

ENGINE LOG BOOK

N273DT



Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service bulletins that may be pertinent to your engine model.

If internet access is not available, contact our Customer Service Department at:
1-888-826-5465 Toll free in the United States or
1-251-438-8299 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Mattituck Services
410 Airway Drive
Mattituck, NY 11952 USA

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors, Inc.

Production Certificate 508

Printed: 10/23/2013


Test Date: 10/23/2013

This engine model TSI0550K1B , serial number 1009240 was manufactured by 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 Continental Motors Service Bulletins.

Thomas Howard

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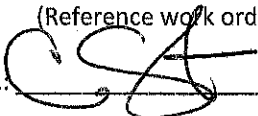
Date	Total Time		Time Since Last Overhaul		<i>Engine Service and Maintenance Record</i>
	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Carried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



 **Registration: N273DT Date: 25 May 2015 Flight: 187.2TT**
Make: Continental Model: TSIO-550-K1B S/N: 1009240



Performed a Cirrus Certified Pre-buy inspection using Cirrus Service Instructions 5-20 and Continental Motors ICA. The following work was completed: installed 8 quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter. The old oil filter was inspected for metal particulate with satisfactory results. An oil sample was taken and send to Av Labs for analysis.



This engine has been inspected in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 281)



Charles R. Stewart:  Certificate #: A&P 3030619


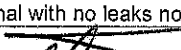
 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: <i>N273DT</i>		ENGINE LOG
	Date: 6/9/2015	W/O: 6001264	
	Model: SR22T	Flight Hobbs: 203.8	
	S/N: 0652		
Drained engine oil, collected Blackstone sample to send out for analysis. Removed oil filter, cut and inspected to check for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 7 qts. Phillips XC 20W50 oil. Performed ground run, operational check normal with no leaks noted.			
Removed, cleaned oil pressure sensor connector with contact cleaner. Applied Stabilant 22 to connector pins and re-secured. Wiring inspected with no defects noted. Performed ground run and operational check normal.			
Adjusted idle mixture for 30 RPM rise with boost pump "off" in accordance with SID 97-3F. Ground operational check normal.			
Adjusted oil pressure regulator 1/4 turn clockwise for 55 psi @ 180 degree oil temp.			
SIGNATURE: Matt Hatfield 		FAA AUTHORIZATION: 2766522 A&P	


 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT		ENGINE LOG	
	Date: 7/23/2015	W/O: 6001307		
	Model: SR22T	Tach: 244.5		
	S/N: 0652			
Drained engine oil, collected Blackstone sample to send out for analysis. Removed oil filter, cut and inspected to check for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 8 qts. Phillips XC 20W50 oil. Performed ground run, operational check normal with no leaks noted.				
SIGNATURE: <i>Kenneth Morgan III</i> 		FAA AUTHORIZATION: 322829269 1A		

 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT		ENGINE LOG
	Date: 8/24/2015	W/O: 6001337	
	Model: SR-22	Flt Hobbs: 254.0	
	S/N: 0652		
Removed existing fuel pump p/n 5217-00-3 s/n 6043 and installed fuel pump assembly p/n 5217-00-3 s/n 5878 in overhauled condition from Quality Aircraft Accessories Inc., reference FAA Form 8130-3 under w/o 006169 dated 8/3/2015 for details. Installed using new o-ring seals as required. Performed ground run-up with indications and operations normal and no leaks noted.			
SIGNATURE: <i>Kenneth Morgan III</i> 		FAA AUTHORIZATION: 322829269 IA	

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


 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N237DT		ENGINE LOG
	Date: 9/9/2015	W/O: 6001352	
	Model: SR22T	Flt Hobbs: 265.5	
	S/N: 0652		
Drained oil and removed oil filter assembly. Collected Blackstone sample to send for analysis. Cut and inspected oil filter for metal contamination, filter found normal. Installed and secured new CH48108-1 oil filter and serviced engine with 7 qts. of Phillips X/C 20W50 oil and 1 pt. of ASL Camguard. Performed ground run up and operational check with no leaks noted.			
SIGNATURE: <i>Kenneth Morgan III</i> 		FAA AUTHORIZATION: 322829269 IA	


 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT		ENGINE LOG
	Date: 10/27/2015	W/O: 6001401	
	Model: SR22T	Flight Hobbs: 291.3	
	S/N: 0652		
Drained engine oil, collected Blackstone sample to send out for analysis. Removed oil filter, cut and inspected to check for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 7 qts. Phillips XC 20W50 oil. Performed ground run, operational check normal with no leaks noted.			
SIGNATURE: <i>Matt Hatfield</i> 		FAA AUTHORIZATION: 2766522 A&P	


 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT		ENGINE LOG
	Date: 11/18/2015	W/O: 6001429	
	Model: SR22T	FLT Hobbs: 301.9	
	S/N: 0652		
Drained engine oil, collected Blackstone oil sample for analysis. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. Performed ground run, leak and operational check normal.			
Complied with Continental Motors CSB 15-7 by removing existing cross fitting and installing new fitting p/n 658607 after transferring required fittings and pressure sensor. Maintenance performed IAW the Continental Motors CSB 15-7 Service Bulletin dated 11/6/2015 and TCM TSIO-550 Series OHL Manual M-18. Performed static run, leak and operational check normal. No further action is required.			
SIGNATURE: Matt Hatfield		FAA AUTHORIZATION: 2766522 A&P	

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


	Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT	ENGINE LOG
		Date: 12/22/2015	W/O: 6001444
		Model: TSIO-550-K1B	Flt Hobbs: 321.5
		S/N: 1009240	TSMOH: 321.5
Complied with an annual inspection IAW 14 CFR 43 Appendix D in reference to the Cirrus Aircraft annual inspection checklist CH 5-20 and Precise Flight ICA. AD's researched thru T-Data content revision 2015-25, see attached AD compliance list for details. Compressions checked in accordance with TCM SB-03-03 Sec. B; 1-70, 2-56, 3-70, 4-64, 5-68, 6-60/ 80 (Hot). Borescope inspection performed IAW Section C; cylinders found to be serviceable at this time Drained engine oil, collected Blackstone oil sample for analysis. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new CH48108-1 oil filter and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. Performed ground run, leak and operational check normal. Re-timed both magnetos to specified limits as required. Cleaned, gapped and rotated spark plugs. Re-installed plugs with new gaskets p/n M674 and anti-seize as required. Adjusted idle mixture for 30 RPM rise at normal operating temperatures IAW CMI SID 97-3F and CMI TSIO-550Series M&O Manual M-18. Removed existing prop governor. Cleaned and inspected case where governor mounts. Installed new gasket p/n 21285-101 and new governor p/n 5-1-44F, s/n G2690NJ from Hartzell Propeller Inc. Secured with existing hardware. MX performed IAW the Cirrus SR-22T MM chapter 61-20. Leak and operational check normal. Removed LH intercooler and existing broken nut plate. Installed new nut plate and reinstalled intercooler. Maintenance performed in accordance with Model SR-22 AMM, CMI IO-550 Series OHL manual and TCM SB 96-7D. Post inspection full power ground run and operational check performed with all indications normal and no defects or leaks noted. I certify this engine has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition			
SIGNATURE: James Butler		FAA AUTHORIZATION: 2833700 IA	


	Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT	ENGINE LOG
		Date: 11/18/2015	W/O: 6001429
		Model: SR22T	Flt Hobbs: 301.9
		S/N: 0652	
Drained engine oil, collected Blackstone oil sample for analysis. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. Performed ground run, leak and operational check normal. Complied with Continental Motors CSB 15-7 by removing existing cross fitting and installing new fitting p/n 658607 after transferring required fittings and pressure sensor. Maintenance performed IAW the Continental Motors CSB 15-7 Service Bulletin dated 11/6/2015 and TCM TSIO-550 Series OHL Manual M-18. Performed static run, leak and operational check normal. No further action is required.			
SIGNATURE: Matt Hatfield		FAA AUTHORIZATION: 2766522 A&P	


	Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT	ENGINE LOG
		Date: 2/4/2016	W/O: 6001500
		Model: SR22T	Flt Hobbs: 345.5
		S/N: 0652	
Drained engine oil. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. Performed ground run, leak and operational check normal. Adjusted manifold pressure and fuel flow (high end). Performed static run to check performance, no defects noted. MX performed IAW the TCM SID-97-3F.			
SIGNATURE: Matt Hatfield		FAA AUTHORIZATION: 2766522 A&P	


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




	Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT	ENGINE LOG
		Date: 3/11/2016	W/O: 6001537
		Model: SR22T	Flt Hobbs: 369.4
		S/N: 0652	
Drained engine oil. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. MX performed IAW the Cirrus SR22T AMM Chapter 12-10. Performed ground run, leak and operational check normal. Adjusted RPM to required 2500 RPM. MX performed IAW the Cirrus SR22T AMM Chapter 61-20.			
SIGNATURE: Matt Hatfield		FAA AUTHORIZATION: 2766522 A&P	





	Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT	ENGINE LOG
		Date: 4/21/2016	W/O: 6001577
		Model: SR22T	Tach: 396.0
		S/N: 0652	Hobbs: 461.7
Drained engine oil. Took Blackstone oil sample to send for analysis. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. MX performed IAW the Cirrus SR22T AMM Chapter 12-10. Performed ground run, leak and operational check normal.			
SIGNATURE: Matt Hatfield		FAA AUTHORIZATION: 2766522 A&P	

	Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT	ENGINE LOG
		Date: 6/10/2016	W/O: 6001631
		Model: SR22T	Tach: 425.9
		S/N: 0652	Hobbs: 495.9
Drained engine oil. Took Blackstone oil sample to send for analysis. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. MX performed IAW the Cirrus SR22T AMM Chapter 12-10. Performed ground run, leak and operational check normal. Adjusted max fuel flow as required by adjustment of pump aneroid IAW Continental Motors SID 97-3F.			
SIGNATURE: James Butler		FAA AUTHORIZATION: 2833700 IA	


	Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT	ENGINE LOG
		Date: 7/15/2016	W/O: 6001671
		Model: SR22T	Flt Hobbs: 459.6
		S/N: 0652	Hobbs: 533.8
Drained engine oil. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. MX performed IAW the Cirrus SR22T AMM Chapter 12-10. Performed ground run, leak and operational check normal.			
SIGNATURE: James Butler		FAA AUTHORIZATION: 2833700 IA	

	Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N273DT	ENGINE LOG
		Date: 9/19/2016	W/O: 6001733
		Model: SR22T	Flt Hobbs: 500.5
		S/N: 0652	
Drained engine oil. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. MX performed IAW the Cirrus SR22T AMM Chapter 12-10. Performed ground run, leak and operational check normal.			
SIGNATURE: James Butler		FAA AUTHORIZATION: 2833700 IA	


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 →					
<div><div>Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930</div><div>Registration: N273DT Date: 10/21/2016 Model: SR22T S/N: 0652</div><div>W/O: 6001761 Tach: 520.3</div></div> <div>ENGINE LOG Removed connector from oil pressure sensor. Cleaned connector with contact cleaner and applied Stabilant 22 to connector. Re-connected line to pressure sensor. Performed static run, operational check normal. SIGNATURE: Matthew Hatfield FAA AUTHORIZATION: 2766522 A&P</div>					
<div><div>Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930</div><div>Registration: N273DT Date: 10/21/2016 Model: SR22T S/N: 0652</div><div>W/O: 6001761 Tach: 520.3</div></div> <div>ENGINE LOG Drained engine oil. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new oil filter p/n CH48108-1 and serviced engine with 7 qts. of Phillips XC 20W50 oil and 1 pint of ASL Camguard. MX performed IAW the Cirrus SR22T AMM Chapter 12-10. Performed ground run, leak and operational check normal. SIGNATURE: Raymond M. Moreno FAA AUTHORIZATION: 3754794 A&P</div>					
<div><div>Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930</div><div>Registration: N273DT Date: 12/22/2016 Model: TSIO-550-K1B S/N: 1009240</div><div>W/O: 6001805 Flt Hobbs: 551.1 TSMOH: 551.1</div></div> <div>ENGINE LOG Complied with an annual inspection IAW 14 CFR 43 Appendix D in reference to the Cirrus Aircraft annual inspection checklist CH 5-20 and Precise Flight ICA. AD's researched thru T-Data content revision 2016-25, see attached AD compliance list for details. Complied with 500-hour magneto inspection by removal of LH magneto p/n 10-500556-101 s/n D131A095 to send out for repair. Received same magnetos back from Aircraft Engine Specialists, LLC. in repaired condition, reference FAA Form 8130-3 under w/o M3451-16-12 & M3450-16-12 dated 12/13/2016 for details. Timed magnetos to engine and set to specified limits. Maintenance performed IAW Continental Motors TSIO-550 Series OHL Manual. Performed ground run-up, leak and operational check normal. Complied with 300-hour fuel injector nozzle cleaning by accessing and removing all fuel injectors, cleaned with Hoppe's #9 solvent. Re-installed injectors using new gaskets, o-ring seals and washer seals. Torqued to specified limits IAW CMI TSIO-550 Series OHL Manual M-18 and SB 96-7D. Compressions checked in accordance with TCM SB-03-03 Sec. B; 1-72, 2-0, 3-72, 4-0, 5-72, 6-65/ 80 (Hot). Borescope inspection performed IAW Section C; cylinders #2 and #4 found with zero compression and borescope showed burnt exhaust valves. All other cylinders found serviceable at this time. Accessed, removed #2 and #4 cylinder assemblies. Installed and secured 2 ea new pistons p/n 657989 with new ring sets p/n 654716 using two each new piston pins p/n 649703. Installed new #2 cylinder p/n 658595A1 s/n AC161B273 and new #4 cylinder p/n 653595A1 s/n AC161B692. Torqued attach hardware to specified limits. MX performed IAW Continental TSIO-550 Series Maintenance & Overhaul Manual M-18 Section 10-8. Drained engine oil, collected Blackstone oil sample for analysis. Accessed, removed and replaced leaking oil drain p/n S-6250. Removed filter, cut open filter and inspected for metal contamination, filter found normal. Installed new CH48108-1 oil filter and serviced engine with 7 Qts. Phillips 20W50 Type M mineral oil. Motored engine with bottom plugs removed until positive oil pressure indicated. Installed 12 ea. new Tempest spark plugs p/n URHB32E with new gaskets p/n M674 and anti-seize as required. Torqued plugs to specified limits. Accessed and removed all rocker covers. Cleaned rocker flanges, installed 8 ea. new gaskets p/n 653380. Re-installed and secured all rocker covers. Torqued attach hardware to specified limits. Maintenance performed in accordance with Model SR-22 AMM, CMI IO-550 Series OHL manual and TCM SB 96-7D. Post inspection full power ground run and operational check performed with all indications normal and no defects or leaks noted. I certify this engine has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition SIGNATURE: James Butler FAA AUTHORIZATION: 2833700 IA</div>					

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					
<div><div>Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930</div><div>Registration: N273DT Date: 1/5/2017 Model: SR22T S/N: 0652</div><div>W/O: 6001854 Flt Hobbs: 561.2</div></div> <div>ENGINE LOG Complied with 10 hour initial cylinder break-in oil and filter change. Drained engine oil and removed existing filter. Cut open filter to inspect for metal, filter normal. Installed new CH48108-1 filter and serviced engine with 8 qts. Phillips Type M mineral oil. Performed static run, leak and operational check normal. MX performed IAW the Cirrus SR22T AMM Chapter 12-10. SIGNATURE: Matthew Hatfield FAA AUTHORIZATION: 2766522 A&P</div>					
<div><div>Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930</div><div>Registration: N273DT Date: 1/25/2017 Model: SR22T S/N: 0652</div><div>W/O: 6001875 Flt Hobbs: 567.1</div></div> <div>ENGINE LOG Pressurized induction system, re-positioned and resecured induction coupling clamps as required. Replaced #3 induction tube flange gasket with new CMI p/n 649950. Induction system pressure check normal. Removed all fuel injector nozzles. Cleaned nozzles in Hoppe's #9 solvent and reinstalled with new gaskets, o-rings, upper deck seals and seal washers. Torqued injectors and lines to specified limits IAW CMI MX & OHL manual with all indications normal and no leaks noted. Checked and adjusted LH and RH magneto to engine timing to specified limits IAW CMI MX and OHL manual M-18. Ground run-up performed with all operations and indications normal. SIGNATURE: John Fisher FAA AUTHORIZATION: 2734397 IA</div>					
<div><div>Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930</div><div>Registration: N273DT Date: 2/7/2017 Model: SR22T S/N: 0652</div><div>W/O: 6001895 Flt Hobbs: 580.6</div></div> <div>ENGINE LOG Performed compression test of recently changed cylinders #2 and #4 IAW CMI SB 03-3 Section B; 2-74, #2-72 / 80 warmed. Borescope inspection of cylinders #2 and #4 performed IAW Section C with both cylinders found in serviceable condition with no glazing of cylinder walls noted and no excessive oil noted in combustion chambers. Drained engine oil and removed existing filter. Cut open filter to inspect for metal, filter normal. Installed new CH48108-1 filter and serviced engine with 8 qts. Phillips XC20W-50 oil. Performed static run, leak and operational check normal. MX performed IAW the Cirrus SR22T AMM Chapter 12-10 and the CMI TSIO-550 Series Maintenance & Overhaul manual M-18. SIGNATURE: John Fisher FAA AUTHORIZATION: 2734397 IA</div>					
<div><div>Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930</div><div>Registration: N273DT Date: 4/6/2017 Model: SR22T S/N: 0652</div><div>W/O: 6001943 Flt Hobbs: 599.5 Hobbs: 697.1</div></div> <div>ENGINE LOG Accessed and removed engine driven fuel pump assy p/n 649368-60A7 s/n B131A196. Installed engine driven fuel pump assy p/n 649368-60A7 s/n B16KA098 using new flange gasket p/n 649982 IAW CMI TSIO-550 Series MX & OHL manual M-18 Section 10-2. Installed new oil filter p/n CH48108-1, torqued and secured with lockwire. Rigged mixture control for proper stop to stop operation. Secured with new cotter key. Performed fuel system set-up and operational checkout procedure IAW CMI TSIO-550 Series MX & OHL manual M-18 Sections 6-3.7 & 6-3.10.2 using calibrated gages. Adjusted low un-metered pressure and aneroid to specified limits. Set idle speed and mixture as required. Operational and leak checks normal. SIGNATURE: John Fisher FAA AUTHORIZATION: 2734397 IA</div>					

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					

	Glendale Aero Services		Registration: N273DT		ENGINE LOG
	6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930		Date: 4/25/2017	W/O: 6001976	
			Model: SR22T	Flt Hobbs: 610.2	
			S/N: 0652		
Removed 6 ea. Continental fuel nozzles and installed General Aviation Modifications, Inc. GAMjectors kit No. TIGT550-19C s/n 26325 STC No. SE09963SC PMA No. PQ821SW per GAMjectors Installation Procedure No. IP-2001-02 (Rev NC) dated May 25, 2001. An FAA Form 337 filed 4/21/2017. No change in weight and balance.					
Drained engine oil. Took Blackstone sample to send for analysis. Removed existing filter, cut open filter to inspect for metal, filter normal. Installed new CH48108-1 filter and serviced engine with 8 qts. Phillips XC20W-50 oil. Performed static run, leak and operational check normal. MX performed IAW the Cirrus SR22T AMM Chapter 12-10 and the CMI TSIO-550 Series Maintenance & Overhaul manual M-18.					
SIGNATURE: Ron Scarborough			FAA AUTHORIZATION: 3546789 A&P		

	Glendale Aero Services		Registration: N273DT		ENGINE LOG
	6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930		Date: 6/9/2017	W/O: 6002036	
			Model: SR22T	Flt Hobbs: 611.6	
			S/N: 0652	Hobbs: 712.4	
Removed existing fuel injectors in #4 and #5 positions. Installed replacement injectors from General Aviation Modifications Inc. under kit No. TIGT550-19C s/n 26325, reference release certificate dated 5/17/2017 for details. Installation performed IAW GAMi install procedure STC SE09963SC. Operation and leak checks normal.					
Drained existing oil and serviced engine with 7 qts. of Aeroshell 100W oil. MX performed IAW Cirrus AMM Chapter 12-10. Performed static run, leak and operational check normal.					
SIGNATURE: John Fisher			FAA AUTHORIZATION: 2734397 IA		

	Glendale Aero Services		Registration: N273DT		ENGINE LOG
	6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930		Date: 8/14/2017	W/O: 6002091	
			Model: SR22T	Flt Hobbs: 617.3	
			S/N: 0652		
Accessed and removed #5 cylinder fuel injector. Installed new GAMi fuel injector in #5 cylinder location per STC SE09963SC and kit No. TIGT550-19C s/n 26325 dated 8/8/2017. Operational check performed with no leaks noted.					
SIGNATURE: Ron Scarborough			FAA AUTHORIZATION: 3546789 A&P		

ENGINE MODEL:
ENGINE S/N:
REG. NO: N273DT
WORK ORDER: 200788

 **Clear Star Aviation**
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 9/21/2017
A/C TSN:
ENG TT:
TACH:

Engine Entries

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. The cylinder compression was checked with the following results: #1, 64/80 #2, 62/80 #3, 62/80 #4, 70/80 #5, 66/80 #6, 66/80 psi. Master orifice 42/80. The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new CH48108-1 filter. An oil sample was collected for analysis by Blackstone Laboratories. Removed controller P/N 646318-10 S/N H-QHN00147 and installed P/N 657682-5 S/N H-TJH00035, performed adjustments, leak/ops check satisfactory. Replaced #1, 3, and 5 exhaust rocker cover gaskets. All work performed IAW Continental TSIO-550 MM. Adjust magneto to engine timing to 24 degrees.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. 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 repair are on file at this Certified Repair Station 5CSR009B.

DATE: 9/21/2017

SIGNED:

Cliff, Gerber
Certified Repair Station No. 5CSR009B

Work Order: 200788

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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 →

LUBBOCK AERO

6304 N. Cedar Ave Lubbock, TX 79403 806-747-5101 Fax: 806-767-8000

10/26/2017 N273DT Cirrus SR22T S/N:0652

Hobbs Hours: 649.6

Performed ground run. Removed cowling as required. Drained oil, removed filter, inspected filter media, installed a new filter p/n: AA48108-2, and serviced engine with 7 quarts Phillips XC 20W-50 oil and 14 oz of Camguard additive. Washed engine, re-installed cowling, ground run ops and leak check ok. Oil sample collected and sent to Lab.

Signed

Daniel Mayo A&P 3817553

LUBBOCK AERO

6304 N. Cedar Ave., Lubbock, TX 79403

Date: Nov 17, 2017 N#: 273DT Hobbs: 677.4 Flight: 792.2

Make: Cirrus Model: SR22T S/N: 0652

Performed ground run. Removed cowling as required. Drained oil, removed filter, inspected filter media, installed a new filter p/n: AA48108-2, and serviced engine with 8 quarts Phillips X/C 20W-50 oil and 1 bottle of Camguard. Washed engine, re-installed cowling, ground run ops and leak check ok.

Oil sample taken, paper work filled out and mailed to Blackstone.


Chad R. Burns AP2829180

LUBBOCK AERO

6304 N. Cedar Ave Lubbock, TX 79403 806-747-5101 Fax: 806-767-8000

11/17/2017 N273DT Cirrus SR22T S/N:0652

Hobbs Hours: 677.4

Replaced all rocker covers with P/N:658002. Replaced all rocker cover gaskets with P/N:655705E

Signed

Daniel Mayo A&P 3817553

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

Lubbock Aero
6304 N. Cedar Ave. Lubbock, TX 79403
Ph: 806-747-5101 Fax: 806-767-8000
N273DT, Make: Cirrus, M/N: SR22T, S/N:0652 Date: 1-5-2018,
Hobbs:828.4

Performed ground run. Removed cowling as required. Drained oil, removed filter, inspected filter media, installed a new filter p/n: CH48108-1, and serviced engine with 7 quarts Phillips X/C 20W-50 oil with 11.2oz. Camguard. Washed engine, re-installed cowling, ground run ops and leak check ok. C/W Savvy Maintenance 50 hour items. O sample taken

Daniel S. Mayo 3817553 A&P

Lubbock Aero
6304 N. Cedar Ave. Lubbock, TX 79403
Ph: 806-747-5101 Fax: 806-767-8000
N273DT, Make: Cirrus, M/N: SR22T, S/N: 0652
Date: 4-9-2018, Hobbs:723.4

C/W Savvy 50 hr check list. Performed ground run. Removed cowling as required. Drained oil, removed filter, inspected filter media, installed a new filter p/n: CH48108-1, and serviced engine with 7 quarts Phillips 20 W 50 oil and 11.2 oz of camguard. Washed engine, re-installed cowling, ground run ops and leak check ok.

Daniel S. Mayo A&P 3817553

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 14880 Registration# N273DT Date: 8/24/18
Engine S/N 1009240 Meter: 763.1 Total Time: 763.1 TSMOH: 763.1
Airworthiness Directives Through 2018-17

I Certify this engine has been inspected IAW FAR 43 appendix D 100 hour inspection and found to be in an Airworthy condition.
♦Compression check #1 64/80 #2 72/80 #3 68/80 #4 68/80 #5 68/80 #6 72/80 M.O. 50. ♦Drained oil, removed filter, inspected filter media, installed a new P/N CH48108-1 filter, serviced engine with 8 quarts Phillips XC 20W50 oil. Washed engine ground run ops and leak check ok. ♦Removed, inspected, cleaned, gapped, tested and re-installed spark plugs. ♦Tested spark plug leads ok. ♦Checked magneto timing. ♦Removed cleaned inspected and reinstalled air filter. ♦Removed, cleaned, inspected, installed, and torqued, fuel nozzles. ♦Removed lifters for inspection no discrepancies noted, reinstalled IAW TSIO-550-K M/M. ♦Adjusted MAP IAW CMG TSIO550K M/M. ♦Adjusted mag timing IAW TSIO-550- K M/M.

Mark Reed

Approved for return to service

Mark Reed APIA3398125

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 14692
Engine S/N 1009240 Meter: 801.1 Total Time: 801.1
Drained oil, removed filter, inspected filter media, installed a new P/N CH48108-1 filter, serviced engine with 8 quarts Phillips X/C 20W50 oil. Washed engine ground run ops and leak check ok.

Registration# N73DT Date: 11/14/18
TSMOH: 801.1
Approved for return to service
Nate Loflin AP3669831

ord
and
ives,

ABILENE AERO INC.

DATE: 4/2/19 N# 273 DT
H.M. 929.5 W.O. 19-21243

ALL WORK ACCOMPLISHED IAW
MANUFACTURERS APPROVED DATA.

DRAINED OIL CHANGED AND INSPECTED FILTER
SERVICED 8 QUARTS PHILLIPS 20W50 X/C OIL
GROUND RUN OPS AND LEAK CHECK OK

THE ABOVE REPAIR APPROVED FOR
RETURN TO SERVICE. A+P 3997897

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 19-21303 Registration# N273DT Date: 5/22/19
Aircraft S/N 0352 Meter: 929.5 Total Time: 929.5
Installed an overhauled right magneto, P/N 10-500556-101, S/N D11EA126. Ground run ops checked ok.

Approved for return to service
Nathan Loflin AP3669831

ABILENE AERO INC.

DATE: 6/13/19 N# 273 DT
H.M. 971.0 W.O. 19-21346

ALL WORK ACCOMPLISHED IAW
MANUFACTURERS APPROVED DATA.

DRAINED OIL CHANGED AND INSPECTED FILTER
SERVICED 8 QUARTS PHILLIPS 20W50 X/C OIL
GROUND RUN OPS AND LEAK CHECK OK

THE ABOVE REPAIR APPROVED FOR
RETURN TO SERVICE. AP450828487

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 19-21462 Registration# N273DT Date: 9/9/19

Engine S/N 1009240 Meter: 1010.0 Total Time: 1010.0 TSMOH: 1010.0

Airworthiness Directives Through 2019-

I Certify this engine has been inspected IAW FAR 43 appendix D 100 hour inspection and found to be in an Airworthy condition. ♦Compression check #1 70/80 #2 68/80 #3 66/80 #4 68/80 #5 65/80 #6 48/80. M.O 47PSI ♦Drained oil, removed filter, inspected filter media, installed a new P/N CH48108-1 filter, serviced engine with 8 quarts Phillips X/C20W50 oil. Washed engine ground run ops and leak check ok. ♦Removed, inspected, cleaned, gapped, tested and re-installed spark plugs. ♦Tested spark plug leads ok. ♦Checked magneto timing ok. ♦Removed, cleaned, inspected, installed, and torqued, fuel nozzles. ♦Removed LH Magneto S/N D131A094 and installed Overhauled Magneto P/N 10-500556-101 S/N D17EA048. Timed to 24*. Ops and leak check ok. ♦Installed a new forward center engine baffle. ♦Reinstalled alternate air door bracket after minor weld repair. ♦R&I new air filters P/N 27166-001.

[Signature]

Approved for return to service

Nate Loflin AP3669831

LUBBOCK AERO

6304 N. Cedar Ave., Lubbock, TX 79403

Date: May 8, 2020

N#: 273DT

Make: TCM

Model: TSIO-550-K

S/N: 1009240

Flight: 1111.1

ETT: 1111.1

C/W engine 100 hour IAW FAR 43 appendix D.

Cirrus 2X-71-33, TCM SB18-08A (01-11-2019) Inspection and modification of cylinder assembly. Does not apply to this aircraft.

C/W Cirrus 2X-79-07R1 (Mar 26, 2018) Inspected oil return line no defects noted.

Cirrus 2X-79-10 (Mar 5, 2018), TCM SIL 17-02: Turbocharger oil check valve filter installation. Previously completed. Check valve and shorter hose installed.

C/W Cirrus SA17-05 (Feb 22, 2017), TCM SB 16-8 (02-03-2017) Turbo Exhaust transition inspection. Replaced transition, p/n: 658681 due to hole.

Compression check #1) 70/80 #2) 66/80 #3) 62/80 #4) 76/80 #5) 68/80 #6) 76/80.

Drained oil, removed filter, inspected filter media, installed a new filter p/n: AA498108-2, and serviced engine with 7 quarts of Phillips 66 20w-50 X/C oil. --Removed, inspected, cleaned, gapped, tested and re-installed spark plugs. --Inspected spark plug leads. --Checked magneto timing ok. --Inspected magneto points, no defects noted. --Removed, inspected, cleaned and reinstalled throttle body. --Removed, cleaned, inspected, and installed fuel nozzles. --Inspected and cleaned air filter. --Lubricated all engine controls and wastegate. --Washed engine and engine cowling.

Oil sample taken mid-stream while draining oil, paperwork filled out and mailed to Blackstone.

Replaced all fuel rail arm seals with new ones, p/n: 633958-3.

Replaced #2-cylinder EGT probe, p/n: 24585-001.

Replaced wastegate, p/n: 646317-1 7, s/n: H- XBN00074. Installed new top and bottom wastegate gaskets, p/n: 652456.

Replaced #3 upper spark plug with new Champion Spark Plug, p/n: RHB32E.

Replaced #2-cylinder exhaust, p/n: 657648 and gaskets, p/n: 652458 for #2, 4 & 6 cylinders.

I certify that this engine has been inspected IAW a 100 hour / annual inspection and was determined to be in airworthy condition.

[Signature]
Chad R. Burns AP28291801A

ENGINE MODEL:
TSIO-550-K
ENGINE S/N: 1009240
REG. NO: N273DT
WORK ORDER:
Murrieta10165-05-2020



Gryphon Aircraft Services, LLC.
37680 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone: 951-698-4260

DATE: 5/27/2020
A/C TSN: 1133
ENG TT: 1133
FLIGHTTIME: 1133

Engine Entries

Removed RH magneto P/N 10-500556-101 replaced with serviceable unit P/N BL-500556-101, timed to engine per spec.

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta10165-05-2020. FAA CRS #2SDR271B.

DATE: 5/27/2020

SIGNED: *[Signature]*

Work Order: Murrieta10165-05-2020

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ENGINE MODEL:
TSIO-550-K
ENGINE S/N:
REG. NO: N273DT
WORK ORDER:
Murrieta10184-06-2020



Gryphon Aircraft Services, LLC.
37680 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone: 951-698-4260

DATE: 6/26/2020
A/C TSN: 1151.7
ENG TT: 1151.7
FLIGHTTIME: 1151.7

Engine Entries

Inspected engine compartment for general condition and defects, checked brake fluid reservoir... R&R Left Magneto with SureFly SIM6N S/N 6C- 4619007 per STC SA 04378CH and Manufacturer's Instructions (Document No. SF1003, Revision B). Connected SureFly SIM in Left Magneto position to battery circuit direct to the ships battery, Power routed through a 10 AMP circuit breaker mounted to the left of the battery holder. (Surefly P/N6C601) per STC SA04378CH and Manufacturer's Instructions (Document No. SF2001, Revision #IR). Affixed supplied placard to the aircraft's instrument panel in view of pilot. Performed post-installation checks per Manufacturer's Instructions. Engine started and executed magneto run-up test with no problems observed.

No change to Aircraft Weight and Balance

Inserted SureFly ICA's (Document No. SF1005, Revision #IR for Engine & Document No. SF2005, Revision #A for Airframe) in aircraft records

Inserted SureFly AFMS (Document No. SF2006, Revision #B) in POH/AFM.... Replaced right magneto with A overhauled magneto P/N 10-500556-101 S/N D11EA126, Timed magneto to engine, Secured attaching hardware, Performed A run up functional check with no defects noted.... Complied with SB2X-71-33 & Continental SB18-08B, #2 and #4 cylinders were modified and stamped.... Removed alternator, clean and prep surface, Reinstall using A new CMI gasket IAW Cirrus AMM.... Removed all 12 valve covers, Cleaned and prepped surface, Reinstalled using new style CMI gaskets, Torqued attaching hardware to spec.... Removed starter cleaned prepped and installed new starter P/N- ES646275-1 S/N- H-U032734 IAW Continental MM.... Removed oil pressure bulb cleaned prepped and reinstalled using new crush gasket.... Removed A/C compressor, Cleaned and prepped surface, Replaced oil seal/garlock seal and gaskets with new. Torqued hardware to spec.... Removed oil cooler P/N 654585 S/N H13-10926-237

Installed A overhauled oil cooler P/N 10281A S/N C06-4772-217. Overhaul done by Pacific oil cooler services under W/O 138928 CRS RF3R813L dated 05/15/2020, Torqued attaching hardware, Performed A run up leak check with no leaks noted.... CW SB2X-79-07R1 Oil return line by installing Adel clamps.... Adjusted high end Fuel Flow and Manifold pressure to spec.... Adjust A/C belt tension to spec.

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta10184-06-2020. FAA CRS #2SDR271B.

DATE: 6/26/2020

SIGNED: *[Signature]*

Work Order: Murrieta10184-06-2020

ENGINE MODEL:
TSIO-550-K
ENGINE S/N:
REG. NO: N273DT
WORK ORDER:
Murrieta10281-08-2020



Gryphon Aircraft Services, LLC.
37680 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone: 951-698-4260

DATE: 9/3/2020
A/C TSN: 1203.8
ENG TT: 1203.8
FLIGHTTIME: 1203.8

Engine Entries

Changed oil and filter, serviced with AA48108-2 oil filter and 7qts Phillips 20w-50xc, Inspect filter element o.k., took Black stone oil sample. run for leaks o.k.... Inspected engine compartment for general condition and defects, checked brake fluid reservoir.... Adjusted high end fuel flow, Performed A ground run, High end fuel flow is in spec.... Lubed Throttle & Mixture Cables.

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta10281-08-2020. FAA CRS #2SDR271B.

DATE: 9/3/2020

SIGNED: *[Signature]*

Work Order: Murrieta10281-08-2020

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ENGINE MODEL:
TSIO-550-K
ENGINE S/N:
REG. NO: N273DT
WORK ORDER:
Murrieta10380-10-2020



Gryphon Aircraft Services, LLC.
37680 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone: 951-698-4260

DATE: 11/23/2020
A/C TSN: 1220.9
ENG TT: 1220.9
FLIGHTTIME: 1220.9

Engine Entries

Performed a engine run up, Removed cowlings, Drained engine oil and recovered A oil sample, Sent sample out, Removed oil filter, Replaced filter with new AA48108-2 and safetied. Serviced engine with 7 quarts Phillips 20W50XC. Performed a run up leak check with no leaks noted, Reinstalled cowlings.... Inspected engine compartment for general condition and defects, checked brake fluid reservoir

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta10380-10-2020. FAA CRS #2SDR271B.

DATE: 11/23/2020




SIGNED: *[Signature]*



Work Order: Murrieta10380-10-2020

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enance Record

ngine part removal and
Airworthiness Directives,
e Bulletins

Date	Tot Hours	FOR UP
Carried forward		
<div><div>ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG. NO: N273DT WORK ORDER: Murrieta11854-12-2022</div><div>Gryphon Aircraft Services, LLC. 37920 Sky Canyon drive Suite 1001 Murrieta, CA 92563 Phone: 951-698-4260</div><div>DATE: 1/9/2023 A/C TSN: 1514.8 ENG TT: 1514.8 FLIGHTTIME: 1514.8</div></div> <div>Engine Entries Performed a engine run up, Removed cowlings, Drained engine oil and recovered A oil sample, Sent sample out to Blackstone, Removed oil filter, Replaced filter with new AA48108-2 and safetied. Serviced engine with 7 quarts Phillips 20w-50xc. Performed a run up leak check with no leaks noted, Reinstalled cowlings, Inspected engine compartment for general condition and defects, checked brake fluid reservoir ok at this time, Lubricated waste-gate IRW Cirrus AMM, Adjusted RH magnet to spec as per engine data plate, Adjusted low end, high end fuel flow, Adjusted manifold pressure IRW Continental MM, Removed engine driven fuel pump (P/N 649368-60A7 S/N B16KA098) and installed new engine driven fuel pump (P/N 649368-60A7 S/N B21KA152) in reference to Continental MM, Removed and clean all spark plugs, replaced 1 spark plug with new URHB32S IRW Continental MM. I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IRW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta11854-12-2022. FAA CRS #25DR271B. DATE: 1/9/2023 SIGNED: [Signature] Work Order: Murrieta11854-12-2022 Printed by EBis 3 (datcomedia.com)</div>		
<div><div>ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG. NO: N273DT WORK ORDER: Murrieta11942-02-2023</div><div>Gryphon Aircraft Services, LLC. 37920 Sky Canyon drive Suite 1001 Murrieta, CA 92563 Phone: 951-698-4260</div><div>DATE: 2/13/2023 A/C TSN: 1537.3 ENG TT: 1537.3 FLIGHTTIME: 1537.3</div></div> <div>Engine Entries Performed a engine run up, Removed cowlings, Drained engine oil and recovered A oil sample, Sent sample out to Blackstone, Removed oil filter, Replaced filter with new AA48108-2 and safetied. Serviced engine with 7 quarts Phillips 20w-50xc. Performed a run up leak check with no leaks noted, Reinstalled cowlings, all work performed IRW Cirrus AMM & Continental M-O, Inspected engine compartment for general condition and defects, checked brake fluid reservoir ok at this time, Lubricate waste-gate in referre to Continental MM. I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IRW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta11942-02-2023. FAA CRS #25DR271B. DATE: 2/13/2023 SIGNED: [Signature] Work Order: Murrieta11942-02-2023 Printed by EBis 3 (datcomedia.com)</div>		
<div><div>ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG. NO: N273DT WORK ORDER: Murrieta12004-03-2023</div><div>Gryphon Aircraft Services, LLC. 37920 Sky Canyon drive Suite 1001 Murrieta, CA 92563 Phone: 951-698-4260</div><div>DATE: 8/14/2023 A/C TSN: 1576.4 ENG TT: 1576.4 FLIGHTTIME: 1576.4</div></div> <div>Engine Entries Completed 100 HOUR INSPECTION per Cirrus Aircraft SR2X AMM Inspection Checklist. Changed oil and filter AA48108-1. Serviced engine with 7 qts. Phillips 20w-50xc. Compression check #1 52 #2 73 #3 55 #4 68 #5 72 #6 73. Cleaned, gapped and tested all spark plugs. See AD note update sheet and master list for complete AD note history thru this date and current revision. CW AD 84-26-02, Replaced Air Intake filters with new, due each 500 hours. Adjusted high end fuel flow and M/P to spec per the CMI M-O MM. Retimed RH magnet to spec as per engine data plate. Adjust alternator #2 belt tension to specification in reference to Cirrus AMM. Removed all 6 fuel injectors. Clean, inspected and reinstall fuel injectors with new o-rings and washers in reference to Continental MM. Replace LH Turbo Induction Scat 12 ducting with soeet 12 ducting in reference to Cirrus AMM. Removed Cylinder #3 (P/N 658178 S/N AC13IA071) and installed overhauled cylinder #3 (P/N 658178 S/NAC13AB119) in reference to Cirrus and Continental M-O. Overhaul completed by Corona Aircraft Engines Inc. Under 8130 tracking # N112CE Dated 07/27/2023. AD 2023-09-09 not Applicable Riveted clamps installed I Certify that this ENGINE has been inspected IRW an 100 hour inspection per the MFG's inspection check list and was determined to be in AIRWORTHY Condition. All work performed IRW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta12004-03-2023. FAA CRS #25DR271B. DATE: 8/14/2023 SIGNED: [Signature] Work Order: Murrieta12004-03-2023 Printed by EBis 3 (datcomedia.com)</div>		

Date	Tot Hour	rd
Carried forward		
<div><div>ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG. NO: N273DT WORK ORDER: Murrieta12317-10-2023</div><div>Gryphon Aircraft Services, LLC. 37920 Sky Canyon drive Suite 1001 Murrieta, CA 92563 Phone: 951-698-4260</div><div>DATE: 10/10/2023 A/C TSN: 1604.7 ENG TT: 1604.7 FLIGHTTIME: 1604.7</div></div> <div>Engine Entries Performed a engine run up, Removed cowlings, Drained engine oil and recovered A oil sample, Sent sample out to Blackstone, Removed oil filter, Replaced filter with new AA48108-2 and safetied. Serviced engine with 7 quarts Phillips 20w-50xc. Performed a run up leak check with no leaks noted, Reinstalled cowlings, all work performed IRW Cirrus AMM & Continental M-O, Inspected engine compartment for general condition and defects, checked brake fluid reservoir, Lubricated waste-gate I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IRW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta12317-10-2023. FAA CRS #25DR271B. DATE: 10/10/2023 SIGNED: [Signature] Work Order: Murrieta12317-10-2023 Printed by EBis 3 (datcomedia.com)</div>		
<div><div>ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG. NO: N273DT WORK ORDER: Murrieta12392-11-2023</div><div>Gryphon Aircraft Services, LLC. Repair Station No. CRS 25DR271B 37920 Sky Canyon drive Suite 1001 Murrieta, CA 92563 Phone: 951-698-4260</div><div>DATE: 11/21/2023 A/C TSN: 1604.7 ENG TT: 1604.7 FLIGHTTIME: 1604.7</div></div> <div>Engine Entries Performed a engine run up, Removed cowlings, Drained engine oil and recovered A oil sample, Sent sample out to Blackstone, Removed oil filter, Replaced filter with new AA48108-2 and safetied. Serviced engine with 7 quarts Phillips 20w-50xc. Performed a run up leak check with no leaks noted, Reinstalled cowlings, all work performed IRW Cirrus AMM & Continental M-O, Inspected engine compartment for general condition and defects, checked brake fluid reservoir, Lubricated waste-gate in reference with Cirrus and Continental MM I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IRW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta12392-11-2023. FAA CRS #25DR271B. DATE: 11/21/2023 SIGNED: [Signature] Work Order: Murrieta12392-11-2023 Glen Kratz Certified Repair Station No. CRS 25DR271B Printed by EBis 3 (datcomedia.com)</div>		



Continental Motors, Inc.
www.continentalmotors.aero