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AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. A

Aircraft Registration No. N25281

Aircraft Mfg. The Lancair Co Model LC41-550FG Serial No. 41088

Engine Mfg. Teledyne Continental Model T510 550 C Serial No. 802745

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. Hartzell Model HC-H37F-1RF
F7693DF Serial No. LX111B

Hub Design No. _____ Hub Serial No. A74996B

Blade Design No. _____ Blade Serial No's. K18923

K18922

K18925

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

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



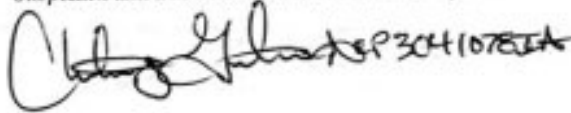


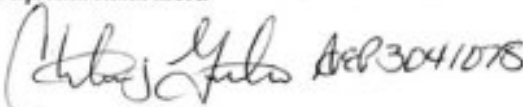
(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

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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
8-17-06	93.8	93.8	  N25281 Hobbs: 93.8 Date: 08-17-2006 W.O. 9535 Airframe Log 1. Complied with an Annual inspection in accordance with Columbia 400 service manual and FAR part 43. 2. ELT inspected in accordance with FAR 91.207(d) and found airworthy, ELT battery next due 06/07. 3. Complied with Columbia service bulletin SB-06-002C, Elevator torque Tube replacement. 4. Complied with Columbia service bulletin SB-06-004, Mixture lever arm inspection. 5. Complied with Columbia service bulletin SB-06-001, P-lead hardware inspection, found incorrect. Corrected p-lead installation. 6. Complied with Columbia service bulletin SB-05-013A, Oil cooler baffle 7. Complied with Columbia service Letter SL-06-004, NLG strut hardware replacement. Replaced strut assy. With exchange from Columbia. 8. Replaced Induction air filter with new. 9. Serviced oxygen system. 10. Complied with Avidyne 6.1 MFD upgrade. 11. Updated both Garmin GNS 430 cards to current Jeppesen. 12. Service brake hydraulic fluid reservoir. 13. Service nose strut with nitrogen. <i>I certify this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.</i> 
9-1-06	95.9	95.9	  N25281 Hobbs: 95.9 Date: 09-01-2006 W.O. 02682 Airframe Log 1. Replaced LED trim panel assembly, P/N 080A0200 rev.A. 2. Replaced elevator trim actuator assembly, P/N LA55273700 rev.B2. <i>I certify this Aircraft is returned to service with respect to the work Performed stated above.</i> 
		SUB-TOTAL	
		TOTAL—Car	

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	SIGNATURE
5-23-07	105.2	105.2	
7-24-07	108.2	108.2	

TOTAL brought forward from previous

CGAERO

N25281 Tach: 105.2 Date: 05-23-2007 W.O. 9647 Airframe log

1. Installed Avidyne MFD upgrade 6.2.1

I certify this Aircraft is returned to service with respect to the work Performed stated above.

Jason Beck AEP 3041078

MAKE Columbia
MODEL LC41-550FG
S/N 41088
REG NO N25281
WORK ORDER 1009-07-2007

Airplane Company of Salinas, Inc.
1585 Moffet Street
Salinas, Ca 93905
Phone 831-753-1077

DATE: 7/24/2007
A/C TSN: 108.2
HOBBS: 108.2

Airframe Entries

1 REPLACED NOSE WHEEL PANT TOW BAR BRACKET SCREWS WITH FOUR MS24694S63

DATE: 7/24/2007

SIGNED:

Jason Beck
Jason E. Beck, AEP 567732442

Work Order: 1009-07-2007

Printed by EBIS 3 (dalcomedia.com)

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 25281
IAW FAR 43 App. E on 6 SEP 07
Signed J. Shultz Date 6 SEP 07
Northcoast Services c/nr3R955L Time 110.7

SUB-TOTAL this page

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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
9-17-07	110.7	110.7	

MAKE: Columbia
MODEL: LC41-550FG
S/N: 41088
REG. NO: N25281
WORK ORDER: 1044-08-2007

Airplane Company of Salinas, Inc.

1585 Moffett Street
Salinas, Ca 93505
Phone: 831-753-1077

DATE: 9/17/2007
A/C TSN: 110.7
HOBBS: 110.7

Airframe Entries

- 1 COMPLIED WITH AIRFRAME ANNUAL INSPECTION.
- 8 AD2007-07-02 (4-9-07) COLUMBIA LINEAR BEARING INSPECTION COMPLIED WITH AS PER SB-07-02 VISUAL INSPECTION AND MADE PROVISIONS FOR AILERON LINEAR BEARING INSPECTION ACCESS IN BOTH WINGS AT WS86. NO DEFECTS NOTED.
- 9 FAR 91.411, 91.413 CERTIFICATION TESTS PERFORMED BY NORTHCOAST SERVICES 09/06/2007.
- 10 SB-07-007 COLUMBIA PITOT MOISTURE COLLECTION DRAIN LINE ROUTING COMPLIED WITH BY VISUAL INSPECTION. FOUND TO BE IN A SATISFACTORY CONDITION.
- 11 SB-06-009 COLUMBIA ELEVATOR MASS BALANCE COMPLIED WITH BY INSTALLING SB KIT 06-009. ELEVATOR WEIGHT AND BALANCE, AS PER TABLE 2, WITH IN LIMITS.
- 12 SB-06-006 COLUMBIA P7-J7 WIRE RELOCATION COMPLIED WITH AS PER SB INSTRUCTIONS.
- 13 INSTALLED NEW ELT BATTERY P/N 452-3063. BATTERY DUE 9-30-2009. I CERTIFY THAT THIS ELT HAS BEEN INSPECTED AS PER THE REQUIREMENTS OF FAR 91.207 (d) AND FOUND TO BE IN A SATISFACTORY CONDITION.
- 14 SB-06-003 COLUMBIA AILERON MASS BALANCE COMPLIED WITH. INSTALLED NEW BALANCE WEIGHTS AND BALANCED AILERONS IN ACCORDANCE WITH SB INSTRUCTIONS FOR COMPLIANCE. REINSTALLED PER COLUMBIA MAINTENANCE MANUAL AND RIGGED AILERONS AND AILERON TRIM.
- 16 REMOVED GEAR DRIVEN ALTERNATOR P/N ALX-9524 S/N F020497. SENT TO AND REPAIRED BY GEORGE'S ELECTRICAL SERVICE FAA CRS NP3R71BL. INSTALLED WITH A NEW GASKET.
- 19 REPLACED BOTH MAIN GEAR AXLE HOUSING TO LEG BOLTS P/N AN5-22A AND TORQUE TO SPEC.
- 20 REPLACED NOSE LANDING GEAR STRUT TO FORK BOLTS P/N AN5-12A.
- 21 CLEAN AND DETAIL AS NECESSARY
- 22 TREATED LIGHT CORROSION ON FLAP HINGES AND ENGINE WITH CORROSION-X

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DATE: 9/17/2007

SIGNED

David Reek, IA, 470720725

Work Order: 1044-08-2007

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785 Airport Drive
San Luis Obispo,
California 93401



Air San Luis

MAY 20, 2008

N25281

COL LC41-550FG

S/N 41088

AIRFRAME TOTAL TIME: 160.1

HOBBS TIME: 160.1

REMOVED TRIM PANEL ASSEMBLY P/N 080A0200-1, S/N NLTP00215 AND INSTALLED NEW TRIM PANEL ASSEMBLY P/N 080A200-A, S/N NLTP00312. OPERATIONAL CHECK SATISFACTORY.




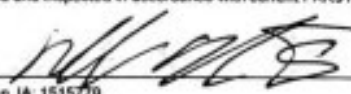
AIR SAN LUIS
W.O: 8311

INSPECTOR:

ALAN K. YECNY A&P 688141A

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Scott Aircraft, Inc. Fresno Yosemite International Airport PO Box 8164, Fresno CA 93747 PH (559) 252-2926 Fax (559) 252-7837			
<u>Airframe Log</u>			
10/7/08, W.O. #10815 & 10820, N25281, Cessna 400, Hobbs and ACTT 192.5 Hrs., C/W AD2007-07-06 by inspection, no defects noted. AD2008-06-28R1 N/A by PFD serial number. C/W SB-07-009C by installing retention clips at rear seat back per SB instructions. C/W SB-07-17B by installing glare shield guides per SB instructions. Replaced left aircraft battery with new battery s/n 40232883. Replaced spacer at right brake caliper. Adjusted alternator belt tension as required. E.L.T. inspected and tested in accordance with F.A.R. 91.207 D 1-4. Ground operational checks good at this time.			
Steve Emmons, A&P 553842477 			
10/7/08, Tach 192.5 Hrs., ACTT 192.5 Hrs., I certify that this Aircraft has been inspected in accordance with an <u>Annual</u> inspection per FAR 43 appendix D and was determined to be in an airworthy condition.			
Stephen Denney, A&P 559877276 IA 			
Scott Aircraft, Inc. Fresno Yosemite International Airport PO Box 8164, Fresno CA 93747 PH (559) 252-2926 Fax (559) 252-7837			
<u>Airframe Log</u>			
11/14/08, W.O. #10852, N25281, Cessna 400, Hobbs and ACTT 199.9 Hrs., Replaced oil pressure switch with new switch (p/n 77039). Ground operational checks good at this time.			
Steve Emmons, A&P 553842477 			
<div style="display: flex; justify-content: space-between;"> <div> MAKE: Lancair MODEL: LC41-550FG SN: 41068 REG. NO: N25281 WORK ORDER: 838-04-2009 </div> <div> Stratman Aero Service 101 Hartley Place Goleta, CA 93117 Phone: 805-967-8096 </div> <div> DATE: 4/27/2009 A/C TSN: HOBBS: 219.7 </div> </div>			
Airframe Entries Inspected R brake disc, found within limits. Replaced RH brake linings with new. PN: 066-08200 Replaced shim and brake caliper insulators with new. Replaced o-rings with new. Inspected L brake disc, found within limits. Replaced L brake linings with new. PN: 066-08200 Replaced shim and brake caliper insulators with new. Replaced o-rings with new. Replaced R Main tire with new. PN: 301-249-008 SN: 90180056 Replaced R inner tube with new. PN: 302-246-401 Serviced R Main wheel bearings. Replaced L Main tire with new. PN: 301-249-008 SN: 90170081 Replaced L inner tube with new. PN: 302-246-401 Serviced L Main wheel bearings. Bled brakes.			
Maintenance Release The aircraft and/or component(s) on N25281 was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.			
<div style="display: flex; justify-content: space-between;"> <div> DATE: 4/27/2009 Donald W. Stratman, IA: 1515779 </div> <div> SIGNED:  Donald W. Stratman, IA: 1515779 </div> <div> Work Order: 838-04-2009 Printed by EBis 3 (datoomedia.com) </div> </div>			

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	Work Order / Description	Repair Station / Signature
		<p>Work Order # 11751</p> <p>Date: 11/24/2009 Aircraft: N252B</p> <p>Shop Order # 11751</p> <p>Tach: 1508 TTAF: 2008</p> <p>Performed Annual Inspection per Coastal Air Maintenance 100-hr Annual checklist. Replaced ELT battery. ELT battery due 11/20/11. Tightened attach hardware past. side hand grip. CAV 4-6-2010 OK. Re-inspection of engine harness and fuel system. (Rudder removed 101 inspection) Due visual inspection within 72 hours of removal rudder and inspect with 10% wet fuel maintenance in 60 hours.</p> <p>I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Detailed details of the repair are on file under the work order # listed above at Coastal Air Maintenance. RIT #0508708, 445 Argon Drive, San Luis Obispo, CA 93401 (805) 541-4658</p> <p><i>[Signature]</i></p> <p>Authorized Individual: Brett Hovner Repair Station: PFAA-CT-1</p>	
<p>I CERTIFY THAT THE ALTIMETER, ALTITUDE REPORTER, TRANSPONDER AND STATIC SYSTEM TEST REQUIRED BY F.A.R. 91.411 I.A.W. F.A.R. 43 APPENDIX E&F HAVE BEEN PERFORMED, THE ALTIMETER(S) HAS BEEN TESTED TO <u>20,000</u> FT DATE <u>16 APR 2010</u> SAN LUIS AVIONICS REPAIR STATION #ZSSR2200 FILED UNDER INVOICE # <u>11751</u></p> <p>INSPECTOR <i>[Signature]</i></p> <p>TACH: <u>02720</u> N# <u>25281</u></p> <p>I CERTIFY THAT THE TRANSPONDER TEST PER F.A.R. 91.413 HAS BEEN COMPLETED. SAN LUIS AVIONICS REPAIR STATION #ZSSR2200. FILED UNDER INVOICE # <u>11751</u> DATE <u>16 APR 2010</u></p> <p>INSPECTOR <i>[Signature]</i></p>			

Date: 12/06/2010 Aircraft: N252B
Shop Order: 21782 Date Closed: 12/06/2010
Invoiced: 03521 TTAF: 00527

Performed Annual Inspection per Coastal Air Maintenance 100-hr Annual checklist. Replaced ELT battery. ELT battery due 11/20/11. Tightened attach hardware past. side hand grip. CAV 4-6-2010 OK. Re-inspection of engine harness and fuel system. (Rudder removed 101 inspection) Due visual inspection within 72 hours of removal rudder and inspect with 10% wet fuel maintenance in 60 hours.


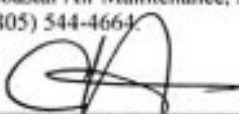

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Detailed details of the repair are on file under the work order # listed above at Coastal Air Maintenance. RIT #0508708, 445 Argon Drive, San Luis Obispo, CA 93401 (805) 541-4658


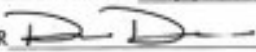




[Signature]

Authorized Individual: Cameron Hovner

ITEM: 21
PN: MK400-27-01-2
QTY: 1
U/M: EA

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number 2928396	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5900 E. Pawnee, Wichita, KS 67210		5. Work Order/Invoice Number: 1060346			
6. Item: 21 RUDDER HIN MK400-27-01-2	7. Quantity: N/A	8. Serial Number: 1	9. Date: N/A	10. Status: New	
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
11. Remarks:		12. Remarks:			
13. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 15.		14. <input type="checkbox"/> 14 CFR 43.9 Return to Service. <input type="checkbox"/> Other regulation specified in Block 13. Certifies that unless otherwise specified in Block 13, the work identified in Block 11 and Approved in Block 13 was accomplished in accordance with the 14 CFR of Federal Regulations, part 43 and 49, except 49.101 work, the items are approved for return to service.			
15. Authorized Signature: <i>[Signature]</i>	16. Approval/Authorization No.: ODA 100120-CE	17. Name (Typed or Printed): KENNETH F. WYSOCKI SR.	18. Date (Typed or Printed): NOV/17/2010	19. Authorized Signature:	20. Approval/Certificate No.:
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1. It is essential that the user/installer ensures that higher airworthiness authority accepts part/component/assembly from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 15 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					

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>Date: 5/17/2011 Aircraft: N25281 Work Order #: 2185 Tach: 0383.1</p> <p>Troubleshoot oxygen system. Found slow leak at cylinder neck of the middle bottle. Send bottle out to Tyndal Aircraft for warranty repair. Outside vendor work order # 1118100. Reinstalled bottle. Leak check satisfactory.</p> <p>All work has been performed in accordance with manufacturer's current data and FAA regulations. Pertinent details of this repair are on file under the work order listed above at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805) 544-4664.</p> <p> Authorized Individual: Cameron Hamilton Repair Station# P5GR276K</p>
			<p>Date: 6/30/2011 Aircraft: N25281 Work Order Number: 21901 Tach: 0383.1</p> <p>Replaced manifold pressure transducer P/N P165-30A-E1A. Operational check satisfactory.</p> <p>All work has been performed in accordance with manufacturer's current data and FAA regulations. Pertinent details of this repair are on file under the work order listed above at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805) 544-4664.</p> <p> Authorized Individual: Cameron Hamilton Repair Station# P5GR276K</p>
			<p>Date: 1/03/2012 Aircraft: N25281 Work Order Number: 21985 Tach: 412.2</p> <p>Performed Annual Inspection per Coastal Air Maintenance 100-hr/Annual checklist. Replaced ELT battery and tested ELT per 14CFR 91.207(d), satisfactory. ELT battery next due January 2014. Replaced RH main tire. C/W AD 07-07-06 (Elevator & Aileron Control System) per para (e1), (e2) & (e4) of AD. No discrepancies found. Next due January 2013. Operationally checked lights and systems.</p> <p>I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details of this repair are on file under the work order # listed above at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805) 544-4664.</p> <p> Authorized Individual: Cameron Hamilton Repair Station# P5GR276K</p>

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	Date: 2/01/2013 Tach: 0470.9	Aircraft: N25281 TTAF: 0470.9	Work Order Number: 22124
	<p>Performed Annual Inspection per Coastal Air Maintenance 100-Hour/Annual checklist. Tested ELT per 14CFR 91.207(d), satisfactory. ELT battery due October 2013. Replaced both TIT probes. Replaced oil pressure transducer. Replaced LH alt nav light lens. C/W AD 07-07-06R1 (Aileron and Elevator Control System) per para (e2) and (e4) of AD. No discrepancies found, next due February 2014.</p> <p>I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details of this repair are on file under the work order # listed above at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805) 544-4664.</p> <p> Authorized Individual: Cameron Hamilton Repair Station# P5GR276K</p>		
	<p>I CERTIFY THAT THE ALTIMETER, ALTITUDE REPORTER, TRANSPONDER AND STATIC SYSTEM TEST REQUIRED BY F.A.R 91.411 L.A.W. F.A.R. 43 APPENDIX E&F HAVE BEEN PERFORMED. THE ALTIMETER(S) HAS BEEN TESTED TO <u>20,000</u> FT DATE <u>31 JAN 2013</u> SAN LUIS AVIONICS REPAIR STATION #ZS5R2200 FILED UNDER INVOICE # <u>14070</u></p> <p>INSPECTOR </p> <p>PERFORMED BY  SAN LUIS AVIONICS</p> <p>TACH- <u>0470.8</u> N# <u>25281</u> I CERTIFY THAT THE TRANSPONDER TEST PER F.A.R. 91.413 HAS BEEN COMPLETED. SAN LUIS AVIONICS REPAIR STATION #ZS5R2200. FILED UNDER INVOICE# <u>14070</u> DATE <u>31 JAN 2013</u></p> <p>INSPECTOR </p>		
12-20-13		REPLACED ONE BATTERY	
	Date: 03/18/2014 TTAF: 569.4	Aircraft: N25281 Tach: 569.4	Work Order Number: 22246
	<p>Performed Annual Inspection per Coastal Air Maintenance 100-Hour/Annual checklist. Tested ELT per 14CFR 91.207(d), satisfactory. ELT battery due July 2016. Cleaned and painted light surface rust on elevator control horn. C/W AD 2013-11-10 (Tire Skidding) per para (G1), (G2 i and ii), & (G3 ii) of AD. No discrepancies found. CW AD 2007-07-06R1 (Aileron and Elevator Control System) per para (E2) and (E4) of AD. No Discrepancies found, next due March 2014.</p> <p>I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details of this repair are on file under the work order # listed above at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805) 544-4664.</p> <p> Authorized Individual: Grant R. Sahl Repair Station# P5GR276K</p>		



N25281

Lancair 400

S/N 41088

T 0693.0

4/23/2015

1. Annual inspection and maintenance performed I/A/W service manual. Lubed all flight controls and landing gear.
2. Tested ELT per 91.207 (d), satisfactory. **ELT Battery due 7/2016.**
3. Repaired loose nose wheel pant. Replaced worn and missing hardware.
4. Reattached loose LED light strip at instrument glare shield.
5. Reattached loose Velcro at rear seat cushion.
6. Replaced both brake discs, relined brakes. Resealed right caliper. Performed initial break-in.
7. Replaced both main tires and tubes. Balanced assemblies.
8. Cleaned terminals at taxi lamp to restore function.
9. Dressed propeller leading edges and touched-up propeller face paint.
10. C/W AD 07/07/06, linear bearings, by inspection, satisfactory.

I certify that this aircraft has been inspected in accordance with an annual inspection and was found in airworthy condition.

Frank Shaw A&P 2526437 IA

[illegible]

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>N25281 Lancair Model LC41-550FG S/N 41088</p> <p>11-20-2015 Tach/TTSN 760.1</p> <p>Check A.D. notes through 2015-23. C/W A.D. 07-07-06R1 (aileron and elevator control system) per para(E2) and (E4) of A.D. no discrepancies found, next due 11-2016. ELT operation checked per 91.207(d) battery due 7-2016. Oxygen bottles hydro static tested 10-2015 due again 10-2020. Inspect and lube aircraft per manufactures instructions. Install engine T10-550-C5 S/N 802745 after repairs by Nevada Aircraft Engines Work Order #1963.</p> <p>I CERTIFY THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE <u>11-20-2015</u> TOTAL TIME <u>760.1</u> JOHN H. BACON JA A & P 11382455</p> <p>John H. Bacon JA A&P 11382455 <i>John H. Bacon</i></p>
			<p>N25281 Lancair400 S/N 41088</p> <p>12-15-2015 Hour Meter 764.0</p> <p>Replace main gear tires and tubes with new 15X600X6 Goodyear Flight Special 6Ply. Replace nose gear tire and tube with new Goodyear Flight Custom 500X5 10 Ply. Service nose strut with hydraulic fluid and nitrogen.</p> <p>John H. Bacon A&P 11382455 <i>John H. Bacon</i></p>

N25281 Lancair Model LC41-550FG S/N 41088

4-4-2018 Tach/TTSN 998.7

Check A.D. notes thru 2018-07. C/W A.D. 07-07-06R1 (aileron and elevator control system) per para.(E2)and (E4) of A.D. no discrepancies found, next due 4-2019. Check ELT operation per 91.207, ELT battery due 7-2019. Inspect and lube aircraft per manufacturers instructions. Replace Rt. and Lt. main gear tires and tubes with new Goodyear 15X600x6 Flight Special 6 Ply. Replace Rt.and Lt. brake disc with new 164-02504 and new 066-62 linings.

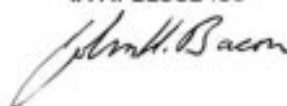
I CERTIFY THIS AIRFRAME HAS BEEN
INSPECTED IN ACCORDANCE WITH AN

ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY
CONDITION.

DATE 4-4-2018 TOTAL TIME 998.7
JOHN H. BACON I A A & P TECHNICIAN

John H. Bacon

IA AP11382455



N25281 Lancair Model LC41-550FG S/N 41088

6-1-2019 Tach/ TTSN 1119.3

Check A.D. notes through 2019-11. C/W A.D. 07-07-06R1 (aileron and elevator control system) per para.(E2) and (E4) Of A.D. no discrepancies found, next due 6-1-2020. Check ELT operation per 91.207 ,ELT battery due 7-2019. Inspect and lube aircraft per manufacturers instructions.

Replace Rt. and Lt. main gear tires and tubes with new Goodyear 15X6:00X6 Flight Special 6 Ply. Replace cabin CO Detector with part No.

452-201-011RX S/N 4223 see 8130 for W/O 4384 Guardian Avionics.

Lt. and Rt. speed brakes P/N 300S0003-5 S/N 982687 and 982688 overhauled by Precise Flight On W/O 106121 and new assymetric llogic control P/N 010S0303-1 S/N ALC3452 installed. Pilot and copilot seat restraint overhauled by C&M Marine Aviation Services on W/O N25281.

I CERTIFY THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH AN
ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY
CONDITION.
DATE 6-1-2019 TOTAL TIME 1119.3
NAME J. BACON A & P 11382455

John H. Bacon

IA AP 11382455

John H. Bacon

Date 01 January, 2022 N25281

Aircraft Model Lancair LC41-550FG S/N 41088

Hobbs Time 1356.47 Aircraft Total Time 1356.4

e No. _____

- This aircraft inspected IAW Cessna Maintenance Manual 400MM06 Dated 20 May 2016.
100 hr. Inspection performed IAW Section 5-10-00 dated 01 September 2015 of maintenance manual was determined to be in an airworthy condition.
1. ELT inspected and tested IAW FAR 91.211(d).
Battery due for replacement April 2023.
 2. Replace both main wheel tires with new Goodyear 15x6 tires.
 3. Clean inspect and lube nose wheel, and both main wheel bearings.
Replace right main wheel inner and outer cups and cones P/N 13889 & 13836
 4. Replace both main wheel brake disc with new Rapco Disc. PN RA164-02504
 5. Replace left main wheel brake linings with new Cleveland 066-06200.
 6. Replace right main wheel brake linings with new Rapco RA066-06200
 7. Replace air filter with new Cessna filter element P/N BA345E.
 8. Replace waste gate cavity drain hose. P/N AE3663898E0400 MFG by Boeing Dist. Invoice # 9313152928
 9. ~~Oxygen tanks are past their hydro static test date.~~ 1 JAN 2022 MC SEE ENTRY ON
~~The oxygen system has been drained and the control panel placarded as INOP. NEXT PAGE.~~ →
 10. Oxygen Fixed Regulator Assembly Overhauled IAW Repair Manual 099X0SP002 Rev A.
Overhaul performed by Precise Flight, Inc. RS# 6PC620B under Work order # 05506.
Next Overhaul due November 2026
 11. Remove Horizontal Stabilizer to comply with section 53-70-00.
Aft fuselage. Internal, external visual inspection & external tap test.
 12. Comply with instruction in Cessna SB10-55-01. Horizontal Stabilizer tube inspection.
Dress out nicks in the aft tube IAW the SB10-55-01.
 13. Eddy Current Inspection performed IAW SB10-55-01 by AEROHOFF Inspection Services, Inc.
FAA Repair Station I90R058X. No Recordable Indications. See Report in Aircraft permanent records.

This Aircraft has been inspected and repaired in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.


Martin Caskey 3207149AP

The aircraft, component, or part was inspected in accordance with current Federal Aviation Regulations and is approved for Return to Service.

Authorized Representative: 

Work Order No: 211211A Date: 12/11/2021

Aerohoff Inspection Services, Inc. FAA Certificate # I90R058X
(760) 806-2782
N25281

Date 01 January, 2022 N25281

Aircraft Model Lancair LC41-550FG S/N 41088

Hobbs Time 1356.47 Aircraft Total Time 1356.4

This aircraft inspected IAW Cessna Maintenance Manual 400MM06 Dated 20 May 2016.
Annual Inspection performed IAW Section 5-10-00 dated 01 September, 2015 of maintenance manual was determined to be in an airworthy condition.

1. Complied with AD 76-07-12 (Bendix switch.) Next due 100 hrs. TIS ACTT 1456.4
2. Complied with AD 2007-07-06 R1 Aileron and Elevator control system. Borescope inspection Inspected aft fuselage IAW section 53-70-00 of maintenance manual.
3. See AD Compliance Record in aircraft permanent records.

This Aircraft has been inspected and repaired in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.


Rex Awall 2278749IA

SUB-TOTAL this page

TOTAL—Carry forward to next page

Date 01 January, 2022 N25281
 Aircraft Model Lancair LC41-550FG S/N 41088
 Hobbs Time 1356.47 Aircraft Total Time 1356.4

- Oxygen cylinders S/N AF3127, AF4835, AF4963 Hydro tested by
 AQUA LABS INDUSTRIES INC.
 10831 Bloomfield St Unit D
 Los Alamitos 90720
 W.O # D 228
 Cylinders test IAW DOT regulations.
 Work order placed in aircraft permanent records.

This Aircraft has been inspected and repaired in Accordance with current Regulations of the Federal Aviation Agency
 and is approved for return to service as to the work performed.

MCA
 Martin Caskey 3207149AP

ACR ELECTRONICS, Inc.
 Artex Products - CAGE Code 18560
 Fort Lauderdale, FL 33312

LOG BOOK ENTRY

E.L.T. BATTERY

REPLACEMENT DATE MARCH 2025

MAY 3, 2023

TACH=1431.8

TOTAL TIME=1431.8

N25281

REPLACE 452-3063 ELT BATTERY (EXPIRES 3/2025). C/W FAR91.207d AND FOUND ELT AIRWORTHY. C/W AD 2007-07-06R1 BY INSPECTION OF AILERON AND ELIVATOR (DUE AGAIN BY 5/30/2024). C/W AD 76-07-12 BY IGNITION SWITCH FUNCTION TEST (DUE AGAIN BY TACH=1531.8). GLUED COMPASS ON WINDSHIELD. LUBED FLIGHT CONTROLS. CLEANED FUEL STRAINER.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

FIRST FLIGHT CORP.

BELAID GHEREBI

A&P 38284561A

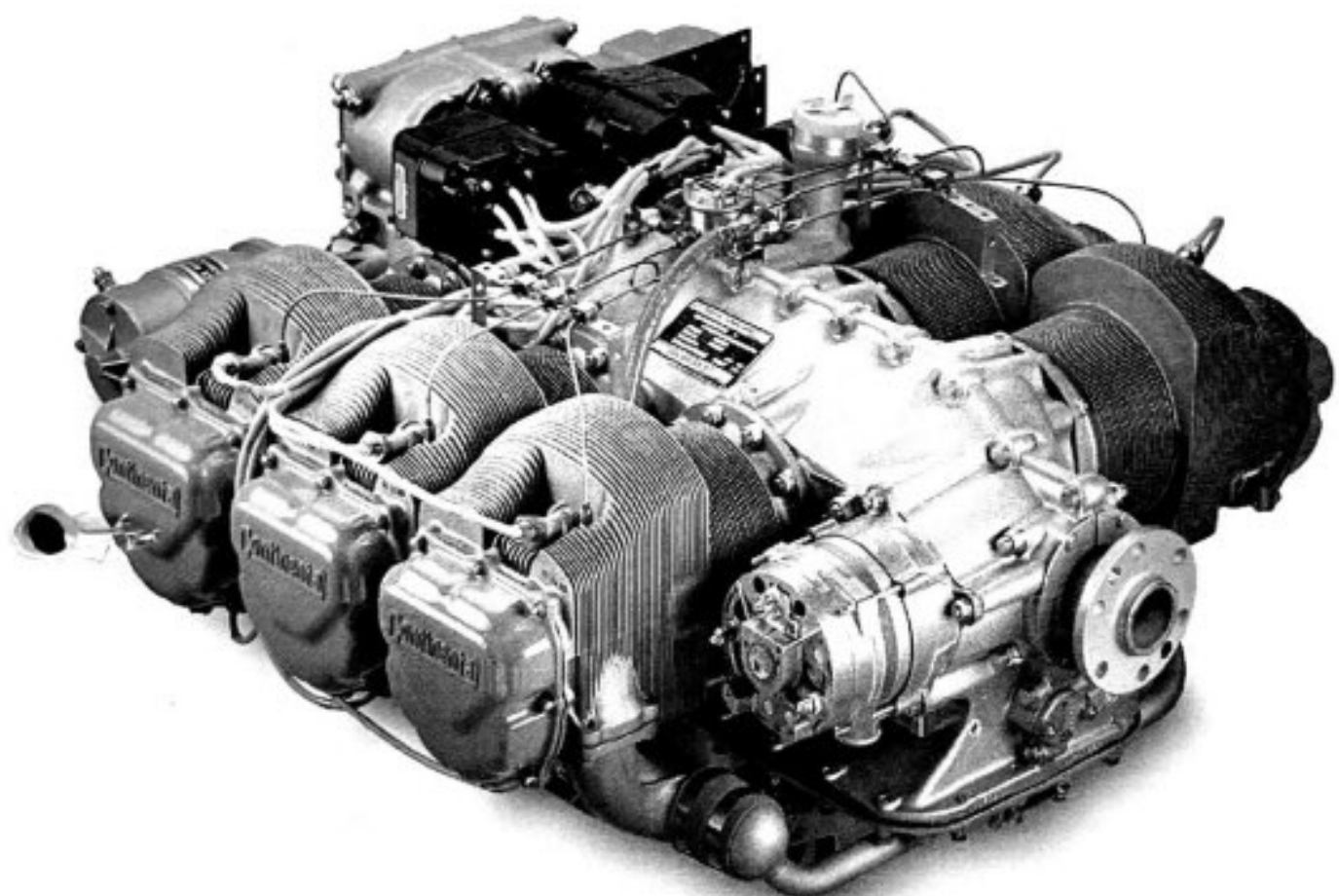
Belaïd Gherebi

6810 CURRAN STREET
 SAN DIEGO, CALIFORNIA 92154
 619-661-6522

SUB-TOTAL this page

TOTAL—Carry forward to next page

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 04/12/2005



This engine model TS10550C5, Serial No. 802745 was manufactured on 04/09/2005 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

Thomas H. Howard

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 505

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
6-19-05	0	0	0	0	 This engine S/N 802745 installed in N25281 LC41-550FG S/N 41088 <u>Francie Mills</u> For The Lancair Company
8-17-05	31	4			 N25281 Hobbs: 31.4 Date: 08-17-2005 W.O. 9382 Engine Log 1. Change oil with 8 qts Exxon 20W/50 and one CH48108-1 oil Filter. Oil analysis taken at this time. Ground run ops check Normal. I certify this Aircraft is returned to service with respect to the Work performed stated above. <u>Cliff J. Galt</u> AEP 3041078

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



COLUMBIA

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

N25281 Hobbs:63.9
Date: 06Oct, 2005
Lancair. LC41-550FG
S/N802745

Change Oil with 8 Qts. Exxon Elite 20W50 and one CH48108-1 Filter. Cut and checked filter, OK. Removed and Replaced Manifold Pressure Transducer P/NP165-30A-E1A. Ops Check Good.

[Signature]

Jeffrey A. Schroeder A&P539800020

8-17-06

93.8



N25281 Hobbs: 93.8 Date: 08-17-2006 W.O. 9535 Engine Log

1. Complied with an Annual Inspection in accordance with Columbia 400 And TCM service manuals and FAR part 43.
2. Compressions as follows: 1)74 2)76 3)73 4)76 5)73 6)76.
3. Changed oil with 8 Qts Exxon 20W/50 and one CH48108-1 Oil filter. Oil analysis taken at this time. Oil filter inspected.
4. Cleaned, gapped, and tested all spark plugs. Replace gaskets with new.
5. Checked magneto to engine timing.
6. Replaced Induction air filter with new.

I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.

[Signature] #P 3041078 JAX

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward

Coastal Air Maintenance

Repair Station# P5GR1/CK

1505175-2370

Date: 11/14/09 Aircraft: N252B1

Drop Order #: 21524

Each 250 Hrs. TT AF 250 H

Performed Annual inspection per Coastal Air Maintenance 100-hr Annual checklist. Changed engine oil and filter. Serviced with AS W100. Compression: #1 12/80 #2 66/80 #3 70/80 #4 64/80 #5 62/80 #6 64/80. Checked magnets timing. Cleaned gapped tested rotated spark plugs. Lubed controls. Re-torqued all cylinder valve cover gaskets. Replaced broken #401 20amp fuse. Replaced return fuel support. Replaced alternator induction support clamp. Replaced induction air filter element. Washed engine. Test run and leak check satisfactory.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Further details of this repair are on file under the work order # listed above at Coastal Air Maintenance. P.O. #P5GR1/CK. Airport Drive, San Luis Obispo, CA 93401 (805) 544-4662

Authorized Individual: [Signature]

Repair Station# P5GR1/CK

4/16/10 Hobbs 278.7

Changed oil & Filter. Serviced with 8qts aeroshell. C/w Rudder AD. No cracks at this time.

Mile lnp 563393166.5A

8/26/10 Hobbs 329.9

changed oil & Filter. Serviced with 8qts aeroshell oil.

Rudder AD c/w at this time. Approved for Return to Service.

Mile lnp 563393166

Coastal Air Maintenance

Repair Station# P5GR1/CK

1505175-2370

Date: 12/06/09 Aircraft: N252B1

Drop Order: 21280 Date Closed: 12/07/09

Hobbs: 4552.7 Engine Time: 0562.7

Performed Annual Inspection per Coastal Air Maintenance 100-hr Annual checklist. Changed oil and filter. Test open oil filter for inspection, no contamination found. Serviced engine with 8qts AS W100. Cleaned gapped and rotated spark plugs. Replaced one spark plug due to cracked insulator. Compression: #1 65/80 #2 65/80 #3 70/80 #4 74/80 #5 71/80 #6 67/80. Replaced induction air filter. Run and leak check satisfactory.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Further details of this repair are on file under the work order # listed above at Coastal Air Maintenance. P.O. #P5GR1/CK. 185 Airport Drive, San Luis Obispo, CA 93401 (805) 544-4662

Authorized Individual: [Signature]

Repair Station# P5GR1/CK

Date

Total Time

Time Since
Last Overhaul**Engine Service and Maintenance Record**Installations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins

Hrs.

Min.

Hrs.

Min.

Brought Forw

Date: 1/03/2012

Aircraft: N25281

Work Order Number: 21985

Tach: 412.2

TT EN: 412.2

Performed Annual Inspection per Coastal Air Maintenance 100-hr/Annual checklist. Changed engine oil and filter. Cut open oil filter to check for contamination, none found. Serviced engine with 8qts. A/S W100. Compressions: #1: 71/80, #2: 69/80, #3: 69/80, #4: 65/80, #5: 70/80, #6: 65/80. Checked magneto timing. Cleaned, gapped, tested and rotated spark plugs. Clean fuel injectors. Lubed controls. Replaced induction air filter. Washed engine. Test run and leak check satisfactory.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details of this repair are on file under the work order # listed above at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805) 544-4664.


 Authorized Individual: Cameron Hamilton

Repair Station# P5GR276K

1-5-13 HOBBS 462.3

CHANGED OIL + FILTER w/
AEROSHELL 100

Date: 2/01/2013

Aircraft: N25281

Work Order Number: 22124

Tach: 0470.9

TT EN: 0470.9

Performed Annual Inspection per Coastal Air Maintenance 100-Hour/Annual checklist. Compressions: #1: 68/80, #2: 64/80, #3: 65/80, #4: 72/80, #5: 61/80, #6: 67/80. Master orifice pressure was 48psi. Borescoped engine per Continental SB03-3, no discrepancies found. Checked magneto timing. Cleaned, gapped, tested and rotated spark plugs. Cleaned fuel injectors and reinstalled with new o-rings and seals. Replaced induction air filter. Lubed controls. Washed engine. Test run and leak check satisfactory.


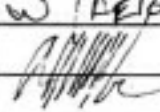



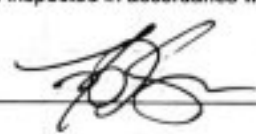
I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details of this repair are on file under the work order # listed above at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805) 544-4664.


 Authorized Individual: Cameron Hamilton

Repair Station# P5GR276K

1-3-14 HOBBS 540

CHANGED OIL + FILTER w/
AERO SHELL 100

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	Date: 03/18/2014 Tach: 569.4		Aircraft: N25281 TT EN: 569.4		Work Order Number: 22246
	Performed Annual Inspection per Coastal Air Maintenance 100-Hour/Annual checklist. Compressions: #1: 74/80, #2: 58/80, #3: 65/80, #4: 62/80, #5: 60/80, #6: 54/80. Master orifice was 48/80. Performed 500hr. magneto inspection on both magnetos. Replaced points in both magnetos. Installed all new spark plugs. Replaced induction air filter. Performed exhaust pressure test. Inspected oil pressure relief valve per TCM overhaul manual and reinstalled. Washed engine. Test run and leak check satisfactory.				
	I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details of this repair are on file under the work order # listed above at Coastal Air Maintenance, R/S #P5GR276K, 985 Airport Drive, San Luis Obispo CA 93401 (805) 544-4664.				
	 Authorized Individual: Grant R. Sahl Repair Station# P5GR276K				
8-12-14	40 BBS 620		CHANGED OIL & FILTER W/ AEROSHELL W100 + 108 FILTER 		
 Shaw Aviation Service, Paso Robles Airport (805) 237-0173 N25281 TSIO-550 N25281 H 656.9 11/14/2014					
1. Troubleshoot manifold pressure fluctuation. Cleaned contacts at transducer. Retorqued loose induction clamp. Inspected general engine condition.  Frank Shaw A&P 2526437 IA					
 Shaw Aviation Service, Paso Robles Airport (805) 237-0173 N25281 TSIO-550-C5 S/N 802745 T/TTE 0693.0 4/23/2015					
1. Annual inspection and maintenance completed this date. Checked magneto timing. Cleaned, tested, gapped, rotated spark plugs. Compressions: #1: 66/80. #2: 44/80. #3: 48/80. #4: 56/80. #5: 65/80. #6: 45/80. Minimum Orifice Reference, 42/80. 2. Performed borescope inspection of cylinders. Found normal to slightly high heat signatures, satisfactory. 3. Changed Engine Oil and Cleaned Screen. Serviced with Aeroshell 100W, 8 QT. 4. Corrected ignition timing, both magnetos. 5. Re-routed and secured TIT cable. 6. Adjusted and secured loose #6 engine baffle. 7. Removed oil pressure transducer and Hobbs switch. Cleaned manifold and associated lines. Flowed clean engine oil through system. Cleaned transducer and switch oil ends. Reassembled and bled system. Test satisfactory. 8. Replaced induction air filter element.					
I certify that this engine has been inspected in accordance with an annual inspection and was found in airworthy condition.  Frank Shaw A&P 2526437 IA					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward		→			

This Continental TSTO-550-C/5 was repaired (~~and overhauled~~) and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair or overhaul are on file at this repair station under work order # 1963

Date 11-8-15 Customer Hogue Grips

A/C# _____ Total Time A/C _____

Eng. T.T. 760.1 TSMOH 760.1 Ser.# 802745

Note: This engine was disassembled, cleaned & inspected. Engine was reassembled I/A/W Continental overhaul manual M-18. Replaced 654084A1 cam, 6 658088 intake lifters, 6 658077 exhaust lifters, 12 658958 rod bolts, 12 654490 rod nuts, overhauled 6 cylinders, 12 643398 rod bearings, 646292A2 bearing set, overhauled 6 connecting rods, all counterweight rollers, plates & snap rings, crank & cam.

Warranty Start Date _____

SIGNED Authorized Signature, _____ # _____

FAA Approved Repair Station #: N5ER485X

NEVADA AIRCRAFT ENGINE LLC.

250 SUNPAC AVE., HENDERSON, NV 89015

This Continental TSTO-550-C/5 was repaired (~~and overhauled~~) and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair or overhaul are on file at this repair station under work order # 1963

Date 11-8-15 Customer _____

A/C# _____ Total Time A/C _____

Eng. T.T. 760.1 TSMOH 760.1 Ser.# 802745

Note: bolts, alternator gear bolts 649205 & 2 641909 lockplates, new crankshaft large gear AFL632893 I/A/W S/B 13-6A and fuel pump was repaired for leaking. Engine was run on test stand to check for leaks, oil pressures and operation.

Warranty Start Date 11-8-2015

SIGNED Authorized Signature, Dennis Malone # N5ER485X

FAA Approved Repair Station #: N5ER485X

NEVADA AIRCRAFT ENGINE LLC.

250 SUNPAC AVE., HEN

Called Nevada Aircraft

Discussed motor rebuild

6-23-23

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
					N25281 Lancair400 S/N 41088
					12-15-2015 Hour Meter 764.0
					Replace starter adapter rear seal P/N 653171 and nut P/N 649924. Assemble with neww gaskets and orings.
					John H. Bacon A&P 11382455 <i>[Signature]</i>
					N25281 Lancair LC41-550FG S/N 41088
					2-15-2016 Hour Meter 773.9
					Changed engine oil. Inspect and replace oil filter P/N CH48108-1. Service engine with AeroShell W100 A.D. oil.
					<i>[Signature]</i> John H. Bacon AP 11382455
5-11-16					ENGINE OIL CHANGED. REPLACED OIL FILTER W/ 109-1. SERVICED WITH W100 OIL
801.1					
7 830					ENGINE OIL CHANGED. REPLACED OIL FILTER W-109-1. SERVICED WITH W100 Aeroshell

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
10-25-16					ENGINE OIL CHANGED, AND FILTER
14.860					SERVICED WITH PIROSHALL W-100 OIL.
					<i>[Signature]</i>
12-22-16					CHANGED ENGINE OIL AND
885					FILTER, SERVICED WITH
					W100 AEROSHELL TEST RUN AND
					LEAK OK. REORDERED OIL/FILTER W-100 -1
					<i>[Signature]</i> PILOT/OWNER

N25281 Lancair Model LC41-550FG S/N 41088

TCM TSIO-550-C5 S/N 802745

2-03-2017 Tach/TTSN 892.9

Check A.D. through 2017-02. Check compression

#1 76/80 #2 75/80 #3 76/80 #4 73/80 #5 75/80 #6 75/80.

Replaced induction air filter element. Check magneto timing,

replace spark plugs with new URHB32E Tempest 12 each. Replace

starter with new SkyTec P/N C12ST3 S/N 2C3-401619. Replaceno.4

EGT probe with new P/N AF1163201.

I CERTIFY THIS ENGINE HAS BEEN
 INSPECTED IN ACCORDANCE WITH AN
ANNUAL INSPECTION AND WAS
 DETERMINED TO BE IN AN AIRWORTHY
 CONDITION.
 DATE 2-3-2017 TOTAL TIME 892.9
 JOHN H. BACON A & P 11382455

John H. Bacon

IA A&P 11382455

[Signature]

N25281 Lancair Model LC41-550FG S/N 41088

TCM TSIO-550-C5 S/N 802745

4-04-2018 Tach/TTSN 998.7

Check A.D. notes through 2018-07. Check compression

#1 73/80 #2 77/80 #3 72/80 #4 76/80 #5 73/80 #6 77/80.

Clean and gap set all spark plugs. Check magneto timing.

Check fuel screen. Change engine oil and replace oil filter

CH48109-1

I CERTIFY THIS ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH AN
ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIR WORTHY
CONDITION.
DATE 4-4-2018 TOTAL TIME 998.7
JOHN H. BACON Z A A P 11382455

John H. Bacon

IA A&P 11382455

John H. Bacon

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
4-10-2017	907	0			Replace starter and motor with O/H P/N 42087A68 SIN CAM 16-152 ALL Niagara Air Parts 8130. Replace starter with P/N C12555 SIN H-R021857.
					<i>John H. Basem</i> AP11782455
5-5-17	914				CHANGED ENGINE OIL. SERVICED WITH W/100 AEROSHELL TEST RUN OK.
					<i>Pilot/owner</i>
9-17-17	945				ENGINE OIL CHANGED. SERVICED WITH W/100 AEROSHELL. CHAB REPLACED OIL FILTER WITH W-109-1 TEST RUN OK
					<i>Pilot/owner</i>
12-22-17	978				ENGINE OIL CHANGED - SERVICED WITH W/100 AEROSHELL TEST RUN OK.
					<i>Pilot/owner</i>
4-28-18					ENGINE OIL CHANGED - (ANNUAL SERVICED WITH W/100 AEROSHELL REPLACED FILTER W W-109-1
7-28-18	1040				ENGINE OIL CHANGED SERVICED WITH W/100 AEROSHELL 1040 TEST RUN OK
					<i>Pilot/owner</i>
10-30-18	1071				ENGINE OIL CHANGED. SERVICED WITH W/100 AEROSHELL. REPLACED OIL FILTER WITH W-109-1 TEST RUN OK
					<i>Pilot/owner</i>
5-1-19	1105				ENGINE OIL CHANGED SERVICED WITH W/100 AEROSHELL NO FILTER TEST RUN OK
					<i>Pilot/owner</i>

N25281 Lancair Model LC41-550FG S/N 41088

TCM TSIO-550-C5 S/N 802745

6-1-2019 Tach/T.T. 1119.3

Check A.D. notes through 2019-11. Check compression

#1 73/80 #2 76/80 #3 75/80 #4 71/80 #5 75/80 #6 74/80.

Clean and gap check all spark plugs. Check magneto timing.

Clean fuel screen. Change engine oil and replace oil filter

CH48109-1.

I CERTIFY THIS ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH AN
ANNUAL INSPECTION AND HAS
DETERMINED TO BE IN AN AIRWORTHY
CONDITION.
DATE 6-1-2019 TOTAL TIME 1119.3
JOHN H. BACON A & P 11382455

John H. Bacon

IA AP 11382455

John H. Bacon

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward				
8-10-19	1159			
ENGINE OIL CHANGED SERVICED WITH AEROSHELL W/OO NO FILTER TEST RUN OK. <i>[Signature]</i> owner				
10-27-19	1153			
ENGINE OIL CHANGED. FUEL CHANGED, SERVICED WITH AEROSHELL W/OO AND W/OO-FILTER. TEST RUN AND LEAK CHECK OK. <i>[Signature]</i> owner				

Date 01 October, 2020 N25281
Aircraft Model Lancair LC41-550FG S/N 41088
Hobbs Time 1247.7 Aircraft Total Time 1247.7

This engine inspected IAW 100 hr. inspection IAW FAR 43 appendix D was determined to be in an airworthy condition.

1. Compression check 1/77, 2/76, 3/78, 4/75, 5/76, 6/78
2. Spark plugs cleaned, inspected and tested. Reinstalled in rotation.
3. Drain engine oil, replace oil filter. Add 12 qts w100 AeroShell.
4. Remove right alternator (Gear driven ALX-9524).
Alternator overhauled by Aero Accessories Repair Station # XB2R86L under W.O. # 50316
Using overhauled alternator drive coupling.
Coupling overhauled by Quality Aircraft Accessories RSA# QYIR334Y W.O.# 064594
Install overhauled alternator.
5. Remove complete exhaust system.
Complete exhaust system overhauled by Krisley Exhaust System RS #NJ3R712L under W.O. 166093
Install OHC exhaust system with new gaskets and nuts.
6. Remove complete turbo charger system.
Turbocharger system overhauled by Approved Turbo Components RS# 07TR2100 under W.O. #s 37770, 37771, 37772, 37773, 37774
Install OHC turbo charger system.
7. Remove prop governor. Governor overhauled by West Coast Governors RSA # 8LLR039D, under work order # 1822. Installed OHC governor on engine.
8. Remove propeller.
Propeller Overhauled by Johnson Propeller Service CRS# J3PR491J under W.O. # 020-278
Prop installed on engine.
9. Remove left magneto.
500 hr inspection completed by Aircraft Magneto Service A/P1862854 under W.O. # 24980
Install magneto on engine, time both magnetos to 24 degs.
10. Replace ignition harness with Kelly Aerospace harness P/N KA12779.
11. Replace oil cooler cross fitting to comply with AD2016-21-04 P/N 658607
12. Engine ground run & leak checked.
13. Set RPM, Manifold Pressure and full throttle fuel pressure.

This Engine has been inspected and repaired in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.


Martin Caskey 3207149AP


Date 01 October, 2020 N25281
Aircraft Model Lancair LC41-550FG S/N 41088
Hobbs Time 1247.7 Aircraft Total Time 1247.7

This engine inspected IAW annual. inspection IAW FAR 43 appendix D was determined to be in an airworthy condition.


1. Compression check 1/77, 2/76, 3/78, 4/75, 5/76, 6/78
2. Complied with AD 2020-16-11 TCM Cylinders NA by P/N and S/N.
3. Prop Governor OHC by West Coast Governors RSA# 8LLR039D
4. Complied with AD 20-19-06. Prop governor bearing. N.A. OHC IAW S.B 13c, 223, 273.
5. Engine ground run & leak checked.
6. Set RPM, Manifold Pressure and full throttle fuel pressure.

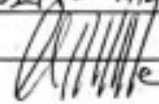


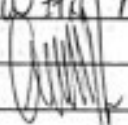
This Engine has been inspected and repaired in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.


Rex Awalt 2278749IA

1-12-21	1272			ENGINE OIL CHANGED SERVICED WITH AEROSHELL W100 - NO FILTER
				 OWNER
5-4-21	1294			ENGINE OIL CHANGED - FILTER CHANGED SERVICED WITH AERO SHELL W-100 AND W100 FILTER

TEST RUN AND LEAK CHECK 215

 OWNER

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
8-14-21	1332				ENGINE OIL CHANGED SERVICED WITH AGROSHILL W100 - NO FILTER  OWNER
<p>Date 01 January, 2022 N25281 Aircraft Model Lancair LC41-550FG S/N 41088 Hobbs Time <u>1356.4</u> Aircraft Total Time <u>1356.4</u> TCM TSIO550C5 S/N 802745 TTSN <u>1356.4</u> TSR <u>596.3</u></p> <ol style="list-style-type: none"> This engine inspected IAW Cessna Maintenance Manual 400MM06 Dated 20 May 2016. 100 hr inspection preformed IAW Section 5-10-00 dated 01 September, 2015 of maintenance manual was determined to be in an airworthy condition. Compression check 1/41e 2/76, 3/40e, 4/75, 5/76, 6/78 Spark plugs cleaned, inspected and tested. Reinstalled in rotation. Replace cylinders #1 & #3 with new TCM cylinders assemblies. Cylinder # 1 S/N AC21DB546 Cylinder # 3 S/N AC21CA620 Using new intake, exhaust & rocker cover gaskets. New rocker shafts. All supplied with cyl kits. Replace #5, 2, 4, 6, rocker cover gaskets with RG-632459 Gaskets torque to 25 in-lbs. ICA placed in permanent records. Replace upper inter cylinder baffles supports at cylinders # 1/3 & # 3/5. Repair upper inter cylinder baffle support at cylinders #2/4. Remove right alternator for oil leak. Install alternator with new gasket. Remove prop gov. for oil leak. Install repaired prop governor with new gasket. West Coast Governor Service. RS# 8LLR039D W.O. 1773 Engine ground run & leak checked. Torque rocker cover gaskets to 20 in-lbs. Drain engine oil, replace oil filter. CH48109 filter. Add 10 qts 100 AeroShell mineral oil. Engine ground run & leak checked. Set RPM, Manifold Pressure and full throttle fuel pressure. <p>This Engine has been inspected and repaired in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.</p> <p> Martin Caskey 3207149AP</p>					
<p>Date 01 January, 2022 N25281 Aircraft Model Lancair LC41-550FG S/N 41088 Hobbs Time <u>1356.4</u> Aircraft Total Time <u>1356.4</u> TCM TSIO550C5 S/N 802745 TTSN <u>1356.4</u> TSR <u>596.3</u></p> <p>This engine inspected IAW Cessna Maintenance Manual 400MM06 Dated 20 May 2016. Annual inspection IAW Section 5-10-00 dated 01 September, 2015 of maintenance manual was determined to be in an airworthy condition.</p> <p>This Engine has been inspected and repaired in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.</p> <p> Rex Awalt 2278749IA</p>					
3-22	1374				ENGINE OIL CHANGED SERVICED WITH AGROSHILL W-100 - NO FILTER  OWNER

THE
adlog
AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**PROPELLER
MAINTENANCE
RECORDS**

PROPELLER MAINTENANCE RECORDS

Log No. A

Aircraft Registration No. N25281

Propeller Manufacturer Hartzell

Hub Model HC-H34F-1RF / F7693DF

Blade Design No. F7693DF

Hub Serial No. LX111B

Blade Serial No's.

1. K18923

2. K18922

3. K18925

4. _____

Pitch Range:

High 42.15/422 Low 16.45/16.6

Feather _____ Reverse _____

Governor Manufacturer McCawley

Model No. C23003 N1143

Serial No. 041813

Date installed on aircraft 5-19-05

Time Between Overhauls (TBO) 2400 Hours

If used on multi-engine aircraft:

- ☐ Right ☐ Left
☐ Front ☐ Rear

(All applicable information must be filled in)



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TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page



Shaw Aviation Service, Paso Robles Airport (805) 237-0173

N25281 HC-H3YR-1RF S/N LX111B T/TTSN 0693.0 4/23/2015

1. Annual inspection this date. Cleaned, dressed as necessary, tracked per MSM.
2. Touched up paint on propeller face.

I certify that this propeller has been inspected in accordance with an annual inspection and was found in airworthy condition.

Frank Shaw A&P 2526437 IA

N25281 HC-H3YR-1RF S/N LX111B Hartzell Prop

11-20-2015 Tach/TTSN 760.1

Check A.D. notes through 2015-23. Inspect per instructions of manufacturer.

I CERTIFY THIS Prop HAS BEEN
INSPECTED IN ACCORDANCE WITH AN
Annual INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY
CONDITION.
DATE 11-20-2015 TOTAL TIME 760.1
JOHN H. BACON IA A&P 11382455

John H. Bacon

IA A&P 11382455

N25281 HC-H3YR-1RF S/N LX111B Hartzell Prop

2-03-2017 Tach / TTSN 892.9

Check A.D. notes through 2017-02. Inspect per instructions of manufacturer.

I CERTIFY THIS Prop HAS BEEN
INSPECTED IN ACCORDANCE WITH AN
Annual INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY
CONDITION.
DATE 2-3-2017 TOTAL TIME 892.9
JOHN H. BACON IA A&P 11382455

John H. Bacon

IA A&P 11382455

425201 42-41346-107 5/10/2018 10:00:00 AM

4-4-2018 Tech/TY90 000.7

Check 4.3 notes through 2018-07 inspect for indications of
manufacturer

1. INSPECT THE Post 0/0 000
INSPECTION BY T.S. 00000 000 00
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N25281 HC-H3YR-1RF S/N LX111B Hartzell Prop

6-1-2019 Tach/T.T.SN 1119.3

Check A.D. notes through 2019-11. Inspect per instructions of
manufacturer.

I CERTIFY THIS Prop HAS BEEN
INSPECTED IN ACCORDANCE WITH AN
ANNUAL INSPECTION AND HAS
DETERMINED TO BE IN AN AIRWORTHY
CONDITION.
DATE 6-1-2019 TOTAL TIME 1119.3
JOHN H. BACON A & P LICENSE

John H. Bacon

IA AP 11382455

John H. Bacon

Date 01 October, 2020 N25281

Aircraft Model Lancair LC41-550FG S/N 41088

Hobbs Time 1247.7 Aircraft Total Time 1247.7

Hartzell Propeller MDL # HC-H3YF-1RF/ F7693DF S/N LX111B

Blade S/N K18922, K18923, K18925

This propeller inspected IAW 100 hr. inspection IAW FAR 43 appendix D was determined to be in an airworthy condition.

1. Remove prop governor.
Governor overhauled by West Coast Governors RSA # 8LLR039D, under work order # 1822. Installed OHC governor on engine.
2. Remove propeller.
Propeller Overhauled by Johnson Propeller Service CRS# J3PR491J under W.O. # 020-278
Prop installed on engine.
3. Ground run leak check & set max rpm.

This Propeller has been inspected in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.



Martin Caskey 3207149AP

Page No. _____

3-
FORMING WORK

Date 01 October, 2020 N25281

Aircraft Model Lancair LC41-550FG S/N 41088

Hobbs Time 1247.7 Aircraft Total Time 1247.7

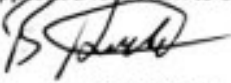
Hartzell Propeller MDL # HC-H3YF-1RF/ F7693DF S/N LX111B

Blade S/N K18922, K18923, K18925

This propeller inspected IAW annual. inspection IAW FAR 43 appendix D was determined to be in an airworthy condition.

1. Propeller overhauled by Johnson propeller CRS#J3PR491J W.O. #02-278
2. Ground run leak check & set max rpm.

This Propeller has been inspected in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.



Rex Awalt 2278749IA

Date 01 January 2022 N25281

Aircraft Model Lancair LC41-550FG S/N 41088

Hobbs Time 1356.4 Aircraft Total Time 1356.4

Hartzell Propeller MDL # HC-H3YF-1RF/ F7693DF S/N LX111B

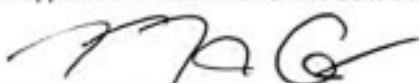
Blade S/N K18922, K18923, K18925

TTSN 1356.4 TSOH 105.7

This propeller inspected IAW Cessna Maintenance Manual 400MM06 Dated 20 May 2016. 100 hr. inspection IAW Section 5-10-00 dated 01 September, 2015 of maintenance manual was determined to be in an airworthy condition.

1. Propeller lube IAW Hartzell Propeller owner's manual and placard on propeller.
2. Ground run leak check.

This Propeller has been inspected in Accordance with current Regulations of the Federal Aviation Agency and is approved for return to service as to the work performed.



Martin Caskey 3207149AP

SUB-TOTALS this page

TOTALS-Carry forward to next page

