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

location, this log had Printed: Scennent, or 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.

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	Total Time		otal Time Since Last Overhaul		Engine Service and Maintenance Record		
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal ar installation and compliance with inspections, Airworthiness Directive Special Inspections, Modifications and Service Bulletins		
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DOLLCI	AC DUNCA	AL ALGAT	1011110	400 701			
LOG ID N273D1 FHM 1	# 9590 05 F S/N 65	-August	-2014 W	O# 6039 R22T	VER DR, HGR 6 GREENVILLE, SC 29607 REF# 6039 AC TT 101.3 HOBBS 113.4 Pg 1 / 2		
ENGINE	4	50					
*DRAINED 7 QTS 2 * VISUAL CHAFING * PERFOR * CHECK * CHECK RECONNEC * LUBED *C/W SAI	OF FLEXIBI OF FLEXIBI RM CIRRUS S FORWARD IN SECURITY O TTED. WASTE GATE	C SAMPLE LIPS X/C F ENGINE LE HOSES SI10-01 T NDUCTION OF ALL II	; REMOVED, OIL. LEAR COMPARTME, RIGID FI TO INSPECTASSEMBLY NDUCTION (MOUSE MILE ALTERNMENT	, INSPECT CHECK: CHECK: ENT FOR E LUID LINE FOIL RET FOR PROP CLAMPS, A C.	TED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH GOOD. ALL IAW CIRRUS SR22 MM 12-10. VIDENCE OF FUEL LEAKS, OIL LEAKS, EXHAUST LEAKS, AND SS, AND WIRE BUNDLE URN CHECK VALVE FOR CHAFING AND PROPER POSITION. WER CLEARANCE FROM CRANKCASE. IND ENSURE THAT ANY REMOVED HOSES AND DUCTS HAVE BEEN ACEMENT OF #2 ALT HUM 10X MAGNIFIER AND BRIGHT LIGHT SOURCE ON THE CAST		
CRACKED	AT THIS T	IO VERIF	Y THE AREA	A SURROUN	DING THE MOUNTING BOSS AND HELICAL COIL INSERT IS NOT		
KEPLACEL	CONTROL PI	1 #/ BA	LIFRY WIRE	RING TE	#2 FIELD CONTROL PN:29434-001, FOR INOP & POPPING CB. RMINAL AND INSTALLED NEW #2 ALT PN:657199, SN: H-0040580 HECK GOOD.		
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YVES BAN	NGLE	→ A&P	3399769 I	A	DATE		
DOUGLAS LOG ID# 9 N273DT FHM 150	9722 17-D S/N 0652	ecembe CIRF	r-2014 W	00 TOWE 'O# 6087 22T	R DR, HGR 6 GREENVILLE, SC 29607 REF# 6087 AC TT 150.0 HOBBS 167.3		
*COMPLETED	ANNUAL IN	NSPECTION THE	N IAW FAR	91.409,	FAR 43 APPENDIX D, AND CIRRUS SR 22/22T MM 5-00. ALL REVISION 12/12/2014. NEXT ANNUAL INSPECTION DUE		
COMPLIED W SID 97-2	VITH TCM TO AND SB03-3	OPCARE H	EALTH CHEC		ORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER		
#1: 74/80, REMOVED, C GOOD. ALL DRAINED OJ 7 QTS PHJ REMOVED, C	ILEANED, IN IAW CIRRUS IL; TOOK SA ILLIPS X/C	, #3:74/ NSPECTED S SR22 MI AMPLE; RI 20W50 ON NSPECTED	80, #4:76, , AND REIM M 5-20 ANI EMOVED, IM IL. LEAK (, TESTED.	NSTALLED O TCM MAN NSPECTED, CHECK: GO	70/80, #6:71/80 FUEL INJECTORS WITH NEW SEALS AS REQUIRED. LEAK CHECK: IUAL X30634A. NEXT CLEANING DUE AT 450.0 FHM OR 12/2015. AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH NOD. ALL IAW CIRRUS SR22 MM 12-10. ISTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG		
COMPLIED W	VITH FUEL S	SYSTEM S	ETUP PER S		OPS/LEAK: GOOD.		
THE AIRCRA	AFT. ENGINE	E, COMPO	NENT, PROF ON AGENCY	TN ATKMOK	CELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL CONDITION. APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE CONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH		
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	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record	
Date	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

(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

ENGINE LOG Registration: N273DT 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 ½ 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 W/O: 6001307 Date: 7/23/2015 Model: SR22T Tach: 244.5 S/N: 0652

· 新维生生 人名英格兰 人名英格兰人姓氏格兰人名 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.

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Glendale Aero Services 6841 N. Glen Harbor Blvd

Glendale, AZ 85307 623-414-4930

ENGINE LOG Registration: N273DT Date: 8/24/2015 W/O: 6001337 Model: SR-22 Fit 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.

FAA AUTHORIZATION: 322829269 IA

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



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT 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 ats, of Phillips X/C 20W50 oil and 1 pt. of ASL Camguard. Performed ground run up and operational check with no leaks noted.

SIGNATURE: Kenneth Morgan III

Semeth Magazin

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: 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: 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

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

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

SIGNATURE: James Butler



FAA AUTHORIZATION: 2833700 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT	W-052000000	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 gts. 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

	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record	
Date	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 —						

Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

ENGINE LOG Registration: N273DT 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	74 (And 4 () () ()	ENGINE LOG
	Date: 4/21/2016	W/O: 6001577	
	Model: SR22T	Tach: 396.0	
	S/N: 0652	Hobbs: 461.7	<u> </u>
She	S/N: U652	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: N273D7		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 Camquard. 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	A STATE OF THE STA
Model: SR22T	Flt Hobbs: 459.6	
S/N: 0652	Høbbs: 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	• 34 -5 1 (65.5)	ENGINE LOG
Date: 9/19/2016	W/O: 6001733	
Model: SR22T	Flt Hobbs: 500.5	
C/NI OCEO		7

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 Hours Time Since Last Overhaul Finding 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 Carried forward Total Time Time Since Last Overhaul Finding 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



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930 Registration: N273DT ENGINE LOG

Date: 10/21/2016 W/O: 6001761

Model: SR22T Tach: 520.3

S/N: 0652

Removed connector from oil pressure sensor. Cleaned connector with contact cleaner and applied Stabilant 22 to connector. Reconnected line to pressure sensor. Performed static run, operational check normal.

SIGNATURE: Matthew Hatfield

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FAA AUTHORIZATION: 2766522 A&P



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT	ENGINE LOG
Date: 10/21/2016	W/O: 6001761
Model: SR22T	Tach: 520.3
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: Raymond M. Moreno

Duf in Moreno

FAA AUTHORIZATION: 3754794 A&P



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT	ENGINE LOG
Date: 12/22/2016	W/O: 6001805
Model: TSIO-550-K1B	Flt Hobbs: 551.1
S/N: 1009240	TSMOH: 551.1

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 D13IA094 and RH magneto p/n 10-500556-101 s/n D13IA095 to send out for repair. Received same magnetos back form 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

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FAA AUTHORIZATION: 2833700 IA

Date

Total Time

Time Since Last Overhaul

Figure Service and Maintenance Record

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Dire ves, Special Inspections, Modifications and Service Bulletins



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT	4	ENGINE LOG
Date: 1/5/2017	W/O: 6001854	
Model: SR22T	Flt Hobbs: 561.2	
S/N: 0652		

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



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT	ENGINE LOG
Date: 1/25/2017	W/O: 6001875
Model: SR22T	Flt Hobbs: 567.1
S/N: 0652	

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 runup performed with all operations and indications normal.

SIGNATURE: John Fisher Juste



FAA AUTHORIZATION: 2734397 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273D	OT STATE	ENGINE LOG
Date: 2/7/2017	W/O: 6001895	
Model: SR22T	Flt Hobbs: 580.6	
S/N: 0652		

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

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Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT	ENGINE LOG
Date: 4/6/2017	W/O: 6001943
Model: SR22T	Flt Hobbs: 599.5
S/N: 0652	Hobbs: 697.1

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

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FAA AUTHORIZATION: 2734397 IA

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	Total	Iniai IIma		ice Last haul	Engine Se	ervice and Ma	intenance Reco
Date	100 Marian		Min	installation and c	ance actions includin compliance with inspect ns, Modifications and S	g engine part removal tions, Airworthiness Direct ervice Bulletins	
Gle Gle	ndale A	ero Sei	rvices	Reg	istration: N273DT		/ ENGINE LOG
0. 3 5 6 6 6	ndale A		rvices		istration: N273DT : 4/25/2017	W/O: 6001976	ENGINE LOG
6847 Gler	N. Glen Ha dale, AZ 85	arbor Blvd	rvices	Date	e: 4/25/2017 el: SR22T	W/O: 6001976 Flt Hobbs: 610.2	ENGINE LOG
6847 Gler	N. Glen Ha	arbor Blvd	rvices	Date	: 4/25/2017		ENGINE LOG

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

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT		1	ENGINE LOG
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

Jan Hists

FAA AUTHORIZATION: 2734397 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930

Registration: N273DT	ENGINE LOC
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

Star 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: Work Order: 200788

Cliff, Gerber Certified Repair Station No. 5CSR009B Printed by EBis 3 (datcomedia.com)

LUBBOCK AERO

6304 N. Cedar Ave Lubbock, TX 79403 806-747-5101 Fax: 806-767-800

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_ S

Daniel Mayo A&P 3817553

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All the same	A MEN APPLA	STATE OF THE STATE	

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 N2 Hobbs Hours: 677.4

N273DT

Cirrus SR22T S/N:0652

3 110013. 077.4

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

Signed_

Daniel Mayo A&P 3817553

	Total	Time	Time Sir Over		Engine Service and Maintenance Record
Date	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
riad farmer		Î.			
N273DT, M	Ph: ?	N. Cedai 806-747- us, M/N: \$	ubbock Ae r Ave. Lub 5101 Fax SR22T, S/	: 806-76 N:0652 [Jaio. 1
Performed removed fi CH48108- with 11.20 run ops an sample ta	1, and se oz. Camgu nd leak ch	un. Remo ected filte rviced er uard. Wa neck ok.	shed engi C/W Savv	ne, re-ins y Mainte	quired. Drained oil, a new filter p/n: Phillips X/C 20W-50 oi stalled cowling, ground nance 50 hour items. O
sample	ير.		Daniel S	. Mayo 3	817553 A&P
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	N273I Date:	DT, Make 4-9-2018		Cedar A -747-51(bock Aero ve. Lubbock, TX 79403 01 Fax: 806-767-8000 22T, S/N: 0652
	new fil 20 W s	lter p/n: C 50 oil and	H48108-	i, and se	er, inspected filter media, installed a erviced engine with 7 quarts Phillips aurd. Washed engine, re-installed check ok.
	-6	<u>⊃</u> 2-	0		iel S. Mayo A&P 3817553
			1	Ī	
Abilene Aero Ir					WO# <u>14880</u> Registration# <u>N273DT</u> Date: <u>8/24/18</u>
Engine S/N 10			er: <u>763.1</u>		tal Time: <u>763.1</u> TSMOH: <u>763.1</u>
Airworthiness [Directives of	Through been inspe	2018 ected IAW F		pendix D 100 hour inspection and found to be in an Airworthy condition.
Compression	check #1	64/80 #2	72/80 #3	8/80 #4	58/80 #5 68/80 #6 72 /80 M.O. 50. •Drained oil, removed filter, inspected
filter media, ins	stalled a ne	ew P/N Ch	148108-1 f	lter, servi	ced engine with 8 quarts Phillips XC 20W50 oil. Washed engine ground run
ops and leak c	heck ok.	Removed	d, inspected	l, cleaned	, gapped, tested and re-installed spark plugs. ♦Tested spark plug leads ok.
♦Checked mag	gneto timin	ng. ♦Remo	oved cleane	d inspect	ed and reinstalled air filter. Removed, cleaned, inspected, installed, and
torqued, fuel n	ozzles. •F	Removed	lifters for in	spection r	no discrepancies noted, reinstalled IAW TSIO-550-K M/M. Adjusted MAP
					TSIO-550- K M/M.
					mash blees -

Approved for return to service
Mark Reed APIA3398125

	The state of the s	
Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 14692	Registration# N73DT Date: 11/14/18	
Engine S/N <u>1009240</u> Meter: <u>801.1</u> Total Time: <u>801.1</u>	TSMOH: <u>801.1</u>	ord
Drained oil, removed filter, inspected filter media, installed a new P/N CH48108	-1 filter, serviced engine with 8 quarts Phillips X/C	0
20W50 oil. Washed engine ground run ops and leak check ok.		and
	11/1/1/2	:ives,
		9
	Approved for return to service	
	Nate Loflin AP3669831	5.
-	- Val Val	
A DATE OF A EDO INC		
ABILENE AERO INC.		
DATE: 4/2/19 N# 273 DT		
H.M. 929.5 W.O. 19-21243		
n.w		
ALL WORK ACCOMPLISHED IAW		
MANUFACTURERS APPROVED DATA.		
SPACE PRODUCT STATE CONTROL OF STATE CON		
DRAINED OIL CHANGED AND INSPECTED FILTER	× ×	
SERVICED S QUARTS PHILLIPS 20W50 X/C OIL		
GROUND RUN OPS AND LEAK CHECK OK	•	
\$ - 40 B		
9-40	p 4	
THE ABOVE REPAIR APPROVED FOR		
RETURN TO SERVICE. A+P 399 7897	· <u></u>	
RETURN TO SERVICE. //// 577757		
†	-	
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 r	un ops checked ok.	
- Installed an overnauled right magneto, 1/IN 10-500556-101, 5/N 131 FF,A 126. Ground r	un ops checked ok.	
- Installed an overnauled right magneto; 1/1N 10-500556-101; 5/N 1911F/A 126. Ground r	un ops checked ok.	
- Installed an overnauled right magneto, 17(N 10-500556-101, 5/N 13) FF/A 126. Ground r	un ops checked ok.	
- Installed an overnauled right magneto; 17th 10-500556-101; 5/N-131-14-A-126. Ground r		
- Installed an overnauled right magneto, 17th 10-500556-101, 5/N 1911FFA 126. Ground r	Approved for return to service Nathan Loflin AP3669831	
	Approved for return to service	
	Approved for return to service	
ABILENE AERO INC.	Approved for return to service	
ABILENE AERO INC. DATE: 6/13/19 N# 273 DT	Approved for return to service	
ABILENE AERO INC.	Approved for return to service	
ABILENE AERO INC. DATE: 6/13/19 N# 273 DT H.M. 971.0 W.O. 19-21346	Approved for return to service	
ABILENE AERO INC. DATE: 6/13/19 N# 273 DT H.M. 971.0 W.O. 19-21346 ALL WORK ACCOMPLISHED IAW	Approved for return to service	
ABILENE AERO INC. DATE: 6/13/19 N# 273 DT H.M. 971.0 W.O. 19-21346	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 N# 273 DT H.M. 971.0 W.O. 19-21346 ALL WORK ACCOMPLISHED IAW MANUFACTURERS APPROVED DATA. DRAINED OIL CHANGED AND INSPECTED BY TER	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 N# 273 DT H.M. 971.0 W.O. 19-21346 ALL WORK ACCOMPLISHED IAW MANUFACTURERS APPROVED DATA. DRAINED OIL CHANGED AND INSPECTED BY TER	Approved for return to service	
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.	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 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	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 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	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 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	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 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 KEPAIR APPROVED FOR	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 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	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 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 KEPAIR APPROVED FOR	Approved for return to service	
ABILENE AERO INC. DATE: 6/3/9 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 KEPAIR APPROVED FOR	Approved for return to service	

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

nd

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. ♦Beinstalled alternate air door bracket after minor weld repair, *R&I new air filters P/N 27166-001.

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 ETT: 1111.1 Model: TSIO-550-K

S/N: 1009240

Flight: 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

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: 646317-17, 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

Chil K Chad R. Burns AP2829180IA

> ENGINE MODEL TSIO-550-K ENGINE S/N: 1009240

Gryphon Aircraft Services, LLC.

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

37680 Sky Canyon Drive rrieta, CA 92563

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

Work Order: Murrieta10165-05-2020

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enance Record

ngine part removal and

Airworthiness Directives,

e Bulletins

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



Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive Murrieta CA 92563

A/C TSN: 1151.7 ENG TT: 1151.7 FLIGHTTIME: 1151.

Engine Entries

Inspected engine compartment for general condition and defects, checked brake fluid reservoir... R&R Left Magneto with SureFly SIM6N S/N 6C-4619007per 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.

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 SB18-0SB, #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 paired 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

DATE: 6/26/2020

SIGNED:

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



Gryphon Aircraft Services, LLC.

DATE: 9/3/2020 37680 Sky Canyon Drive

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

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. Murrieta10281-08-2020. FAA CRS #2SDR271B

DATE: 9/3/2020

Murrieta CA 92563

Work Order: Murrieta10281-08-2020

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ENGINE MODEL REG. NO: N273DT WORK ORDER Murrieta10380-10-2020



Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive Murrieta, CA 92563

DATE: 11/23/2020 A/C TSN: 1220.9 ENG TT: 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 IRW 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
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Work Order: Murrieta10380-10-2020

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· · · · · · · · · · · · · · · · · · ·		ENGINE 1 TSIO-550 ENGINE : REG. NO WORK O Murrieta1	-K 8/N: : N273DT	БВУРНОМ	Gryphon Air 37680 Sky Canyon #802 Murrieta, CA 92563 Phone: 951-698-42	Drive	Juan Book Teat o	A/C TSN: 1236.5 ENG TT: 1236.5 FLIGHTTIME: 1238.5	
Date	H	Perform Blacksto 20W50 general	one , Removed XC, Performed condition and	oll filter, Rep a run up leak defects, chec	ed cowlings, Draine laced filter with new check with no leak ked brake fluid rese	d engine oil and rec AA48108-2 and sat s noted, Reinstalled ervoir		engine compartment for	il and
ied forward		repaire	d and inspecte	d in accordan e manuais or	work performed on ice with current FAA other approved doc 04-12-2020. FAA C	regulations and is a sumentation. Pertine	d Aircraft, Engine, Prop APPROVED for return Int details of the repair	pelier or Appliance was to service.All work performed are on file at this repair facility	.,
		DATE:	1/8/2021	SI	GNED:	WW		Order: Murrieta10504-12-2020	
	1 .						Printe	d by EBis 3 (datcomedia.com)	<u> </u>
ENGINE MOD TSIO-550-K ENGINE S/N: REG. NO: N27 WORK ORDEI Murrieta10772	3DT R:	GRYPHON	37680 Sky Canyo #602 Murrieta, CA 925	on Drive 33	rvices, LLC.		DATE: 5/1/2021 A/C TSN: 1264.8 ENG TT: 1264.8 FLIGHTTIME: 1264.8		
Engine En Completed 1 Serviced en tested all spi revision R belt turnbuck Continental I reinstalled to gaskets. Ton	tries 00 HOUR gine with 7 ark plugs.S eplaced riv tle with nev MM Insta their corre	INSPECTION p. Phillips 20W50) ee AD note upd et on the LH aft v and torqued ha alled aif #2 bet cot locations with	KC, Compressi ate sheet and r engine baffle., ardware to spec sheave hardwa n new o-rings a IAW Continente	craft Services on check #1 6 master list for Installed ne c IAW Cirrus we re IAW Cirrus we nd washers	61 #2 52 #3 61 #4 6 complete AD note w rivet on RH forwa AMM Timed RH m AMM Removed and repli	hanged oil and filter 31 #5 59 #6 60. Clea history thru this date ard engine baffle R nagneto to engine sp all six fuel injectors, i aced all valve cover 31R1 Inspection of	aned, gapped and e and current deplaced worn A/C decifications IAW		
! Certify that Condition.All	this ENGIN	rmed iAvv appil	peoted IAW an	100 hour ins	pection and was defeated approved documents of the contract of	termined to be in Alf nentation. Pertinent S #2SDR271B	RWORTHY details of the repair	b	
DATE: 5/1/2		SIGNE	11	6×			rrieta10772-04-2021	,	
ENGINE MOE TSIO-550-K ENGINE S/N: REG. NO: N2	1009240		37680 Sky Cany		rvices, LLC.		DATE: 8/5/2021 A/C TSN: 1282.6 ENG TT: 1282.6		
WORK ORDE Murrleta11031	R:	GRYPHON	#602 Murrieta, CA 925 Phone: 951-698-	63 4260			FLIGHTTIME: 1282.6		
								r	
Engine Er Adjusted oil		up to spec per th	e CMI Engine	.· Manual				:	
Adjusted oil I Certify tha repaired an IAW applica	t with respected inspected	ect to only the w	ork performed owith current FA	on the above A regulations ocumentation	and is APPROVED Pertinent details of	Engine, Propeller or O for return to servic the repair are on file	Appliance was a.All work performed a at this repair facility	:	
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ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG. NO: N273DT WORK ORDER: Murrieta11516-05-2022 Gryphon Aircraft Services, LLC. 37680 Sky Canyon Drive Murrieta, CA 92563

Phone: 951-698-4260

DATE: 6/16/2022 A/C TSN: 1416.2 ENG TT: 1416.2 FLIGHTTIME: 1416.2

Engine Entries

Completed 100 HOUR INSPECTION per Cirrus Inspection form, Changed oil and filter AA48108-2, Serviced engine with 7 tonipleted to PACOK INSECTION PER Clinia inspection from organization and literature to 25 of Net of Agric Visit 1818, per 181 to Cirrus and Continental MM.... Installed new alternator #2 mounting bracket IRW Continental MM.... Removed all 2,4,6 fuel injectors, cleaned, and inspected. Reinstalled injectors with new o-trings and washers in reference to Continental MM....

Replaced A/C drive beit assembly bushing with new IRW Cirrus AMM... Perform A fuel system set up IRW Continental MM & Cirrus AMM. .. Replaced fuel flow transducer with new in reference to Cirrus and Continental MM.

LCertify that tres ENGINE has been inspected IAW an 100 hour inspection per the MFG's inspection check list and determined to be in AIRWORTHY Condition.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. Murrieta11516-(5-2022.

DATE: 6/16/2022

SIGNED:

Work Order: Murrieta11516-05-2022

ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG. NO; N273DT WORK ORDER: Murrieta11554-08-2022

Gryphon Aircraft Services, LLC.

DATE: 6/21/2022 A/C TSN: 1434.6 ENG TT: 1434.6 FLIGHTTIME: 1434.6

37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260

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

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. Murrieta11554-06-2022. FA3_CRS#2SDR271B.

DATE:	6/21/2022	

Work Order: Murrieta11554-06-2022

ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG. NO: N273DT WORK ORDER: Murrieta11635-08-2022

Gryphon Aircraft Services, LLC.

A/C TSN: 1463.5 ENG TT: 1463.5 FLIGHTTIME: 1463.5

37920 Sky Canyon drive Sulte 1001 Murrieta, CA 92563 GRYPHON Phone: 951-698-4260

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 turbo waste-gate in reference to Continental MM.... Removed RH magneto P/N 10-500556-101 S/N D21DA297 Replaced RH magneto with new P/N 10-500556-101 S/N D21HA340, Timed magneto to engine pet the engine data plate, Secured attaching hardware 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. Murrieta11635-08-2022. FAA QBS #2SDR271B.

DATE: 8/1	0/2022
FNOINEN	ODEL:

Work Order: Murrieta11635-08-2022

Gryphon Aircraft Services, LLC.

DATE: 10/28/2022 A/C TSN: 1497.4 ENG TT: 1497.4 FLIGHTTIME: 1497.4

(datcomedia.com)

BRYPHON 37920 Sky Canyon drive

Engine Entries

ENGINE MODEL: TSIO-550-K ENGINE S/N: 1009240 REG, NO: N273DT WORK ORDER: Murrleta11775-10-2022

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 safetted. 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... Lubricated waste-gate IRW Cirrus AMM

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 periodined on the acove dentitied Arcrait, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and its 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. Murrieta11775-10-2022, FAA CRS #2SDR271B.

DATE: 10/28/2022	SIGNED: JwW.	Work Order: Murr
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Murneta, CA 92583

vintenance Record

g engine part removal and ions, Airworthiness Directives.

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Date Carried forward -	Tota Hours		illips 20w-50xc. ment for general is AMM Adjusted RH essure IRW Continental e driven fuel pump (P/N replaced 1 spark plug or Appllance was	nd ss,		Date Carried forward -	Hour	Performed a run up lea M-0 Inspected engir I Certify that with respe- repaired and inspected IRW applicable service	Gryphon Aircraft Services, LLC. 37920 Sky Canyon drive Suile 1001 Murrieta, CA 92583 Phone: 951-989-4260 In up, Removed cowlings, Drained engine oil and recovered A laced filter with new AA48108-2 and safetled. Serviced engine is check with no leaks noted, Reinstalled cowlings, all work per e compartment for general condition and defects, checked brait to only the work performed on the above identified Aircraft, in accordance with current FAA regulations and is APPROVE manuals or other approved documentation. Pertinent details of Murrieta12317-10-2023. FAA CRS #230R2718. SIGNED:	with / quarts Phillips 20w-50xc. formed IRW Cirrus AMM & Continental ke fluid reservoir Lubricated waste-gate Engine, Propeller or Appliance was
	Fisher Fi	SIGNES IN: 109240 SIGNES IN: 1	e was k performed repair facility		-			Performed a run up le M-0 Inspected engin reference with Cirru I Certify that with respected and inspected and	Gryphon Aircraft Services, LLC. Repair Station No. CRS 2SDR271B 37920 Sky Canyon drive Suite 1901 Murrieta, CA 92593 Phone: 951-698-4280 In up, Removed cowlings, Drained engine oil and recovered A placed filter with new AA48108-2 and safetied. Serviced engine als check with no leaks noted, Reinstalled cowlings, all work pe ne compartment for general condition and defects, checked br is and Continental IMM eet to only the work performed on the above identified Aircraft, d in accordance with current FAA jegulations and is APPBOVI e manuals or other approved doclimentation. Peginent details Murrieta12392-11-2023. FAA ORS #2SDR2711 SIGNED:	a with 7 quarts Phillips 20w-50xc. rformed IRW Cirrus AMM & Continental ake fluid reservoir Lubricated waste-gate Engine, Propeller or Appliance was ED for return to service.All work performed of the repair are on file at this repair facility
	E C S a r s s c c c c c c c c c c c c c c c c c	ENGINE MODEL: TSIG-550-K ENGINE SIN: 1009240 REG. NO: N2730T WORK ORDER: Murrieta; 2004-03-2023 Engine Entries Completed 100 HOUR INSPECTION per Cirrus Aircraft SR2X AMM Inspection Checklist, Changed oil and filter Serviced engine with 7 qts. Phillips 20w-50xc. Compression check #1 52 #2 73 #3 55 #4 68 #5 72 #6 73. Clear and tested all spark plugs. See AD note update sheet and master list for complete AD note history thru this date revision CW AD 84-26-02, Replaced Air Intake filters with new, due each 500 nours Adjusted high end fuel fil spec per the CMI M-O MM Retimed RH magneto to spec as per engine data plate Adjust alternator #2 belt specification in reference to Cirrus AMM Removed all 6 fuel injectors. Clean, inspected and reinstall fuel injector- crings and washers in reference to Continental MM Replace LH Turbo Induction Scat 12 ducting with sceet reference to Cirrus AMM Removed Cylinder #3 (P/N 658178 S/N AC13IA071) and installed overhauled cyline 658178 S/NAC13AB119) in reference to Cirrus and Continental M-O. Overhaul completed by Corona Aircraft Er 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 of determined to be in AIRWORTHY Condition.All work performed IRW applicable service manuals or other apport documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta 120 Printed by EBis 3 (details and continent of the period of	DATE: 8/14/2023 A/C TSN: 1576.4 ENG TT: 1576.4 GHTTIME: 1578.4 GHTTIME: 1578.4 AA48108-1. led, gapped and current ow and M/P to tension to tors with new 12 ducting in les #3 (P/N) igines inc. and was wed 04-03-2023						Glen Kratz Certified Repair Station No. CRS 2SDR271B 1 of 1	Work Order; Murrieta12392-11-2023 Printed by EBis 3 (datcomedia.com)
		- 1 of 1								



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