

ENGINE LOG BOOK

Publication ELB-01

JUN 2019

Service Information

Consult the Continental web site at http://www.continental.aero for engine related news or announcements. The web site contains useful information for Continental engine owners, including service information and illustrated parts catalogs.

If Internet access is not available, contact our Customer Service Department at: 1-888-826-5465 Toll free in the United States or 1-251-436-8299 for International customers

Warranty Information

This product is covered by Continental Aerospace Technologies™ product warranty. To read or download a copy for your records, please visit the Product Warranty page on our web site at: http://www.continental.aero/services/warranty.aspx or scan the QR Code to the right to navigate to the page:



Instructions for Continued Airworthiness

For complete access to the engine Instructions for Continued Airworthiness, Illustrated Parts Catalogs, Service Documents, Technical Briefs, company news, and upcoming events, please take a few moments to register the serial number of your engine on our web site: http://www.continental.aero/services/owner-registration.aspx or scan the QR Code to the right to navigate to the page:



Engine Returns

Return engines for core credit with this log book to: Continental Aerospace Technologies 2039 Broad Street Mobile, AL 36615 USA

Return engines for overhaul with this log book to: Continental Services **Factory Service Center** 8600 County Road 32 Fairhope, Alabama 36532 USA

USE ONLY FUEL SPECIFIED IN OPERATOR'S MANUAL OR TYPE CERTIFICATE DATA SHEET JSE OF AUTOMOTIVE FUEL IS PROHIBITED



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

ted:11/11/2020

the original engine log boolest Date; 1/10/2020 prior to the information recorded

This engine model 10550N Serial number 1040034 was manufactured by Continontal Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.

CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)

	Tota	I Time	Time Sir Over		Engine Service and Maintenance Recor			
te	Hours	Min	Hours	Min	Record maintenance actions including engine part removal a installation and compliance with inspections, Airworthiness Directive Special Inspections, Modifications and Service Bulletins			
			Tach: 24 Fit: 24 Hobbs: 35	.1 i.3	Registration: N225CF Ser. No: 4993 Horizon Avionics, Inc. iation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701			
	-	-			ENGINE LOG ENTRY			
		CW Cirrus maintenance program CMX delivery quality check II. Preformed 25hr inspection of et Cirrus AMM 05-20 and Continental M-16 manual. Preformed boroscope Inspection of all cyli discrepancies noted. Drained engine oil and serviced qith 8 qts Phillips 20w50 X/C. Replace with new CH48108-1.Performed particulate inspection on filter, no discrepancies noted. Runup checks preformed with no discrepancies noted. All work accomplished IAW Cirrus AMM 12-10. MAINTENANCE RELEASE The Engine Identified Above Was Repaired & Insp IAW Current Maintenance Rules Of The Aviation Regulations And Is Approved For Return To Service with respect to the work pertinent Details Of This Repair Are On File Under Work Order No. M5628.						
			Signed:	1/2	Cert. No: 119367503 Date: 5/17/21			
			,		For Horizon Avionics, Inc.			
				-				
E R	NGME MODE NGME SIN 10 ES NO NO25 VORK CROER	40034 35 KTYS25445-	-	. 0.01	J S Cirrus Factory Service Center			
	ngine Entr			USER SET SEEDS	100000000000000000000000000000000000000			
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100	Total	Time	Time Sin		Liigiiio	laintenance Record
Date	Hours	Min	Hours	Min	Record maintenance actions incluinstallation and compliance with insp Special Inspections, Modifications and	ding engine part removal and pections, Airworthiness Directives d Service Bulletins
arried forwar	d —	-				
arried formal	ENG ENG	INE MODEI INE S/N 10 I NO N225 RK ORDER	40034		CIRRUS Cirrus Factory Service Cel Repair Station No. 980R988C 114 Cirrus Landing Alcoa, TN 37701 Phone 865-980-8702	DATE 12/9/20/ A/C TSN 147 ENG TT 147 TSMO FLIGHTTIME 147
	(7) (15) AA-disc (16)	Drained 6 48108-2. Forepancies Performe	engine opera engine oil. Ser Performed par noted. Work d 50 Hr. CMX	viced engin ticulate insp accomplish Servicing of	unction check IAW Cirrus AMM 5-30. e with 8 quarts of Phillips XC 20W50 engine oil. Feetion on old filter and found no unusual contaminated in accordance with SR22 AMM 12-10 and Confund engine IAW Cirrus SR22 AMM 5-20 and Contine	tinental Manual M-0 ntal M-0 Manual.
	The Avia	aircraft, airfr tion Adminit	rame, aircraft en stration and is ap	gine, propelle aproved for re	r or appliance identified was repaired/inspected in accorda turn to service. Pertinent details of this work order are on fi	
	DA	TE: 12/9/2	021	SIGNE	of man	Work Order: KTYS26439-12-20
				Bo Wat Certifie	son d Repair Station No. 9B0R988C	Printed by EBis 3 (datcomedia.co
		1.				
		02/10/2022			N225CF Contines	ntal IO 550-N
		Total Time Flight Tim	e: 167.7		S/N: 104	
	-	Hobbs Tim	ne: 232.8		Horizon Avionics, Inc.	
			2445 E. Gene	ral Aviation E	Prive, Suite C. Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (86	5) 980-7701
		irrus AM! Orained oil particulate i oted. All w	M 5-30. Performand serviced was inspection on for accomplish compression of	med engine vith 8 quarts ilter, no disc hed IAW Ci hecks IAW (ENGINE LOG ENTRY n IAW FAR43 D. Performed engine operational and to 100 hour inspection IAW Cirrus AMM 5-20 and Control of Phillips 20w50X/C. Replaced oil filter with new Cirrus aMM 12-10 and Continental M-0 Manual. Performed with the continental M-0 Manual. No discrepancies noted. Control M-0	H48108-1. Performed ith no discrepancies ormed cylinder
		certify the	at this engine h Pertinent detai	us been insp Is are on file	MAINTENANCE RELEASE sected IAW a 100 hour inspection and has been deter under Work Order No. M5852.	rmined to be in airworthy
			Signed	~	Cert. No. 2/252578 Date: 2/	10/22
wo:	1221047				No.	Engine - page 1 of 1
				V	KEYSTONE AVIATION.	-
		Keystone A	riation LLC - 150	01 N Airport	Dr - SCOTTSDALE, AZ 85260 - 623-562-3040 - CRS#: K4LR	-
No	25CF	- my anning Mi			IO-550-N, S/N: 1040034	
Flig	ght: 213.1		Hobbs: 2	293.7	550 H, 5/H. 1040034	April 13, 2022
_ 2	oil. Ran air	r analys rcraft, no t: LL41A	leaks note	d. IAW Ci	moved filter cut open, no defects noted. (lilter P/N: CH48108-1. Installed 8 quarts rrus SR22 AMM 79-20. Installed (8) P/N 2 d P/N CH48108-1 - Oil Filter Rev/Lot: 57 N NAS1523-8B - Gascolator Stato-Seal.	of Phillips 20W 50
101 6	respect to th	ne work p	performed a	nd curren	t FAA regulations this engine is approved work performed are on file with Keystone	for return to service Aviation, LLC under
		_/	Than 5	71	/	_



	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	



Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935 Registration: N225CF

Date: 7/21/2022

Model: IO-550-N(70B)

S/N: 1040034

TSMOH: 266.8

ENGINE LOG

ENGINE LOG

TSMOH: 266.8 Hobbs: 363.6

TSMOH: 266.8

Complied with a 100 hour inspection in accordance with 14 CFR 43 Appendix D and in reference to the Cirrus SR-22/22T Annual / 100 hr. inspection checklist CH 5-20.

AD's researched thru T-Data content revision 2022-15, see attached AD compliance list for details.

Complied with 300-Hour fuel injector cleaning. Removed all fuel injectors, ultrasonic cleaned, and reinstalled injectors with new nozzle washer p/n 640612, nozzle O-ring p/n 630979-9 and copper washer p/n X1473. Leak checks satisfactory. Mx performed IAW Continental MX & OHL Manual M-16 Chapter 10 & 14.

Compressions checked in accordance with CMA M-0 Section 6-4.11.2; 1-70, 2-75, 3-74, 4-73, 5-75, 6-74 / 80 (Hot). Master orifice reading 46 psi. Borescope inspection performed IAW Section 6-4.11.3, all cylinders found to be serviceable at this time.

Removed gascolator assembly. Cleaned and inspected screen with no contamination noted. Re-assembled gascolator with new o-ring seals p/n MS29513-137 and stat-o-seal p/n NAS1523-8B. Leak check satisfactory.

Drained oil thru 1000 micron screen. Took Blackstone oil sample to send for analysis. Removed oil filter and cut and inspected for metal contamination, filter normal. Removed engine drain plug to inspect for metal, no metal noted. Reinstalled drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n CH48108-1. Serviced engine with 8 quarts Phillips XC 20W-50 oil. Mx performed IAW the Cirrus SR22/22T AMM CH 12-10 & Continental IO-550 Series Manual M-16, and Continental CSB07-01A dated 9/2/2020.

Installed 1 ea. new spark plug Tempest p/n URHB32E. Cleaned, gapped, tested and rotated all remaining spark plugs. Reinstalled and torqued to specified limits with new U674 gaskets. MX performed IAW the CMA M-0 MM CH 6-4.

Removed existing SCAT tube from air filter to alternate air. Installed new alternate air SCAT tubing with 1ft. of SCAT10, MX performed IAW the Cirrus SR22/22T AMM CH 71-60.

Adjusted magneto to engine timing IAW Continental IO-550 MM M-0 Chapter 6-4.

Adjusted idle speed to specified limits. MX performed IAW the CMA M-0 MM CH 6-4.

Installed new induction air filter with new Bracket p/n BA-24 and secured.

Maintenance performed in accordance with Model SR-22/22T AMM, CMA IO-550 Series OHL manual M-16 and CMA Manual M-O.

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 a 100-Hour inspection and was determined to be in airworthy condition

SIGNATURE: Richard Macias

FAA AUTHORIZATION:

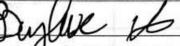
4405965 A&P



Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935

Complied with 50 hour oil and filter change. Drained oil through a 1000 micron screen. Removed existing oil filter to be cut open to inspect, filter found normal. Removed engine drain plug to inspect for metal, no metal noted. Re-installed drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n AA48108-2 and serviced engine with 8 quarts of Phillips XC 20W-50 engine oil. Performed static run, no leaks noted and operational performance normal. Mx performed IAW the Cirrus SR22/22T AMM, CH 12-10 & Continental maintenance and overhaul manual, publication M-16 & CSB07-01A dated 9/2/2020.

SIGNATURE: Dylan Adair



FAA AUTHORIZATION: 4330086 A&P



400.	Total	Time	Time Sin Over	naul		rvice and Maintenance Reco
Date	Hours			Min	Record maintena installation and of Special Inspection	ance actions including engine part removal ompliance with inspections, Airworthiness Direct as, Modifications and Service Bulletins
	1		W.	-1-	istration: N225CF	ENGINE LOG
	lendale /	Aero S	ervices	Regi	ISTRACION. 14220	W/O: 80001706
G	iendale	Jorbor Ri	vd	Date	2/2/2023	Fit Hobbs: 371.9 Hobbs: 509.3
68	41 N. Glen I	181001 01		Mode	el: IO-550-N(70B)	TSMOH: 371.9
G	lendale, AZ 8	5501		S/N:	1040034	o the Cirrus Aircraft SR-22/22T AMM annual a content revision 2023-03, see attached AD
62	3-414-4933	SANTELE	THE CEL	43 App	endix D in reference I	o the Cirrus Aircraft SR-22/221 Alvilly allituda a content revision 2023-03, see attached AD -76, 3-74, 4-72, 5-78, 6-72 / 80 (Warm). Master
amplied with	an Annual in	spection	IAW 14 CFF	AD'e	esearched thru T-Da	a content to the same
omplied with	klist CH 5-2	0 & Preci	se Flight ICA	A. ADSI	630010110	5-78 6-72 / 80 (Warm). Master
empliance list	for details.			M O Soc	tion 6-4.11.2; 1-72, 2	-76, 3-74, 4-72, 5-10, be serviceable at this time.
ompliance list	checked in a	ccordano	e with CMA	M-U Sec	W Section 6-4.11.3,	-76, 3-74, 4-72, 5-78, 6-72 / 80 (Warm). Master all cylinders found to be serviceable at this time. Innation noted. Re-assembled gascolator with new attisfactory.
rifice reading	46 psi. Bore	scope ins	spection per	conted in	creen with no contan	nination noted. Re-assembles
emoved gaso	olator assem	bly. Cle	aned and in	NAS15	23-8B. Leak check s sample to send for ar	all cylinders found to be serviceable at this time. all cylinders found to be serviceable at this time. all cylinders found to be serviceable at this time. all cylinders found to be serviceable at this time. all cylinders found to be serviceable at this time. all cylinders found to be serviceable at this time.
ring seals p/r	MS29513-1	37 and s	Tal-0-seal pi	stone oil	sample to send for ar	alysis. Removed on Reinstalled drain plug with
rained oil thru	nation, filter n	ormal. R	emoved eng and safety w	ine drain ired. Inst	alled new oil filter p/n	CH48108-1. Serviced engine with 5 quarts Finished on tinental IO-550 Series Manual M-16, and
c 2014-50 oil	Mx perform	ed IAW	he Cirrus SI	R22/22T	AMM CH 12-10 G CC	th and 1674 paskets MX
ontinental CS	B07-01A da	ed 9/2/20	020.	-	estalled and torqued	to specified limits with new U674 gaskets. MX In 15480-005. Mx performed IAW the Cirrus
	ed, tested an	d rotated	l all spark pl	ugs. Re-	installed and torques	A A LAW the Cirrus
loaned gang						
		enter ba	ffle. Installed	a new fo	olward certies parties	/n 15480-005. Mx performed IAW the Cirrus
	ing forward				- Deet my ground rul	
	ing forward o	-00.		en a 11		indications normal. MX performed IAVV CNIX III-10
emoved exist	nd loaned or	t idle mix	dure to spec	ified limit	s. Post fix ground far	indications normal. MX performed IAVV GNA III-10
Removed exist R22/22T AMI	nd leaned or	t idle mix	ture to spec	ified limit	S. POSLIIIX glound in	Tillulosson
Removed exist R22/22T AMI	nd leaned or	t idle mix	ture to spec	ified limit	24 and secured.	Illidioseti
temoved exists R22/22T AMb djusted idle a 0-550 MX and existalled new in	nd leaned ou d Overhaul M nduction air f	it idle mix anual Ch ilter with	ture to spectapter 6-3.10 new Bracket	ified limit 0.2. p/n BA-2 el SR-22/	24 and secured. 22T AMM, CMA IO-5	50 Series OHL manual M-16 and CMA Manual M-
Removed exists R22/22T AMN adjusted idle a 0-550 MX and anstalled new in Maintenance p	nd leaned ou d Overhaul M nduction air f erformed in a	it idle mix anual Ch ilter with accordan	ture to spec apter 6-3.10 new Bracket ce with Mod	ified limit 0.2. p/n BA-2 el SR-22/	24 and secured. 22T AMM, CMA IO-5	50 Series OHL manual M-16 and CMA Manual M- indications normal and no defects or leaks noted.
Removed exists R22/22T AMI djusted idle a 0-550 MX and nstalled new in Maintenance p	nd leaned ou d Overhaul M nduction air f erformed in a	it idle mix anual Ch ilter with accordan	ture to spec apter 6-3.10 new Bracket ce with Mod	ified limit 0.2. p/n BA-2 el SR-22/	24 and secured. 22T AMM, CMA IO-5	Illianosaria

Complete	Registration: N2250	ENGINE LO
Glendale Aero Services	Date: 6/7/2023	W/O: 80001967
6841 N. Glen Harbor Blvd	Model: SR22	Fit Hobbs: 421.7
Glendale, AZ 85307 623-414-4935	S/N- 4993	Hobbs: 574.0
Removed magnetic plug and oil filter. No frietar in pasket p/n MS35769-11, torqued and safety wire orqued and safety wired. Added 8 Qts Phillips X performed IAW CMA CSB 07-01A revised 2020/16 Serviced and cleaned main fuel gascolator asser VAS1523-8B. Leak checks normal.	d. Cut open oil filter and n C 20W-50 oil. Post mx gro 09/02 and Cirrus SR22/22 mbly. Re-assembled with	
SIGNATURE: Oscar Ama Oscar	Ama FAA AUTHORIZATION: 2726741	

FAA AUTHORIZATION:

4337201 IA

SIGNATURE: Brandon Musser



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



Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935 Complied with a Cirrus Maintenance Program CMX In-Service II, 100-Hour Inspection.

Performed engine 100-Hour Inspection IAW Cirrus SR22/22T AMM CH 5-20 and Continental Manual M-16.

AD's researched thru T-Data content revision 2023-18, see attached AD compliance list for details.

Complied with 500-Hour Magneto inspections. Removed existing RH magneto p/n 10-500556-1 s/n D20JA083. Removed existing LH magneto p/n 10-500556-1 s/n D20IA199. Installed Continental Motors Blue Label Factory Rebuilt magnetos: RH p/n BL-500556-1 s/n D23GA223R and LH magneto p/n BL-500556-1 s/n D23GA217R using new base gaskets p/n 649954. Adjusted magneto to engine timing into allowable limits. Re-installed cylinder #3 & #4 induction tubes using new gaskets p/n 649950 qty 2. MX performed IAW the Continental maintenance and overhaul manual, publication M-0, chapters 10-5.1, 10-5.2, & 6-4.9.1.2. Work performed by Dylan Adair A&P 4330086

Compressions checked in accordance with CMA M-0 Section 6-4.11.2; 1-68, 2-66, 3-70, 4-66, 5-66, 6-70 / 80 (Hot). Master orifice reading 46 psi. Borescope inspection performed IAW Section 6-4.11.3, all cylinders found to be serviceable at this time. Removed gascolator assembly. Cleaned and inspected screen with no contamination noted. Re-assembled gascolator with new

o-ring seals p/n MS29513-137 and stat-o-seal p/n NAS1523-8B. Leak check satisfactory.

Drained oil thru 1000 micron screen. Took Blackstone oil sample to send for analysis. Removed oil filter and cut and inspected for metal contamination, filter normal. Removed engine drain plug to inspect for metal, no metal noted. Reinstalled drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n AA48108-2. Serviced engine with 8 quarts Phillips XC 20W-50 oil. Mx performed IAW the Cirrus SR22/22T AMM CH 12-10 & Continental IO-550 Series Manual M-16, and Continental CSB07-01A dated 9/2/2020.

Cleaned, gapped, tested and rotated all spark plugs. Re-installed and torqued to specified limits with new U674 gaskets. MX performed IAW the CMA M-0 MM CH 6-4.

Installed new induction air filter with new Bracket p/n BA-24 and secured.

Stop drilled minor crack in forward RH engine baffle IAW AC 43.13-1B Section 4.

Maintenance performed in accordance with Model SR-22/22T AMM, IO-550 Series MX Manual M-16 and CMA Manual M-O. Post inspection full power ground run and operational check performed with all indications normal and no defects or leaks noted.

SIGNATURE: Oscar Ama Oscar ama, FAA AUTHORIZATION: 2726741 A&P





Total Time Overhaul Date Min Min Hours

Hours

Time Since Last 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 Rulletins



C

Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935

Registration: N225CF	ENGINE LOG
Date: 12/4/2023	W/O: 80002109
Model: IO-550-N(70B)	Fit Hobbs: 473.7 Hobbs: 643.7
S/N: 1040034	TSMOH: 473.7

Complied with an Annual inspection IAW 14 CFR 43 Appendix D in reference to the Cirrus Aircraft SR-22/22T AMM annual inspection checklist CH 5-20 & Precise Flight ICA. AD's researched thru T-Data content revision 2023-25, see attached AD compliance list for details.

AD 23-17-04, STC F&M or Stratus oil filter adapter fiber gasket oil loss is N/A by no F&M or Status oil filter adapter installed. No further action required.

AD 2023-05-16, CAT crankshaft counterweight inspection is N/A by engine S/N (1040034) as listed in Appendix 1 of the CAT MSB23-01A dated 2/2023. No further action required

AD 2023-02-12, SAP cylinder intake valve failure is N/A by no SAP cylinders installed. No further action required. AD 2023-09-09, Failure of spot welded V-Band clamps is N/A by aircraft is non-turbo and no V-band clamps are installed. No

further action required. Complied with 300-hour fuel injector cleaning. Removed all fuel injectors and ultra-sonic cleaned in Hoppe's solvent. Reinstalled injectors with new copper washer p/n X1473 qty.6, new O-rings p/n 630979-9 qty.6, new rubber washer p/n 640612 qty.6, washer p/n 628556 qty. 6. Torqued to specification. Leak check satisfactory. MX performed IAW the CMA M-8 chapter 10-3.

Compressions checked in accordance with CMA M-0 Section 6-4.11.2; 1-68, 2-70, 3-68, 4-72, 5-76, 6-68 / 80 (Warm). Master orifice reading 46 psi. Borescope inspection performed IAW Section 6-4.11.3, all cylinders found to be serviceable at this time. Removed gascolator assembly. Cleaned and inspected screen with no contamination noted. Re-assembled gascolator with new

O-ring seals p/n MS29513-137 and stat-o-seal p/n NAS1523-8B. Leak check satisfactory.

Drained oil thru 1000 micron screen. Took Blackstone oil sample to send for analysis. Removed oil filter and cut and inspected for metal contamination, filter normal. Removed engine drain plug to inspect for metal, no metal noted. Reinstalled drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n CH48108-1. Serviced engine with 8 quarts Phillips XC 20W-50 oil. Mx performed IAW the Cirrus SR22/22T AMM CH 12-10 & Continental IO-550 Series Manual M-16, and Continental CSB07-01A dated 9/2/2020.

Cleaned, gapped, tested and rotated all spark plugs. Re-installed and torqued to specified limits with new U674 gaskets. MX performed IAW the CMA M-0 MM CH 6-4.

Installed throttle quadrant friction lock washer p/n NAS1149D0416J, MX performed IAW Cirrus SR22/22T MM Chap. 76-00. Removed RH forward baffle. Installed new baffle p/n 15487-011 with existing hardware. MX performed IAW Cirrus SR22/22T Chap. 72-00

Removed Adel clamp from engine drain and replaced with new Adel clamp p/n MS21919WDG12. MX performed IAW Cirrus SR22/22T Chap.71-72.

Removed Fwd. spinner baffle and replaced with new baffle p/n 15480-005. MX performed IAW Cirrus SR22/22T Chap. 72-00 Removed starter and existing O-ring P/N AS3578-038. Reinstalled same starter in existing serviceable condition with new O-ring P/N AS3578-038. Operational and leak checks normal. MX performed IAW Cirrus SR22/22T AMM Chapter 80-10. Installed new induction air filter with new Bracket p/n BA-24 and secured.

Maintenance performed in accordance with Model SR-22/22T AMM, CMA IO-550 Series OHL manual M-16 and CMA Manual M-

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-Hour inspection and was determined to be in airworthy condition

SIGNATURE: Matthew Hatfield

FAA AUTHORIZATION:

2766522 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935

	Registration: N225CF	ENGINE LOG			
	Date: 12/14/2023	W/O: 80002178			
	Model: IO-550-N(70B)	Fit Hobbs: 473.7 Hobbs: 644.4			
j	S/N: 1040034	TSMOH: 473.7			

Removed engine from cradle mount to further replacement of firewall forward electrical harnesses. Engine re-installed in existing serviceable condition using new locking hardware. Removal and installation performed IAW SR22/22T AMM CH 71-00. Removed existing starter P/N PM2407 S/N H-U081684. Installed new starter p/n 646275-1 s/n H-D-132133. Torqued attaching hardware to specified limits. Operational check normal. MX performed IAW CAT M-0 CH 17-8

Removed existing ALT-1 P/N ES-10024 S/N H-X070643 and replaced with new alternator P/N ES-10024 S/N H-X091999, transferred existing serviceable drive coupling. Installed alternator with new flange gasket P/N 653981. Torqued alternator to specified limits. Installation performed IAW CAT M-18 MM Chapter 10-5.

Maintenance performed in accordance with Model SR-22/22T AMM, CMA IO-550 Series OHL manual M-16 & CMA Manual M-O. Post maintenance full power ground run and operational check performed with all indications normal, no defects or leaks noted

SIGNATURE: Matthew Hatfield



FAA AUTHORIZATION:

2766522 IA





megal 6	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		-				



MARCH 18, 2024

ENGINE MODEL: 10-550-N ENGINE S/N: 1040034 ENG. TT: 523.2 ENG TSO: NEW REG. #: N225CF S/N: 22-4993 MODEL: 2021 Cirrus SR22 FLIGHT HOBBS: 523.2 HOBBS: 709.5 **ENGINE**

INSPECTIONS:

-Complied with 50 Hr. Inspection items IAW Cirrus Aircraft Maintenance Manual, Model SR22 & SR22T, P/N: 13773-002, Rev. 4, dated November 09, 2021, Chapter 05-20, Paragraph 3, Scheduled Inspection

-Complied with Engine 50 Hr. Inspection using Continental Motors Standard Practices Manual, Publication M-O, Change 4 dated June 2023, Chapter 6, Section 6-4.3, and Cirrus Aircraft Maintenance Manual, Model SR22 & SR22T, P/N: 13773-002, Rev. 4, dated November 09, 2021, Chapter 05-20, Paragraph 3, Scheduled Inspection Report. AD's & SB's:

AD research completed thru Bi-weekly 2024-05.

Researched aircraft records for applicable Cirrus Mandatory Service Bulletins that are due.

OTHER MAINTENANCE:

-Completed engine oil and filter change, installing 1 new Oil Filter P/N: AA48108-2 and 8 qts. of Phillips X/C 20W50, performed particulate inspection on filter, no discrepancies noted, IAW Continental Motors tandard Practices Manual, Publication M-O, Change 4 dated June 2023, Chapter 6, Section 6-4.8.2. Took Blackstone oil sample and sent it in for analysis. Performed engine operational and function check IAW Cirrus Aircraft Maintenance Manual, Model SR22 & SR22T, P/N: 13773-002, Rev. 4, dated November 09, 2021, Chapter 5-30, with no discrepancies noted

nd Barto - ARPS027054451A



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935

ENGINE LOG

Removed MAP sensor connector and cleaned using contact cleaner. Applied Stabilant 22 contact enhancer to connecter. Performed post maintenance ground run, MAP indications found normal. Mx performed IAW the Cirrus SR22/22T AMM, chapter

SIGNATURE: Dylan Adair

FAA AUTHORIZATION:

43300860A&P



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935

Registration: N225CF	ENGINE LOG
Date: 5/21/2024	W/O: 80002562
Model: IO-550-N(70B)	Flt Hobbs: 570.7 Hobbs: 772.4
S/N: 1040034	TSMOH: 570.7

Complied with a 100 hour inspection in accordance with 14 CFR 43 Appendix D and in reference to the Cirrus SR-22/22T Annual / 100-Hour inspection checklist CH 5-20.

AD's researched thru T-Data content revision 2024-10, see attached AD compliance list for details.

Compressions checked in accordance with CMA M-0 Section 6-4.11.2; 1-68, 2-70, 3-70, 4-71, 5-71, 6-70 / 80 (Hot). Master orifice reading 45 psi. Borescope inspection performed IAW Section 6-4.11.3, all cylinders found to be serviceable at this time.

Removed gascolator assembly. Cleaned and inspected screen with no contamination noted. Re-assembled gascolator with new o-ring seals p/n MS29513-137 and stat-o-seal p/n NAS1523-8B. Leak check satisfactory.

Drained oil thru 1000 micron screen. Took Blackstone oil sample to send for analysis. Removed oil filter and cut and inspected for metal contamination, filter normal. Removed engine drain plug to inspect for metal, no metal noted. Reinstalled drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n AA48108-2. Serviced engine with 8 quarts Phillips XC 20W-50 oil. Mx performed IAW the Cirrus SR22/22T AMM CH 12-10 & Continental IO-550 Series Manual M-16, and Continental CSB07-01A dated 9/2/2020.

Installed 1 ea. new spark plug Tempest p/n URHB32E. Cleaned, gapped, tested and rotated all remaining spark plugs. Reinstalled and torqued to specified limits with new U674 gaskets. MX performed IAW the CMA M-0 MM CH 6-4.

Removed existing #3 fuel injector line bracket and clamp and #1 cylinder injector line clamp. Installed new #3 fuel injector bracket Continental P/N 641559 and new clamps P/N 652436-1 qty 2. MX performed IAW the Cirrus SR22/22T AMM CH 28-20.

Replaced EGT sensors to #3 and #5 cylinders with new Cirrus p/n 24585-001 IAW Cirrus SR22/22T AMM CH 77-20.

Adjusted ALT-2 belt tension into allowable limits. Secured retaining bolt with safety wire. Mx performed IAW the Cirrus SR22/22T AMM, chapter 24-30

Installed new closeout spinner baffle Cirrus P/N 15490-003. MX performed IAW the Cirrus SR22/22T AMM CH 71-00.

Applied high temp RTV at cylinder #5 forward baffle to prevent chaffing. Mx performed IAW the Cirrus SR22/22T AMM, CH 20-10. Installed new induction air filter with new Bracket p/n BA-24 and secured.

Maintenance performed in accordance with Model SR-22/22T AMM, CMA IO-550 Series OHL manual M-16 and CAT Manual M-O. 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 a 100-Hour inspection and was determined to be in airworthy condition

SIGNATURE: Dylan Adair

FAA AUTHORIZATION:

4330086 A&P



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



ENGINE



ENGINE MODEL: 10-550-N ENGINE S/N: 1040034 ENG. TT: 607.0 ENG TSO: NEW REG. #: N225CF S/N: 22-4993 MODEL: 2021 Cirrus SR22 FLIGHT HOBBS: 607.0 HOBBS: 820.3

Adjusted engine idle speed IAW Continental Motors Standard Practices Manual, Publication M-O, Change 4 dated June 2023, Chapter 6-4.10.2.1. OTHER MAINTENANCE:

Chad Barta, A&P502705446HA Assisted by David Bass, A&P3406296



Glendale Aero Services 6841 N. Glen Harbor Blvd

Glendale, AZ 85307 623-414-4935

Registration: N225CF	ENGINE LOC			
Date: 8/1/2024	W/O: 80002661			
Model: SR-22	Hobbs: 834.9			
S/N: 4993	FLT Hobbs: 617.8			
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Removed fuel flow sensor Cirrus P/N 15415-004 S/N 226593. Installed a new fuel flow sensor P/N 15415-004 S/N 245314. Ground run-up, operation and leak checks were normal. MX performed IAW Cirrus SR-22/22T AMM CH. 73-20. Installed new intake manifold gasket p/n 649950 to cylinder #3 and torqued to specified limits. MX performed IAW Continental M-Installed new Fuel line clamp to cylinder #1, Continental p/n 652436-1. MX Performed IAW Continental M-16 CH 17-11.

SIGNATURE: Richard Macias

FAA AUTHORIZATION: A&P 4405965



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935

ENGINE LOG
W/O: 80002671
Hobbs: 835.7
FLT Hobbs: 618.3

Performed 50-Hr inspection IAW Cirrus SR22/22T AMM CH 5-20, drained engine oil through 1000 micron screen, removed magnetic drain plug and oil filter. Collected Blackstone oil sample and sent for analysis. No abnormal metal found on magnetic plug, reinstalled with new crush gasket p/n MS35769-11, torqued and safety wired. Performed particulate inspection of oil filter media with no defects found. Installed new oil filter p/n CH48108-1, torqued and safety wired. Serviced with 8 Qts Phillips XC 20W-50 oil. Performed Gascolator servicing, re-assembled using seal p/n NAS1523-8B and O-ring p/n MS29513-137. Post MX ground run indications normal and no leaks found. MX performed IAW SR22/22T AMM CH 5-20, CH 12-10 and Continental Manual M-16.

SIGNATURE: Kyle Brooks

FAA AUTHORIZATION: A&P 4946940



Glendale Aero Services

6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4935

Registration: N225CF	ENGINE LOG
Date: 1/24/2025	W/O: 70002868
Model: IO-550-N(70B)	Flt Hobbs: 663.4
S/N: 1040034	Hobbs: 856.3

Complied with an Annual inspection IAW 14 CFR 43 Appendix D in reference to the Cirrus Aircraft SR-22/22T AMM annual inspection checklist CH 5-2. AD's researched thru T-Data content revision 2025-01, see attached AD compliance list for details Compressions checked in accordance with CAT M-0 Section 6-4.11.2; 1-66, 2-65, 3-20, 4-66, 5-50, 6-63 / 80 (Hot). Master orifice reading 42 psi. Borescope inspection performed IAW Section 6-4.11.3, Borescope revealed cylinder #2 compression below limits, all remaining cylinders found to be serviceable at this time.

Removed #2 cylinder P/N 658815A S/N AC20JA046. Installed new cylinder P/N 658815A S/N AC24FS451. Reference FAA forms 8130-3 From Continental Aerospace Technologies under W/O's #IF5098, #IF7954 dated 1/23/25. Cylinder installed with loaded cylinder assembly kit P/N 658815A2. MX performed IAW Continental IO-550-N MM M-16 CH 12-13, 17-3.

Drained oil thru 1000-micron screen. Took Blackstone oil sample to send for analysis. Removed oil filter and cut and inspected for metal contamination, filter normal. Removed engine drain plug to inspect for metal, no metal noted. Reinstalled drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n CH48108-1. Serviced engine with 8 quarts Phillips XC 20W-50 Type M oil. Mx performed IAW the Cirrus SR22/22T AMM CH 12-10 & Continental IO-550 Series Manual M-16, and Continental CSB07-01A dated 9/2/2020

Checked magneto to engine timing and verified set to specified limits. MX performed IAW CAT M-0 Standard Practice MX and Overhaul Manual Chapter 6-4.9.1.

Installed new spark plugs p/n URHB32E qty 12 and torqued to specified limits with new U674 gaskets. MX performed IAW the CAT M-0 MM CH 6-4

Removed gascolator assembly. Cleaned and inspected screen with no contamination noted. Re-assembled gascolator with new O-ring seals p/n MS29513-137 and stat-o-seal p/n NAS1523-8B. Leak check satisfactory.

Continued... Page 1 of 2

asil su	Total	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Reco				
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part remova installation and compliance with inspections, Airworthiness Dire Special Inspections, Modifications and Service Bulletins					
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Renceition	ed and secu	rod #4 iar	sition load	with DTI	700 1111					
Replaced 9	support clips	on #1 an	d #3 fuel i	njector line	s with PN:	652436-1 Qt	y: 2. Mx perfor	SR22T AMM CH 20-00. med in reference to M-1	6 continental	
Replaced I	RH enaine b	affle with	PN: 15471	-007 My	orformed				Continental	
Adjusted a	nd applied F	RTV to RH	FWD eng	ine baffle.	Mx perfor	med IAW AC	o Cirrus SR22/ 43.13 1 B sect	ion 4.		
nstalled no	ew oil filler to	the P/N 6	49406-2 14	ith now as	alack DALC	6. MX perfori	med IAW Cirru	IS SR22/SR22T AMM CH	1 20-00.	
Forqued a	nd safety wii	red hardw	are. MX pe	erformed I	AW Contin	ental standar	practice man	nter-cylinder baffle to pre ual M-0 CH 10-12, 10-1	vent chaffing.	
nstalled no	ew safety wi	re on Al T	2 helt ten	cion holt B	AV	ivix periorme	a IAW Contine	ental MM Standard pract	ices CH 6 4	
Maintenan	ce performe	d in accor	dance with	Model CI	2 22/20T A	MAN CONTINUE	JIIIUS SR22/22	1 AMM CH 24-30.		
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