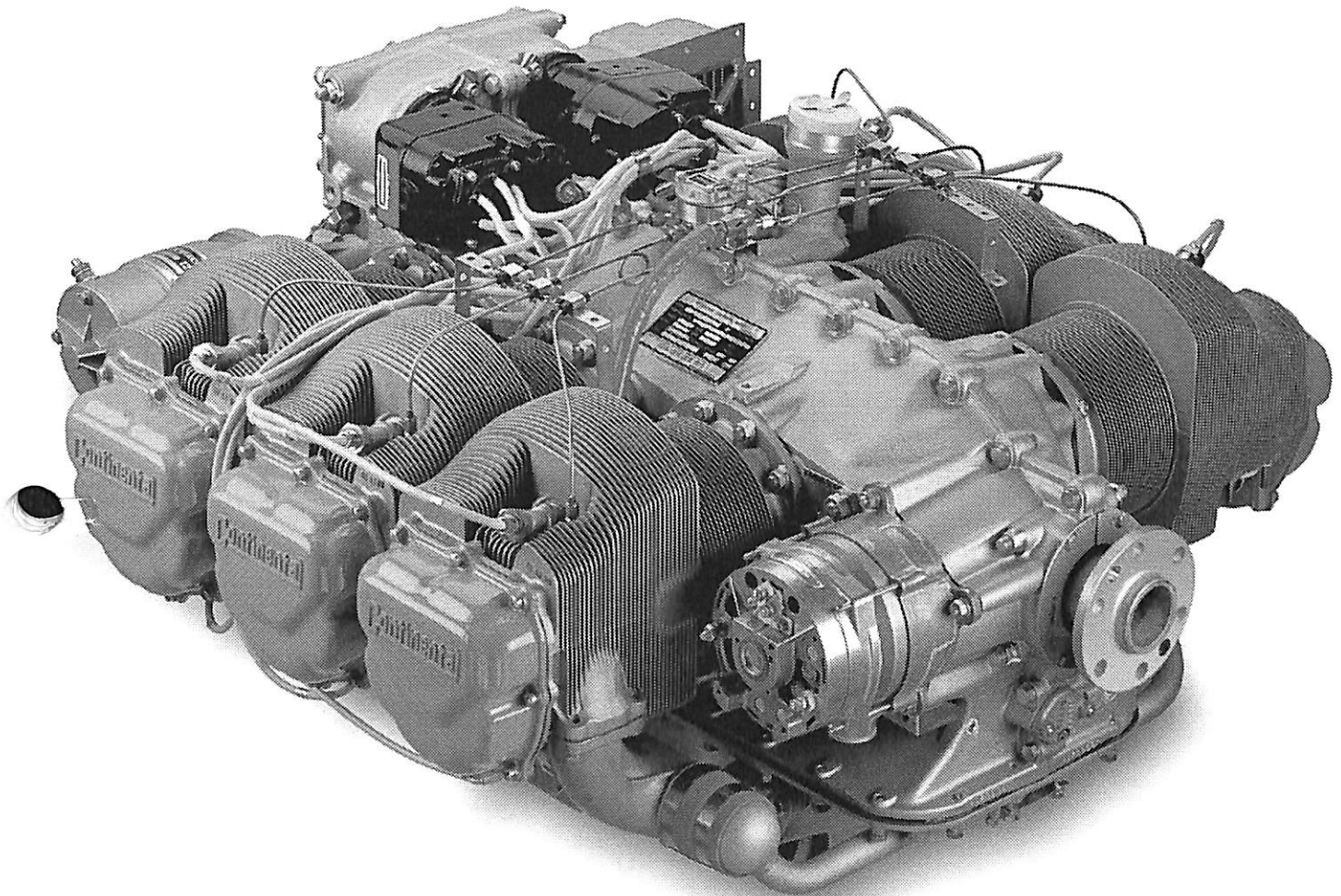


● ENGINE LOG BOOK



● **Teledyne Continental Motors, Inc.**

The subject aircraft was involved in an incident /
accident on 6/20/2024 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 0542147327US.

Signed: ***Underwriters Salvage Company***

Date: **11/21/2024**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

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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 -					
5-2-11	Model: IO-550-N S/N: 688072 N 141PB		Work Order #: B7092 Hobbs: 618.1 TSN: 618.1		HEALDSBURG AVIATION INC. HEALDSBURG, CA 95448 707-433-8540 ENGINE LOG INSERT
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Oil and filter changed; serviced with Aeroshell W100Plus. Oil analysis sample taken. <i>[Signature]</i> I.A. 3040317 Date: May 2, 2011 END					
10-12-11	Model: IO-550-N S/N: 688072 N 141PB		Work Order #: B7254 Hobbs: 624.9 TSN: 624.9		HEALDSBURG AVIATION INC. HEALDSBURG, CA 95448 707-433-8540 ENGINE LOG INSERT
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Performed compression test and borescope inspection in accordance with TCM SB 03-03, master orifice calibrated fail limit 46/80: #1 73/80, #2 75/80, #3 75/80, #4 76/80, #5 77/80, #6 76/80. Replaced air filter element. Cleaned and tested spark plugs. Checked ignition timing in accordance with TCM MSB 94-8D. TCM SB 95-2 complied with by inspection and lube of engine controls. Checked fuel injection pressures in accordance with TCM SID 97-3E. Performed Top Care inspection in accordance with TCM SID 97-2B. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition <i>[Signature]</i> I.A. 3040317 Date: October 12, 2011 END					
Engine Model IO550N25. Date: 01-20-2012 Eng S/N 688072 Hobbs 677.4 Reg No: N141PB Eng TT 677.4 Induction air-filter replaced p/n BA-9005. Removed and serviced oil with 7 qts aeroshell w 100 50wt. Removed oil filter, cut inspected for debris and checked good. Installed new oil filter p/n ch48109-1. Spark plugs removed cleaned and inspected and reinstalled. Performed compression checks cyl 1 72/80, cyl 2 74/80, cyl 3 74/80, cyl 4 76/80, cyl 5 72/80 cyl 6 74/80. Magneto timing checked good. AD 2007-16-10 n/a by no stc modification. AD 2011-25-51 n/a starter adapter more than 100 hrs in service. Fuel nozzles removed, cleaned inspected and reinstalled. Post ops and leaks checked good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. <i>[Signature]</i> Harpal Chadda A&P, I.A. 2678073					
Engine Model IO550N25. Date: 02-04-2013 Eng S/N 688072 Hobbs 732.6 Reg No: N141PB Eng TT 732.6 Induction air-filter replaced p/n BA-9005. Removed and serviced oil with 7 qts aeroshell w 100 50wt. Removed oil filter, cut inspected for debris and checked good. Installed new oil filter p/n ch48109-1. Spark plugs removed cleaned and inspected and reinstalled. Performed compression checks cyl 1 70/80, cyl 2 72/80, cyl 3 74/80, cyl 4 74/80, cyl 5 70/80, cyl 6 72/80. Borescoped cylinders and checked good. Magneto timing checked good. AD 2012-10-13 n/a starter adapter more than 100 hours in service. AD 2011-25-51 n/a starter adapter more than 100 hrs in service. Fuel nozzles removed, cleaned inspected and reinstalled. Post ops and leaks checked good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. <i>[Signature]</i> Harpal Chadda A&P, I.A. 2678073					

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 For					
Engine Model IO550N25.	Date: 01-12-2015				
Eng S/N 688072	Hobbs 850.7				
Reg No: N141PB	Eng TT 850.7				
Induction air-filter replaced p/n BA-9005. Removed and serviced oil with 7 qts aeroshell w 100 50wt. Removed oil filter, cut inspected for debris and checked good. Installed new oil filter p/n ch48109-1. Spark plugs removed cleaned and inspected and reinstalled. Performed compression checks cyl 1 70/80, cyl 2 70/80, cyl 3 70/80, cyl 4 72/80, cyl 5 72/80, cyl 6 74/80 Magneto timing checked good. nozzles removed, cleaned inspected and reinstalled. Post ops and leaks checked good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.					
				<i>Harpal Chadda</i>	
				Harpal Chadda A&P, I.A. 2678073	
Engine Model IO550N25.	Date: 12-27-2016				
Eng S/N 688072	Hobbs 898				
Reg No: N141PB	Eng TT 898				
AD2014-05-29 n/a by no superior air parts cylinders installed. Induction air-filter replaced p/n BA-9005. Removed and serviced oil with 7 qts aeroshell w 100 50wt. Removed oil filter, cut inspected for debris and checked good. Installed new oil filter p/n ch48109-1. Spark plugs removed cleaned and inspected and replaced with new rhb32e spark-plugs. Performed compression checks cyl 1 68/80, cyl 2 69/80, cyl 3 68/80, cyl 4 70/80, cyl 5 70/80, cyl 6 70/80 Magneto timing checked good. nozzles removed, cleaned inspected and reinstalled. Post ops and leaks checked good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.					
				<i>Harpal Chadda</i>	
				Harpal Chadda A&P, I.A. 2678073	
Engine Model IO550N25.	Date: 1-9-2017				
Eng S/N 688072	Hobbs 952				
Reg No: N141PB	Eng TT 952				
AD2014-05-29 n/a by no superior air parts cylinders installed. Induction air-filter replaced p/n BA-9005. Removed and serviced oil with 7 qts aeroshell w100 50wt. Removed oil filter, cut inspected for debris and checked good. Installed new oil filter p/n ch48109-1. Spark plugs removed cleaned and inspected and reinstalled. Performed compression checks cyl 1 70/80, cyl 2 71/80, cyl 3 72/80, cyl 4 70/80, cyl 5 72/80, cyl 6 70/80 Magneto timing checked good. nozzles removed, cleaned inspected and reinstalled. Post ops and leaks checked good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.					
				<i>Harpal Chadda</i>	
				Harpal Chadda A&P, I.A. 2678073	
Engine Model IO550N25.	Date: 5-28-2018				
Eng S/N 688072	Hobbs 994.2				
Reg No: N141PB	Eng TT 994.2				
AD2014-05-29 n/a by no superior air parts cylinders installed. Induction air-filter replaced p/n BA-9005. Removed and serviced oil with 7 qts aeroshell w100 50wt. Removed oil filter, cut inspected for debris and checked good. Installed new oil filter p/n ch48109-1. Spark plugs removed cleaned and inspected and reinstalled. Performed compression checks cyl 1 66/80, cyl 2 68/80, cyl 3 69/80, cyl 4 68/80, cyl 5 69/80, cyl 6 70/80 Magneto timing checked good. nozzles removed, cleaned inspected and reinstalled. Post ops and leaks checked good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.					
				<i>Harpal Chadda</i>	
				Harpal Chadda A&P, I.A. 2678073	
Engine Model IO550N25	Date: 1-23-2019				
Eng S/N 688072	Hobbs				
Reg No: N141PB	Eng TT 994.2				
Removed and replaced starter with new Tempest powerflite starter 10-500566-1R 08-07099 by Kelly aerospace. Ops and leaks checked good					
				<i>Harpal Chadda</i>	
				Harpal Chadda A&P, 2678073	
Engine Model IO550N25.	Date: 7-25-2018				
Eng S/N 688072	Hobbs 1005				
Reg No: N141PB	Eng TT 1005				
Removed and replaced lt magneto with 10-500566-1R by Kelly aerospace. Timing performed on both mags and checked good. Ops and leaks checked good					
				<i>Harpal Chadda</i>	
				Harpal Chadda A&P, 2678073	

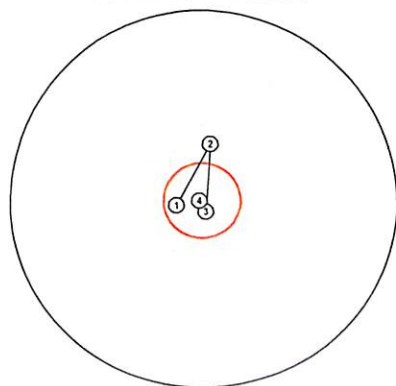
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
ENGINE MODEL: Troutdale Aircraft Services, Inc. ENGINE S/N: Repair Station No. T9ZR725Y REG. NO. 141PB 1250 NW Perimeter Way WORK ORDER: 4147 Troutdale, OR 97060 USA Phone: 503-666-3838 DATE: 8/25/2009 A/C TSN 494 8 ENG TT: HOBBS 494 8 Engine Entries 2 100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using . The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard: 8 TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems. 9 TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetoes. 10 TCM - C/W SB 03-3 Differential Pressure test and bore scope inspection procedures for cylinders. 11 TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine. 12 TCM - C/W SB 96-12 Continued Airworthiness Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains. 13 TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07. 14 TCM - C/W SB 08-13 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation. 24 Removed LH & RH magnetos for overhaul. Installed magneto's and timed to engine in accordance with TCM MSB 94-8C. Engine was ran checked for leaks and proper operation and OK. 34 Performed engine fuel system setup in accordance with TCM SID97-3E. 59 Removed starter drive adapter. Disassembled, Cleaned, Inspected. Shaftgear and Brassgear turned M015 by Premier Aircraft. Replaced parts as required, Reassembled and Bench tested IAW TCM Manual X30568A. Installed adapter on engine. 62 Removed all engine cylinders for repair. Installed torque plates during disassembly. Cylinders were sent to Premier Aircraft for repair, 5 cylinders were repaired and one new cylinder was installed. engine was assembled in accordance with TCM Service bulletins and Service directives. The engine was ran checked for leaks and proper operation and OK. The number 1 cylinder was replaced with a new TCM cylinder. The engine baffles were repaired and sealed as required to aid in cooling. See yellow tags and 8130's for further information. I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney DATE: 8/25/2009 SIGNED: Scott K Kenney Scott Kenney Certified Repair Station No. T9ZR725Y Work Order: 4147 Printed by EBis 3 (datamedia.com) 10/2/09 505.3 hrs OIL CHANGE (10 hr after new cylinders) Drained Engine Oil. Inspected drained oil for metal (none found). Removed Oil Filter. Installed new Champion CH48109-1 oil filter. Serviced sump with 8 qts of Exxon Elite 20W50. Ran up engine. Checked for leaks (none found). Mark Mitchell SEL/IR 3239617					

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 →					
1/15/10 525.7 hrs OIL CHANGE Drained Engine Oil. Inspected drained oil for metal (none found). Removed Oil Filter. Installed new Champion CH48109-1 oil filter. Serviced sump with 8 qts of Exxon Elite 20W50. Ran up engine. Checked for leaks (none found). Mark Mitchell SEL/IR 3239617					
Model: IO-550-N Work Order #: B6878 HEALDSBURG AVIATION INC. S/N: 688072 Hobbs: 571.3 HEALDSBURG, CA 95448 N 141PB TSN: 571.3 707-433-8540 ENGINE LOG INSERT 9/3/10 Annual The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Oil and filter changed; serviced with Aeroshell W100Plus; oil analysis sample taken. Installed new Champion spark plugs P/N RHB32E. Adjusted ignition timing in accordance with TCM MSB 94-8D. Replaced air filter element. Performed compression test and borescope inspection in accordance with TCM SB 03-03, master orifice calibrated fail limit 46/80: #1 76/80, #2 74/80, #3 76/80, #4 78/80, #5 78/80, #6 76/80. TCM SB 95-2 complied with by inspection and lube of engine controls. Performed fuel injection pressure check in accordance with TCM SID 97-3E. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition Rob B Holloway I.A. 3040317 Date: September 3, 2010 END 6/15/10 oil change The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Oil and filter changed; serviced with Aeroshell W100Plus. Performed compression test and borescope inspection in accordance with TCM SB03-03; master orifice calibrated fail limit 46/80: #1 79/80, #2 78/80, #3 77/80, #4 75/80, #5 76/80, #6 79/80. Adjusted fuel injection pressure in accordance with TCM SID 97-3E. Rob B Holloway A.P. 3040317 I.A. Date: June 15, 2010 END 2/8/2011 oil change The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Oil and filter changed; serviced with Aeroshell W100Plus. Oil analysis sample taken. Rob B Holloway I.A. 3040317 Date: February 8, 2011 END					

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					
		8-26-07			Tach 293.7 N141PB
					Oil and filter change. Inspect oil filter. Install new CH481109-1 Filter and service engine with 7 qts Aeroshell 15w50. Minor leaks on #2 and #5 rocker covers, tightened all rocker covers as needed. Tested all systems for functionality. Noticed some heat discoloration of Cowl and battery box from left exhaust. Ground run leak check performed satisfactory. All systems checked for functionality.
					Mark Mitchell ASEL #3239617
1-16-08	Lancair	LC42-550FC	s/n 42066	N141PB	Hobbs time: 346.6
	Engine:		Continental IO-550-N		s/n 688072
	Changed oil, and filter. Serviced with 7 qts. Exxon 20w50 oil. Washed down engine. Ground run, and checked for leaks.				
					Lars Allen CRSYEBRO71L wo# 20109
12/11/07	Minor Alteration, negligible weight Installed Reiff Corp. engine sump oil heater, FAA-PMA No. PQ2585CE, in accordance with installation instructions. Work completed by Mark Mitchell Owner				
	Mark Mitchell SEL 3239617				
	Supervised and approved for return to service by:				
	Jere Marble A&P # 3383107				
5/12/08	392.1 hrs				
	Drained Engine Oil. Sent oil sample to Blackstone Lab. for spectrographic analysis. Inspected drained oil for metal (none found). Removed Oil Filter, cut open and inspected filter media for metal (none found). Installed new Champion CH48109-1 oil filter. Serviced sump with 5-1/2 qts of Exxon Elite 20W50. Ran up engine. Checked for leaks (none found).				
	Mark Mitchell SEL/IR 3239617				

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					
	Professional Air 63132 Powell Butte Hwy. Bend, Oregon 97701 (541) 388-0019 N141PB Engine Model: IO550N25 S/N: 688072 4-JUNE-2008 HOBBS: 397.6 TTSN: 397.6 W/O: 08-41438 Complied with an Annual Inspection per manufactures maintenance manual. Checked compression: #1 70/80 #2 70/80 #3 68/80 #4 68/80 #5 69/80 #6 66/80. Removed and replaced valve cover gaskets. Cleaned fuel injectors and set up engine. Cleaned, gapped, tested and rotated spark plugs. Checked magneto to engine timing. Checked engine controls for condition and proper operation, lubed controls. Checked all engine components for security and condition. Performed operational check for leaks and proper operation, no defects noted. Complied with AD's through bi weekly 2008-11. I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.				
	Kennen Andersen A&P4828666331A Kennen Andersen Professional Air				
	  				
	9/15/08 441.0 hrs				
	Drained Engine Oil. Sent oil sample to Blackstone Lab. for spectrographic analysis. Inspected drained oil for metal (none found). Removed Oil Filter, cut open and inspected filter media for metal (none found). Installed new Champion CH48109-1 oil filter. Serviced sump with 5-1/2 qts of Exxon Elite 20W50. Ran up engine. Checked for leaks (none found).				
	Mark Mitchell SEL/IR 3239617				
1/15/09	scheduled oil change not completed A/C in for service @ Pacific States Aviation				
					
	Date: 4/30/2009; Aircraft: N141PB; S/N: 42066; Hobbs: 470.7; Total Time: 470.7; Engine - Type: , S/N: , Time: , SMOH: ; Prop - Type: , S/N: , Time: , SMOH: Shop Order #: 08-14666 Changed oil, and filter. Serviced with 8 quarts of Exxon Elite 20w50, and a CH48109-1 filter. Run up and leak check satisfactory. This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.				
	Signed:  for Pacific States Aviation, Inc.-Repair Station No. CPFR948C				
	5/1/09 A/C was @ PSA for 4 months had them change oil before return to service - No sample sent to Blackstone - (unavailable)				

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 →					
Registration: N141PB Model: LC42-550FG Serial: 42066					
COLUMBIA <i>Aircraft of Texas</i> Service Center					
Fieldtech Avionics & Instruments, Inc. 4151 N Main St. Fort Worth Texas 76106					
Engine Log Entry TCM IO-550-N(25) Serial: 688072					
Date: 05-18-2007 Hour Meter: 246.8 Total Time: 246.8					
Performed Annual Inspection following Columbia 350 Maintenance Manual Inspection checklist. Compression test results: 1) 72 2) 70 3) 66 4) 74 5) 72 6) 72/80. Drained oil and removed oil filter, cut open and inspected media with no defects noted. Installed new CH48108-1 filter and 7 quarts Exxon Elite 20W50 oil. Installed new induction filter element P/N BA-9005. Installed new exhaust coupling P/N LA71849109 below cylinder #3. Installed new baffling support bracket P/N LA71801016 Rev. D at top of cylinder #1. Installed two new shims under air conditioner idler pulley to improve belt alignment and re-tensioned belt in accordance with TCM Drawing 646464 of TCM Kit EQ6580. Work performed in accordance with Lancair Columbia 350 Maintenance Manual and the above mentioned service information. I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be airworthy in accordance with FAR 43 Appendix D.					
David R. Jones <i>David R. Jones</i> A&P 457906864 IA					
N141PB Hobbs: 287.7 Replaced left tank sump drain and inboard tank access cover with Columbia furnished parts 79C20M & LA57650001. Sealed panel with PR1428B1/2. Leak check ok.					
JET WEST, LLC 1880 GENTRY WAY RENO, NEVADA 89502 TEL: 775-825-6400 DATE: <u>7/25/07</u> W/O: <u>2636</u> BY: <i>[Signature]</i> FOR FAA REPAIR STATION AW4R065M					

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 →					
N141PB Hobbs: 287.7 Checked and adjusted metered and unmetereed fuel pressures i/a/w TCM SID97-3C. Replaced #4 rocker cover gasket. Ground performance runup and leak check ok.					
JET WEST, LLC 1880 GENTRY WAY RENO, NEVADA 89502 TEL: 775-825-6400 DATE: <u>7/25/07</u> W/O: <u>2636</u> BY: <i>[Signature]</i> FOR FAA REPAIR STATION AW4R065M					
 FAA CRS NA3R703L PH: (775) 972-5540 Reno-Stead Airport 4825 Texas Avenue Reno NV 89506					
Date: 8/24/2007; Aircraft: N141PB; Type: LANCAIR; S/N: 42066; Hobbs: 293.00 Engine dies when landing-checked metered and unmetereed fuel pressure found unmetereed fuel pressure to be 45 psi @2700 rpm adjusted to 32.0 psi. Next checked for lean rise there was no note able lean rise, adjusted idle mixture 1 full turn rich now 75 rpm lean rise idle was @ 550-600. Adjusted per Continental Service Manual. Final inspection by Robb Steele. Operational checked aircraft runs correctly on approach and landing all good. Pertinent details of work accomplished on file at this Agency					
Signed: <i>Robb Steele</i> Inspector: <i>[Signature]</i> Date: 8/24/2007 Work Order #14702 INSP for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L RS/8					
ENG/PROP DYNAMICALLY BALANCED ----- POLAR PLOT - 1.0 IN/S FS -----					
					
Operator Comments Dressed propeller blade leading edges. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148 B dated Feb 07, 1992 and Chadwick Helmuth document AVW 9511-2 dated 12 June 1990 using DSS MicroVib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of 137 @ 2530 rpm reduced to 014 IPS @ 2517 rpm by removal of existing weight at 60 degrees and installation of AN hardware balance weights on spinner rear bulkhead, 14.33 grams @ 40 degrees and 10.12 grams @ 130 degrees. Fitted baffle seal in several areas to seal against cowling. Jim Barker A&P 2755069 Aviaton Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar 715 822 5787 Cell: 715 491 1303 Email jim@aviationvibes.com www.aviationvibes.com					
N141PB Columbia 350 42066 295.2 Hrs Cont IO 550 N 25 688072 HP 2520 RPM MicroVib II SN:1072 Cal:12/14/2006 Initial: 0.137 IN/S @ 2529.8 RPM Final: 0.012 IN/S @ 2516.5 RPM					
Oper: <i>[Signature]</i> Date: 09/20/2007 Jim Barker A&P 2755069					

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					
N141PB CONTINENTAL IO-550-N25 20 MARCH, 2006					
ENGINE TOTAL TIME SINCE NEW: 98.4 ENGINE TOTAL TIME SINCE MAJOR O/H: 98.4 HOURMETER READING: 98.4					
THIS DATE COMPLETED 100-HOUR INSPECTION IN ACCORDANCE WITH COLUMBIA 350 MODEL LC42-550FG AIRPLANE MAINTENANCE MANUAL (TB050002F), ENGINE MANUFACTURERS SERVICE MANUAL, FAR PART 43 APPENDIX D, AND STANDARD APPROVED MAINTENANCE PRACTICES. CHANGED OIL AND OIL FILTER; CLEANED AND REGAPPED ALL SPARK PLUGS; ROUTINE MAINTENANCE AND MINOR DISCREPANCIES CORRECTED. COMPLETED POST MAINTENANCE GROUND RUNUP AND TESTED ALL SYSTEMS FOR FUNCTIONALITY. COMPLIED WITH COLUMBIA SERVICE BULLETIN SB-06-004 (MIXTURE CONTROL LEVER ATTACHEMENT SECURITY). NO DEFECT FOUND. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100-HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.					
RAYMOND L. YOUNG AP19936841A					
DATE 05-22-06 HOBBS 117.1 TOTAL TIME 117.1 N141PB					
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. REPAIRS AND MAINTENANCE ARE AS FOLLOWS: COMPRESSIONS: 1- 68/80, 2- 70/80, 3- 68/80, 4- 68/80, 5- 72/80, 6- 70/80. OIL AND FILTER CHANGE. INSPECT OIL FILTER. INSTALL NEW CH48109-1 FILTER AND SERVICE ENGINE WITH 8 QTS. OF EXXON ELITE 20W-50 OIL. REMOVED, CLEANED AND REINSTALLED FUEL INJECTORS. R/R INDUCTION AIR FILTER BA-9005. ALL AD'S CURRENT SEE AD LIST. WASH DOWN ENGINE, GROUND RUN, OPERATIONAL AND LEAK CHECK PERFORMED SATISFACTORY. END					
KURT SCHIMPF A&P 292640097IA SELECT AIRCRAFT SERVICE					
DATE 7-25-06 TACH 168.9 N141PB					
OIL AND FILTER CHANGE. INSPECT OIL FILTER. INSTALL NEW CH481109-1 FILTER AND SERVICE ENGINE WITH 12 QTS. OF AEROSHELL 100W OIL. GROUND RUN LEAK CHECK PERFORMED SATISFACTORY. END.					
JOHN RANDALL A&P478708217 SELECT AIRCRAFT SERVICE					
N141PB CONTINENTAL IO-550-N25 6 NOVEMBER, 2006					
ENGINE TOTAL TIME SINCE NEW: 192.8 ENGINE TOTAL TIME SINCE MAJOR O/H: 192.8 HOURMETER READING: 192.8					
THIS DATE COMPLETED 50-HOUR INSPECTION IN ACCORDANCE WITH COLUMBIA 350 MODEL LC42-550FG AIRPLANE MAINTENANCE MANUAL (TB050002F), ENGINE MANUFACTURERS SERVICE MANUAL, FAR PART 43 APPENDIX D, AND STANDARD APPROVED MAINTENANCE PRACTICES. CHANGED OIL AND OIL FILTER; CLEANED AND REGAPPED ALL SPARK PLUGS; ROUTINE MAINTENANCE AND MINOR DISCREPANCIES CORRECTED. COMPLETED POST MAINTENANCE GROUND RUNUP AND TESTED ALL SYSTEMS FOR FUNCTIONALITY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100-HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.					
RAYMOND L. YOUNG AP19936841A					
COMPRESSION CHECK 1 63 2 62 3 60 4 61 5 60 6 65					

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					
Registration: N141PB Model: LC42-550FG Serial: 42066					
COLUMBIA Aircraft of Texas					
Fieldtech Avionics & Instruments, Inc. 4151 N Main St. Fort Worth Texas 76106					
Engine Log Entry					
Date: 11-28-2006 Hour Meter: 214.3 Total Time: 214.3					
Removed right alternator ALX-6526 (641670A2 with drive gear) Serial F033807 due to intermittent operation; installed new ALX-6526 (641670A2 with drive gear) Serial F053464 with new gasket. Ground run and all operational checks satisfactory, no leak noted. Work performed in accordance with Lancair 400 Maintenance Manual and TCM TSIO-550-B,C,E Overhaul Manual.					
David R. Jones A&P 457906864 IA					
NEW ENTRY CORRECTED DATE DATE 6-7-06 HOBBS 117.1 TOTAL TIME 117.1 N141PB					
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. REPAIRS AND MAINTENANCE ARE AS FOLLOWS: COMPRESSIONS: 1- 68/80, 2- 70/80, 3- 68/80, 4- 68/80, 5- 72/80, 6- 70/80. OIL AND FILTER CHANGE. INSPECT OIL FILTER. INSTALL NEW CH48109-1 FILTER AND SERVICE ENGINE WITH 8 QTS. OF EXXON ELITE 20W-50 OIL. REMOVED, CLEANED AND REINSTALLED FUEL INJECTORS. R/R INDUCTION AIR FILTER BA-9005. ALL AD'S CURRENT SEE AD LIST. WASH DOWN ENGINE, GROUND RUN, OPERATIONAL AND LEAK CHECK PERFORMED SATISFACTORY. END					
KURT SCHIMPF A&P 292640097IA SELECT AIRCRAFT SERVICE					
N141PB CONTINENTAL IO-550-N25 7 MARCH, 2007					
ENGINE TOTAL TIME SINCE NEW: 230.9 ENGINE TOTAL TIME SINCE MAJOR O/H: 230.9 HOURMETER READING: 230.9					
THIS DATE COMPLETED 50-HOUR INSPECTION IN ACCORDANCE WITH COLUMBIA 350 MODEL LC42-550FG AIRPLANE MAINTENANCE MANUAL (TB050002F), ENGINE MANUFACTURERS SERVICE MANUAL, FAR PART 43 APPENDIX D, AND STANDARD APPROVED MAINTENANCE PRACTICES. CHANGED OIL AND OIL FILTER (OPENED & INSPECTED OIL FILTER); REPLACED ALL SPARK PLUGS (12 EA RHB32E); ROUTINE MAINTENANCE AND MINOR DISCREPANCIES CORRECTED. COMPLETED POST MAINTENANCE GROUND RUNUP AND TESTED ALL SYSTEMS FOR FUNCTIONALITY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100-HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.					
RAYMOND L. YOUNG AP19936841A					

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.



This engine model I0550N25, Serial No. 688072 was manufactured on 02/05/2005 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. 566

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.	
5-05-05	0	0	0	0	 This engine S/N 688072 installed in N141PB LC42-550FG S/N 42066 <i>James Mills</i> For The Lancair Company
DATE 7-05-05 HOBBS 24.8 N141PB OIL AND FILTER CHANGE. INSPECT OIL FILTER. INSTALL NEW CH48109-1 FILTER AND SERVICE ENGINE WITH 8 QTS. OF EXXON ELITE 20W-50 OIL. GROUND RUN LEAK CHECK PERFORMED SATISFACTORY. END. <i>Kurt Schimpf</i> ATP 2426400971A KURT SCHIMPF ATP2926400971A SELECT AIRCRAFT SERVICE					
N141PB CONTINENTAL IO-550-N25 23 AUGUST, 2005 THIS DATE COMPLETED 50-HOUR INSPECTION IN ACCORDANCE WITH COLUMBIA 350 MODEL LC42-550FG AIRPLANE MAINTENANCE MANUAL (TB050002F), ENGINE MANUFACTURERS SERVICE MANUAL, FAR PART 43 APPENDIX D, AND STANDARD APPROVED MAINTENANCE PRACTICES. CHANGED OIL AND OIL FILTER; CLEANED AND REGAPPED ALL SPARK PLUGS; ROUTINE MAINTENANCE AND MINOR DISCREPANCIES CORRECTED. COMPLETED POST MAINTENANCE GROUND RUNUP AND TESTED ALL SYSTEMS FOR FUNCTIONALITY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 50-HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>Raymond L. Young</i> RAYMOND L. YOUNG AP19936841A					ENGINE TOTAL TIME SINCE NEW: 52.0 ENGINE TOTAL TIME SINCE MAJOR O/H: --- HOURMETER READING: 52.0