

Thoroughbred Aviation Maintenance, Inc.

Airframe

Date:	3/10/2025	WO:	F24386	AC Type:	LC41-550FG	Hobbs	1498.4
AC REG:	N2730P	AC SN:	41071	Tach:	N/A	Eng TSO:	N/A
Eng. Model:	TSIO-550C7B	Eng SN:	914322	Eng TT:	1498.4	Prop TSO:	N/A
Prop Model:	HC-H3YF-1RF	Prop SN:	LX102B	Prop TT:	1498.4		

1 C/W Lancair LC41-550FG 100hr annual inspection checklist, Servicing and CH 5 items that were applicable.
2 Performed 100 hr. / Annual lubrication.

3 Serviced and replaced seals as needed on Fuel strainer PN: ORO65-20VIT75.
4 ELT & Switch tested IAW FAR 91.207 (D). Battery EXP Date 5/2026.

5 Removed LH OB intercooler baffle and installed new baffle P/N: 2855101-6.
6 Removed and replaced with new both main ship batteries PN: RG1215.

7 Removed and replaced with new fire extinguisher PN:C32TS.

8 Tightened hardware on starter power line lead.

9 Removed and replaced with new LH/RH brake linings P/N: RA066-06200. Removed and replaced damaged rivets with new P/N 177-00300. Replaced with new RH & LH Brake Shims, P/N: 068-01100.

10 Tightend, cleaned, inspected and monitored brake lines on LH/ RH upper and lowers calipers Ops check good.
11 Tightend Hardware on mixture rod end ops check good.

12 Resecured wiring harness in RH wing.

13 Repaired damaged baggage and cabin door seal with clear RTV.

14 Removed and replaced dryrotted hose on LH Side of Y-bend induction PN: 6000-4.

15 Reapplied Surface protection to LH horizontal aft spar.

16 Removed and sent O2 bottles and regulator for OH and Hydrostatic test. Re-installed and serviced with O2. leak check good.

Next Hydro due Jan 2030.

17 Removed and repaired bonding strap on RH aileron.

18 Replaced Induction Filter with new, P/N: BA345E.

19 Installed rubber boot to LH and RH mag P-leads P/N MS25171-1S.

20 C/W chapter 20 time limit check. Resistance of static wick. Replaced 4 failed static wicks PN: SD6-0001.

21 C/W chapter 78 Exh. system pressure test. No defets were noted at this time. Customer requested to have leaks found past wastegate to be monitored.

22 C/W chapter 12 time limit check: Nose strut insp. No defects found. Serviced strut to specs.

23 C/W AD 2007-07-06: No defects noted at this time. **Next recurring inspection due 12 months 3/2025.**

24 All AD's are up to date.

25 Performed Annual Inspection IAW Lancair LC41-550 Annual Cklist to include the scope and detail of 14 CFR Part 43 appendix D.

END

I certify this Airframe has been inspected/repaired/serviced in accordance with current manufactures maintenance manuals & applicable FARs and was found to be in Airworthy Condition.

MAINTENANCE RELEASE

The aircraft/article identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. Pertinent details of the repair/service/inspection are on file at this agency under **WO# F24386**

Signed: *Dareian Braun-Porter*

Dareian Braun-Porter A&P 3917311 IA

Date: 3/10/2025

Date

Total Time

Time Since
Last Overhaul**Engine Service and Maintenance Record**

Spring25125-10-2023 (11-09-2023)

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Brought Forw

MAKE: Lancair
MODEL: LC41-550FG
S/N: 41071
REG. NO.: N2730PRite-Way Aviation
FAA Cert: YWYR832L
7814 Eagle Lane
Spring, TX 77379W/O #: Spring25125-10-2023
DATE: 11-09-2023
A/C TT: 1465.6
A/C Tach:
ENG TT:
Hobbs: 1465.6
TSMOH:**Engine**

- Complied with Annual/100-hour inspection on this engine in reference to Rite-Way Aviation 100-Hour/Annual Inspection Checklist. Engine performance check is satisfactory. Complete compressions as follows cylinder #1-70/80, #2-64/80, #3-57/80, #4-56/80, #5-63/80, #6-56/80.
- Coordinated with client on workorder status, inspection items, component pricing and lead time. Completed AD research, time-controlled items, component research, technician direction, maintenance manual review and OEM coordination as required. All applicable AD's have been complied with through Bi-Week 2023-23
- Cleaned fuel injectors as per Continental Injector MM FI-2. Installed new rubber washers for air reference tubes P/N: 640612.
- Removed alternator and replaced crankcase plug crush gasket P/N: AN900-10. Plug torqued per continental M-O.

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

DATE: 11-09-2023

SIGNED:

Ryan D Davidovich
FAA Cert: YWYR832LWORK ORDER: Spring25125-10-2023
Printed by EBIS (EBISCloud.com)MAKE: Lancair
MODEL: LC41-550FG
S/N: 41071
REG. NO: N2730P**RITE-WAY AVIATION**
an AEROP CompanyFAA Cert:
YWYR832L
7814 Eagle Ln.
Spring, TX 77379W/O #: Spring25184-11-2023
DATE: 08-23-2024
A/C TT: 1469.5
A/C Tach:
Hobbs: 1469.5**Engine**

- Complied with oil and oil filter change. Drained oil, removed, and inspected oil filter with satisfactory results. Installed new filter P/N: CH48109-1 and serviced engine with 7 quarts of Aeroshell 100W Plus. Ground ran engine, leak check and oil level is satisfactory.

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

DATE: 08-23-2024

SIGNED:

Shawn Justus
FAA Cert: YWYR832LWORK ORDER: Spring25184-11-2023
Printed by EBIS (EBISCloud.com)

Thoroughbred Aviation Maintenance, Inc.

Powerplant

Date:	3/10/2025	WO:	F24386	AC Type:	LC41-550FG	Hobbs:	1498.4
AC REG:	N2730P	AC SN:	41071	Tach:	N/A	Eng TSO:	N/A
Eng. Model:	TSIO-550C7B	Eng SN:	914322	Eng TT:	1498.4	Prop TSO:	N/A
Prop Model:	HC-13YF-1RF	Prop SN:	LX102B	Prop TT:	1498.4		

- Compression tested engine, M/O 42/80: #1:75, #2:61, #3:55, #4:62, #5:55, #6:55.
- Drained oil, cut filter, some carbon noted, install & torqued new oil filter, P/N: CH48109-1.
- Serviced with 8 quarts Aeroshell W100 Plus.
- Removed, cleaned, inspected, tested, 10 spark plug failed cks, replaced those spark plugs, installed to torque with new gaskets. P/N's URHB32S P/N: M-674.
- Performed 100/Annual inspection IAW continental AMM.
- Performed 100/Annual Lubrication.
- Serviced fuel injectors and replaced seals as needed for all fuel injectors P/N: 630979-9, 628556, X1473, 640612.
- Removed broken fuel rail clip and installed new rail clip P/N 652456-1.
- Retimed LH/RH mags to 24 degrees ops check good.
- Cleaned ignition harness lead ends.
- Inspected and cleaned bottom of Acc. case of fuel staining.
- Removed and replaced with new induction gasket on Cyl. 4 P/N 649950.
- All AD's are up to date.
- Performed Annual Inspection IAW Lancair LC41-550 Annual Cklist & Continental MM to include the scope and detail of 14 CFR Part 43 appendix D.

END

I certify this Powerplant has been inspected/repaired/serviced in accordance with current manufactures maintenance manuals & applicable FARs and was found to be in Airworthy Condition.

MAINTENANCE RELEASE

The aircraft/article identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. Pertinent details of the repair/service/inspection are on file at this agency under

Signed: *Dareian Braun-Porter*

Dareian Braun-Porter A&P 3917311 IA

WO# F24386

Date: 3/10/2025

Form TAM006-03/22

DATE

Spring25125-10-2023 (11-09-2023)

MAKE: Lancair
MODEL: LC41-550FG
S/N: 41071
REG. NO: N2730P

Rite-Way Aviation
FAA Cert: YWYR832L
7814 Eagle Lane
Spring, TX 77379

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W/O #: Spring25125-10-2023
DATE: 11-09-2023
A/C TT: 1465.6
A/C Tach:
Prop TT:
Hobbs: 1465.6
Prop TSPDH:

/ORK

Propeller

- Completed 100hr/Annual inspection of FWD propeller. Blended blades inspected hub and all components. Operational check of Propeller Movement is normal at this time.
- Coordinated with client on workorder status, inspection items, component pricing and lead time. Completed AD research, time-controlled items, component research, technician direction, maintenance manual review and OEM coordination as required. All applicable AD's have been complied with through Bi-Week 2023-23

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

DATE: 11-09-2023

SIGNED:

Ryan D Davidson
FAA Cert: YWYR832L

CHIEF INSP
WORK ORDER: Spring25125-10-2023
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Thoroughbred Aviation Maintenance, Inc.

Propeller

Date: 3/10/2025	WO: F24386	AC Type: LC41-550FG	Hobbs: 1498.4
AC REG: N2730P	AC SN: 41071	Tach: N/A	Eng TSO: N/A
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Prop Model: HC-H3YF-1RF	Prop SN: LX102B	Prop TT: 1498.4	

1 Performed annual inspection and servicing IAW Hartzel MM.

2 Serviced propeller with Aeroshell 6 grease.

3 Performed Annual Inspection IAW Lancair LC41-550 Annual Cklist & Hartzel MM to include the scope and detail of 14 CFR Part 43 appendix D.

END

I certify this Propeller has been inspected/repaired/serviced in accordance with current manufactures maintenance manuals & applicable FARs and was found to be in Airworthy Condition.

MAINTENANCE RELEASE

The aircraft/article identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. Pertinent details of the repair/service/inspection are on file at this agency under

Signed: *Darrian Braun-Porter*

Darrian Braun-Porter A&P 3917311 IA

WO# F24386

Date: 3/10/2025

Form TAM006-03/22

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