



CONTINENTAL

A E R O S P A C E T E C H N O L O G I E S

**ENGINE
LOG
BOOK**

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					

ENGINE MODEL TSIO-550-K
ENGINE S/N 144328
REG NO N75T
WORK ORDER DLH21360-12-2022

CIRRUS Cirrus Design Factory Service Center
Repair Station No YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone 218-788-3049

DATE 12/29/2022
A/C TSN 28
ENG TT 28
HOBBS 43

Engine Entries

(3) Replaced Slope controller P/N 646318-13. Removed S/N H-ZHN00102. Installed S/N H-ZIN00161 IAW SR22T AMM 78-10 and Continental MM M-18. Flight test satisfactory

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R855Y.


DATE: 12/29/2022

SIGNED:

Sean Dorow
Certified Repair Station No YD5R855Y

Work Order DLH21360-12-2022

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Engine: Continental	 Woodhouse Aviation, LLC 2050 N 300 W, Hangar #63 Spanish Fork, UT 84660	Flt Hobbs: 24.8
Model: TSIO-550-K (2B)		TTA: 24.8
Serial #: 1044328		TTE: 24.8
Reg #: N75T		Hobbs: 31.4

Drained mineral oil. Removed oil filter, cut and inspected. No contaminants were noticed. Reserviced engine using 7 quarts of Phillips 20/50 XC oil. Installed torqued and safety wired a new AA48108-2 oil filter, test ran leak checked. No leaks noticed.

Date: 02/09/2023.

Signature:



Brett Woodhouse, A&P27418661A

Make: Continental
Model: TSIO-550-K 2B
Ser #: 1044328
Reg #: N75T

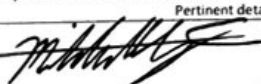
LEADING EDGE
AVIATION
Logan-Cache Airport (KLGU)
900 W 2500 N, Logan, UT 84321
435-752-5955

Flight: 25.6
TSN: 25.6
TSMOH: 25.6
Hobbs: 32.7

Complied with AD 2023-04-08 Inspected the engine IAW MSB23-01A by removing cylinders #1 and #3 and inspecting the counterweight retaining clips. Inspection revealed the retaining rings were installed correctly. Replaced cylinder #1 and #3 gaskets with gasket set GT-S P/N: 646565A1. Replaced cylinders #1, #3, and #5 Exhaust gaskets with P/N: 652458. Replaced washer-tabs on cylinder #1 and #3 rocker arms with P/N: 501868. Replaced RH turbo gasket P/N: 636465. Ops check good no leaks.

The aircraft/engine/propeller identified above was inspected and/or repaired IAW current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this location.

Signature / Certificate #:
Mitchell Kemp AP 4424395



Date: 03/02/2023

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
Carried forward →					

Registration: N75T
 WO23-0430
 Engine
 Make: Continental
 Model: TSIO-550-K2B
 Serial: 1044328



(307) 243-2500 www.AtlasAeroService.com

Date: 12/22/2023
 Flt. Hobbs: 209.1
 Hobbs: 260.1
 Engine
 TSMOH: N/A
 Total Time: 209.1



- 1) Complied with Engine 100 Hour Inspection in reference with Cirrus SR22T Maintenance Manual Inspection Checklist and FAR 43 appendix "d" as a guide. Next Due @ Flt. Hobbs: 309.1.
- 2) Complied with Engine AD Research using AD Toolbox bi-weekly through 12/22/2023. See compliance records with logbooks.
- 3) Drained engine oil, took oil sample and removed oil filter. Cut open oil filter and inspected for contamination, none noted. Installed new oil filter P/N: AA48108-2 and serviced engine with 8 quarts of Phillips 20W50XC engine oil. Leak check conducted and was satisfactory. Next Due @ Flight Hobbs: 259.1.
- 4) Performed cylinder compression checks. Mater Orifice: 66 PSI. #1) 72/80, #2) 72/80, #3) 74/80, #4) 72/80, #5) 72/80, #6) 72/80.
- 5) Removed, cleaned, inspected, gapped, rotated, and reinstalled spark plugs in reference with reference with Continental TSIO-550-K and Champion Aviation Service Manual (AV6-R). Next Due @ Flight Hobbs: 460.1. (Top #6 cylinder's spark plug failed the resistance test, was replaced with a new one, part number: URHB32E then rotated and reinstalled with other spark plugs.)
- 6) Performed engine to magneto timing. RH magneto indicated correctly at 24 degrees before top dead center, LH magneto indicated 22 degrees before top dead center. Adjusted LH magneto to indicate correctly at 24 degrees before top dead center.
- 7) Removed, cleaned, inspected, & reinstalled fuel injectors in reference with Cirrus SR22T Maintenance Manual Inspection Checklist and Continental TSIO-550 Maintenance Manuals (M-0 REV.1) Appendix B-3 and (FI-2). Next Due @ Flight Hobbs: 509.1 or 12/2024.
- 8) Removed, performed gascolator inspection and reinstalled with new seals in reference with Cirrus SR22T Maintenance Manual. No defects / leaks noted. Next Due @ Flight Hobbs: 259.1.
- 9) Complied with AD 2024-09-06, Exhaust V-Band Coupling, per detailed AD instructions paragraph (k)(1)-(7). No defects noted. Next Due @ Flight Hobbs: 309.1 or June 2024, whichever is first.


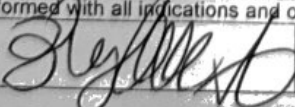
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON WORK PERFORMED ARE ON FILE WITH ATLAS AERO SERVICE, LLC. UNDER WORK ORDER WO23-0430.

Jacob Pribbenow

A&P4550614

Date: 12/22/2023

Engine: Continental	Woodhouse Aviation, LLC  2050 N 300 W, Hangar #63 Spanish Fork, UT 84660	Flight Hobbs: 239.2
Model: TSIO-550-K (2)		TTA: 239.2
Serial #: 1044328		TTE: 239.2
Reg #: N75T		Hobbs: 304.1
Drained oil. Removed oil filter, cut and inspected. No contaminants were noticed. Reserviced engine using 7 quarts of Aeroshell 15/50 oil. Installed torqued and safety wired a new AA48108-2 oil filter, test ran leak checked ok.		
Date: 04/26/2024.	Signature: 	Brett Woodhouse, A&P27418661A

 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935	Registration: N75T		ENGINE LOG
	Date: 5/8/2024	W/O: 80002548	
	Model: SR22T	FLT Hobbs: 249.1	
	S/N: 9007	Hobbs: 318.3	
Troubleshoot reported intermittent excessive RH magneto drop. Checked ignition leads, removed spark plugs and tested. Found 7 Tempest spark plugs failing internal resistance tests. Replaced all spark plugs with new Champion p/n RHB32E qty. 12. Torqued spark plugs to specified limits. Mx performed IAW the Cirrus SR22/22T AMM, CH 74-20. Full power ground run-up performed with all indications and operations normal. No leaks were noted.			
SIGNATURE: Dylan Adair 		FAA AUTHORIZATION: A&P 4330086	

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Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
Carried forward					
N75T December 7, 2024, Annual Inspection					
Airframe: Cirrus: mn: SR22T sn: 9007, TTAF: 361.8 Tach: 281.3					
Engine: Continental; mn: TSIO-550-K (2), sn: 1044328, TTeng: 361.8 TSO:					
Propeller: Hartzell; mn: 4C1-F650A1/76C sn: TM299, TTProp: 361.8 TSO:					
Airworthiness Directive Compliance: Recurring & New: (see AD lists for complete history)					
Engine.					
Compression test #1-1/4/80, #2 1/4/80, #3 1/4/80, #4 1/4/80, #5 1/0/80 #6 1/2/80.					
Performed engine run up test.					
Oil & Filter changed. Serviced w/ 8qts oil Phillips X/L ZOW-5U					
Checked mag to engine timing					
Cleaned, Gapped, Rotated spark plugs					
I certify that this engine has been inspected I.A.W. an Annual insp with ref to 43.13 (d) and Continental Maintenance Manual & is in airworthy condition.					
Randy Martin A&P4468960IA Randy Martin					
N75T April 29, 2025 Annual Inspection Log Clarification					
Airframe: Cirrus: mn: SR22T sn: 9007, TTAF: Tach:					
Engine: Continental; mn: TSIO-550-K (2), sn: 1044328, TTeng: TSO:					
Propeller: Hartzell; mn: 4C1-F650A1/76C sn: TM299, TTProp: TSO:					
Airworthiness Directive Compliance: Recurring & New: (see AD lists for complete history)					
Engine.					
AD 2023-09-09 Exhaust V-Band Coupling complied with during Annual Inspection dated Dec 7, 2024					
Next Due: 461.8 hours					
Randy Martin A&P 4468960 IA Randy Martin					