07-009A, Rear seat back bushing installation. 7. Complied with SB-07-002, Linear bearing inspection. 8. Complied with SB-06-003, Aileron mass balance weight replacement. 9. Complied with SB-07-005A, MLG leg bushing replacement. 10. Replaced Induction filter with new. <p><i>I certify this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</i></p> <p> AEP 30410783A</p>

2008 Annual Entry ↓

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DATE	MAKE/MODEL	HOBBS	REGISTRATION	SERIAL #
5/22/2020	Lancair/LC41-550FG	538.6	N4455	41048

Repaired pilot door seal leak as needed. Tightened nose wheel axle and nose wheel strut mount. Removed and replaced 90-degree elbow for LH co-pilot brake master cylinder. Re-safety wired LH aft engine mount safety tab. All work performed IAW Lancair Maintenance Manual RC050001A.

John Fred Hadlich A&P I/A 3688343:

John F Hadlich

6/12/2020	Hobbs 540.3	Replaced LEFT & RIGHT Battery's Part Number RG1215, Serial Numbers are (41016071) (41021524) Next Due 6/25 Carl Jwin ATP # 3007978
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TOTAL brought forward from previous page			

MAKE: Lancair
MODEL: LC41-550FG
S/N: 41048
REG. NO: N4455
WORK ORDER:
2199-10-2020

Advanced Avionics Solutions LLC

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

Removed #1 and #2 GNS430 Systems. Installed Dual GTN650Xi systems. See form 337. Systems installed per Garmin installation manual and STC/AML #SA02019SE-D. Units utilizing 10 and 5 amp circuit breakers and are interfaced to Avidyne PFD/MFD, Autopilot, Audio panel, and GTX335 transponder. Replaced GA56 GPS antennas with GA35 GPS antennas. GPS systems approved for VFR only awaiting flight check and have been placarded as such. AFMS for the GTN650Xi systems placed into the aircraft POH. ICA for the GTN650Xi placed into the aircraft maintenance records. Updated aircraft weight and balance this date.

Maintenance Release

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.

DATE: 12/14/2020

SIGNED: 

Work Order: 2199-10-2020

James Walsh AP69604974IA

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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 EFD5000 S/N 22406085 #2 Altimeter P/N 5934PA0-3 S/N 441458

#1 Trans Model# GTX 335 S/N 3EE426162 #2 Trans Model# - S/N -

Mode C / Encoder Model # EFD5000 S/N 22406085 Static System 62 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: 

Work Order: 2199-10-2020

Barry Huck
Certified Repair Station No. GGUR269E

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Date: 12/19/2020 N4455 TACH/HOBBS: 566.5

Garmin GTN650Xi Systems previously installed and placarded as not approved for IFR has been ground and flight checked and found to meet the requirements of AC 20-138C for follow-on IFR approval. GTN650Xi Systems are approved for VFR/IFR enroute, terminal, precision approach operations including (GPS, Loran C, VOR, VOR-DME, TCAN, NDB, NDB-DME, RNAV, and approach procedures with vertical guidance, including LNAV/VNAV and LPV. Installed FAA approved AFMS for the GTN650Xi into the aircraft. Garmin GTN pilots guide must be available and used when flight navigation is predicted on the use of the GTN650Xi GPS systems. Placard stating "GPS NOT APPROVED FOR IFR" has been removed. See Form 337

Signed: 

7/1/2021 N4455 Lancair LC41-550FG S/N: 41048

Tach: 571.4 AFTT: 571.4

Annual inspection completed this date. Controls inspected and lubricated as required. **ELT ops checked IAW 91.207(d), battery next due February 2026.** Fuel screens checked ok. Electrical system checked ok. Installed new nav light/strobe cover right wing tip. Landing gear lubricated as required. Checked balance nose tire. Installed spiral wrap on brake lines to protect from lower gear leg fairing abrasion. Replaced sheared screw left towbar support strap at nose fairing. **Installed new front alternator belt. Repainted nose fairing, nose strut fairing with Crossfire single stage color code 55-216689B Urethane, and landing light cover with Prism 3.5 color code 65-4353042.** Tightened leaking fuel line right wing leading edge. **Tightened leaking brake line, right landing gear leg at top of leg.** Hydro-tested all 3 oxygen bottles, Norco INC order No. 66417731-00, and reinstalled. Overhauled oxygen regulator Precise Flight INC W/O# 115392 dated 07/JUN/2021 and reinstalled. Leak checked and serviced system to 1800psi. **AD's complied with; 2007-07-06R1, see complete compliance listing in logs.** I certify this aircraft has been inspected as per an annual inspection and was determined to be in airworthy condition. Raymond M. Thomas A&P2742360IA

PERFORMED—
PERSON PERFORMING WORK

5/6/2022 N4455 Lancair LC41-550FG S/N: 41048

Tach: 610.9 AFTT: 610.9

Annual inspection completed this date. Controls inspected and lubricated as required. **ELT ops checked IAW 91.207(d), battery next due February 2026.** Fuel screens checked ok. Electrical system checked ok. **Replaced nose wheel tire and tube.** Landing gear lubricated as required. Painted chipped paint on engine mount as required. **Removed CO sensor, sent for overhaul.** Serviced oxygen system to full. AD's complied with; 2007-07-06R1, see complete compliance listing in logs. I certify this aircraft has been inspected as per an annual inspection and was determined to be in airworthy condition. Raymond M. Thomas A&P2742360IA

5/19/2022 N4455 Lancair LC41-550FG S/N: 41048

Tach: 610.9 AFTT: 610.9

Re-moved CO detector unit P/N: 452-201-010RX S/N: 85305 for overhaul, sent to CO Guardian LLC. Rebuilt W/O# 8260 dated 09/05/2022. Reinstalled same unit, ops check ok. Raymond M. Thomas A&P2742360IA

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 **EF05000** S/N **22406085** #2 Altimeter P/N **5934P10-3** S/N **441458**
#3 Altimeter P/N **—** S/N **—** Trans Model # **GTX 335** S/N **3EE426462**
Mode C / Encoder Model # **EF05000** S/N **22406085** Static System **-65** Ft/Min

The aircraft and/or component(s) on N4455 was repaired and/or inspected in accordance with current FAR's 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:

Tyler Huck

Work Order: 2926-01-2023


Tyler Huck

Certified Repair Station No. ADAR984D

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FORMED—
N PERFORMING WORK

Annual inspection completed this date. Controls inspected and lubricated as required. ELT ops checked IAW 91.207(d), battery next due February 2026. Fuel screens and vents checked ok. Electrical system checked ok. Wheel bearings repacked with Aeroshell 22. Brakes inspected. Replaced warm air induction cable P/N: A700-Black. ADs complied with; 2023-05-16 Counterweights, 2007-07-06R1 Linear Bearings, see complete compliance listing in logs. I certify this aircraft has been inspected as per an annual inspection and was determined to be in airworthy condition.
Raymond M. Thomas A&P2742360IA 

5-2-24	HOBBS TACH	710.3	AFTT 710.3	USED CONTROLS CK ELT IAW FAR 91.207(d) OK BATTERY DUE FEBRUARY 2026 REPLACED ALL BRAKE PADS. AD 07-07-06 RI AIRLCON AND ELEVATOR CONTROL SYSTEMS C/W BY INSPECTION DUE AGAIN 12 MONTHS AD 23-09-09 EXHAUST TAILPIPE V-BAND COUPLING C/W BY INSPECTION DUE AGAIN 12 MONTHS NO OTHER ADS DUE AT THIS TIME I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND AIRWORTHY. Scott Olson AP2583577IA
5-1-25	HOBBS 736.1	AFTT 736.1	CK ELT IAW FAR 91.207(d) OK BATTERY DUE FEBRUARY 2026 AD 2007-07-06 RI AIRLCON & ELEVATOR CONTROL SYSTEM C/W BY INSPECTION DUE AGAIN IN 12 MONTHS AD 23-09-09 EXHAUST TAILPIPE V-BAND COUPLING C/W BY REPLACING WITH 2 NEW RIVETED V-BAND COUPLINGS. NO OTHER ADS DUE AT THIS TIME. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND AIRWORTHY. Scott Olson AP2583577IA	

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