

Continental Motors

SAA PRODUCTION CERTIFICATE NO. 508

Printed:02/01/2017

Test Date 02/01/2017

Was manufactured by Continental 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)

	Total 7	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
	ENGINE MODE ENGINE S/N REG NO N9 WORK ORDE	1033678 27CR		CIRRUS	Cirrus Design Factory Service Center Repair Station No YD5R855Y 4961 Airport Road Duluth, MN 55811 Phone 218-788-3049 DATE 3/10/2017 A/C TSN 56 ENG IT 56 FLIGHTTIME 56
	Engine Er (2) Adjusted good.		ning on both	magnetos t	o CMI specification of 24 degrees BTDC IAW CMI MM M-18. Ops and Leak checks
	details of this	work order a	this aircraft and accordance wi re on file at thi	d the accomp th current req s Certified Re	hanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified juirements of the Federal Aviation Administration and is approved for return to service. Pertinent epair Station CRS YD5R855Y
	DATE: 3/10	/2017	SI	GNED:	Work Order: DLH18650-03-2017
			Jo: Ce	seph Sullivan ertified Repair	Station No YD5R855Y Printed by EBis 3 (datcomedia.com)
	1	+	1	1	
MODEL Cirrus SIN 150 REG. NO N92	00		818-782-747 7240 HAYVENHURST		DATE 27-Mar-17 W O # 803055 TACH 26.1
ENG MOD ENG TSN			LOGBO	OK INSE	FNG S/N
1 Oil and filter ch	anged 8 ats Phi	illins XC 20W5	SINGLE ENG	BINE	ENG CSO
I certify that with resp accordance with curre	ect to the work p	erformed, this	aircraft/engine/p	in the SHOP C	nce was repaired and inspected in Order have been inspected and found to be
Airworthy and Return	ed to Service. No	o other represe	entations concer	ning Airworthine	ess are expressed or implied
William P. Noctor	Mill	4.	lin		27-Mar-17
CRS # 1MER	830B				Date
			4.000		
S/N	SR22T 1500 N927CR	ENGI	818-782 7240 HAYVENH VAN NUYS, CALI NELOGE	URST AVENUE FORNIA 91406	DATE 7-Apr-17 W0 # 803070 HOBBS 52.2 ENG S/N S E R T ENG CSN
ENG TSO	and all and files	obonos Filtos	SINGLE		ENG CSO
taken.					th 8 quarts of Phillips XC 20W50, oil analysis
accordance with	current FAA regu	lations. Only t	hose items spec	ified in the SHO	pliance was repaired and inspected in DP Order have been inspected and found to be thiness are expressed or implied
William P. No	777	Elsan C	Mu		7-Apr-17 Date
CRS # 1M					
	1	1			
			- 10	-	AATHE
62.201	7 98.	3	· · · · · · · · · · · · · · · · · · ·	MODEL S/N	SR22T AVIATION DATE 2-Jun-17
	1	** 1		REG. NO. ENG MOD	N927CR 7240 HAVENINGS PLACE TACH 98.3
	5.0			ENG TSN ENG TSO	ENGINE LOGBOOK INSERT ENGINE
				-	SINGLE ENGINE ENG CSO
					complished oil and filter change. Filter P/N CH48108-1 and serviced with 8 quarts of Phillips XC 20w50. leak check
		-	3.	of the Fe	hat this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations deral Aviation Administration and is approved for return to service with respect to the work performed.
			1 - 8-	_	-
				Signatur	
					RS# 1MER830B
				-	

MODEL	SR22T		AVIATI	ER ON DATE W.O.#	3-Jul-17 803169	Record
S/N	1500		818-782-7473	TACH	148.1	emoval and
REG. NO.	N927CR		40 HAYVENHURST PLACE NUYS, CALIFORNIA 91406	ENG S/N		 s Directives.
ENG MOD			LOGBOOK INS	ERT ENG CS		- -
ENG TSN		ENGINE	SINGLE ENGINE	ENG CS	80	
ENG TSO						
takar	n		48108-1. Serviced with 8 cooper was repaired and inspect approved for return to se	ected in accordance	with current	
Signature CRS#	Noctor Alla	In Phlo		Date	3-Jul-17	-
CERTIFICA	TE#					
S R R E E E E E E E E E E E E E E E E E	taken pertify that this aircraft and / or	component identified above was repa	PAGE TACH A \$1408 ENG SAN O O K IN SERT ENG CSN NE ENG CSN ENG CSO ENG CSO ENG CSO ENd	urrent Regulations		
l of	the Federal Aviation Administ	ration and is approved for return to se	rvice with respect to the work performed			
Sig	filliam P. Noctor 2/10 gnature CRS# 1MER830B RTIFICATE #	Mar O. Mr.	31-	Jul-17		
MODEL S/N REG. NO. ENG MOD ENG TSN ENG TSO	SR22T 1500 N927CR 243.6	AVIA AB 187-782-7473 7240 HAVYENHURST PLACE VAN NUSS, CALVORNA 9 9 1400 ENGINE LOGBOOK I SINGLE ENGINE	W.O. # . 803 TACH 24 ENG S/N	ig-17 240 3.6		
1 Acc	complished oil and filter chang	ge. Filter P/N CH48108-1 and service	d with 8 quarts of Phillips XC 20w50			
of the Fe	nat this aircraft and / or compor deral Aviation Administration a	nent identified above was repaired and nd is approved for return to service wit	inspected in accordance with current Ro h respect to the work performed.	gulations		
	2//	11				
William Signature	P. Noctor White	1-m	18-Aug-17			
1	S# 1MER830B		Date			
9-19-	2017	change oil	falter no a	wtel into	N E etszam	rayla
		1 pertus	ua D Wash	Out Jana	18 ni-	SOX/C
		July 2711	LI I DATE	right 185	Ranok	
		hobbs: 374.3	1 ad 1 298.3	Mula	Mosell Hy	3761349
11 71	n		1	Ú		
10-31-	//	Many ,	ock afelter	watel u	estall Gost	7
		Zowsox	1/c I restra	maria. O	1121h	
		tondo	- OF	years 1	Con Cupino	
		ness Ka	ace /	ander files	ATP346	1399
		hobby -	144.0 Tack	356.7		

	Total	Time		nce Last rhaul	Linginie dei vide una maniferation
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 -		-			·
2				-4	WIZURHB3ZE spark pluce
12-19-17		re	more,	nola	Helte or mila from contact
		4	pli	ROWS	Oxk 1-48/10-2 feltywosherpen
		-	test	Ran	Of me had florel HYP 326 4779
			70.27	700	hobbs: 485.2 Tach: 313.2
1-16-2018			remo	ve	+ install migneto fest sill
			BL 6	00556	-101 time may bestand
					MUMA JANESTA
					hobbs 496.2 Tach 401.16
					MATHER 15-Mar-18
	-			MODEL S/N	SR22T AVIATION DATE 15-Mar-18 1500 W.O.# 803471 W.O.# 803471 N927CR 7240 HAYVEHRURST PLACE TACH 450.5
				REG NO ENG MOD ENG TSN	VAN MUYS, CALIFORNIA 91406 ENG S/N ENGINE LOGBOOK INSERT ENG CSN
				ENG TSO	SINGLE ENGINE ENG CSO
	-			•	plished oil and filter change. Filter P/N CH48108-1 and serviced with 8 quarts of Phillips XC 20w50 — this aircraft and / or component identified above was repaired and inspected in accordance with current Regulations at Aviation Administration and is approved for return to service with respect to the work performed.
	-		-	of the Peder	
				William P.	Noctor Miller / Mills Date 15-Mar-18
				CRS#	1MER830B TE#
				ı	MATHER
			-	MODEL	SR22T AVIATION DATE 10-Apr-18 803479 WO # 803479 HORBS 473.5
			_	REG. NO	N927CR
			 	ENG TSN	SINGLE ENGINE ENGIGE
				1000 DOMESTIC CO.	ad with an annual inspection ad, cleaned and reinstalled all fuel injectors
				3 Remove	ad and installed new gaskets P/N 658735 on # 2,4,5,6 cylinders ad and replaced #5 fuelinjector clip P/N 652436-1
				5 500 hou	r RH magneto inspection, work performed by Aero Accessories
				I cortify this ai	esion test #1 64/80 #2 68/80 #3 66/80 #4 66/80 #5 68/80 #6 64/80 rcraft/engine/propeller has been inspected IAW current Federal Aviation Regulations part 43 appendix "D" (annual
				or 100 hour) in	spection. Only the items specified in the Shop Order have been inspected and found to be Airworthy and ervice. No other representations concerning Airworthiness are expressed or implied.
					Noctor Man 10-Apr-18 Date
					MER830B
	Hobbs	Tach		CERTIFICATE	N - 2
5-2-2018	614.2	494.4			Accomplished oil and fifter change.
					Accomplished oil and fifter change. Filter PN! CH48108-1 and serviced with 8 quarts of Phillips XC 20w 50. Atl 3180466 / Millips XC 20w 50.
					8 quarts of Phillips XC 20w 50.
			1903 B		ALD ZIRAULI ALIMANIA

ervice and Maintenance Record nance actions including engine part removal and Channel Islands Aviation 305 Durley Avenue, Camarillo, CA 93010 compliance with inspections, Airworthiness Directives FAA Repair Station DDER146D ons, Modifications and Service Bulletins Model: TCM TSIO-550-K1B Ser. # 1033678 Reg: # N927CR Hobbs: 727.1 Date: 07/31/2018 Flight: 587.4 Drained oil, removed and inspected filter, no contaminants found. Oil sample taken and sent for analysis. Serviced with 8 qts. Phillips XC20W50 oil and new filter P/N CH48108. Post run and leak checks good. The applicable work performed IAW manufacture specifications. All pertinent data on file under WO 19544. I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service. Ron Stepka, Authorized Inspector F.A.A. Repair Station #DDER146D Channel Islands Aviation 305 Durley Avenue, Camarillo, CA 93010 FAA Repair Station DDER146D Ser. # 1033678 Model: TCM TSIO-550-K1B Reg: # N927CR Hobbs: 737.0 Flight: 595.0 Date. 08/06/2018 Performed 50 Hour servicing IAW Cirrus SR22T Maintenance Service Manual and Continental TSIO-550-K Operators Manual Sect. 2. The applicable work performed IAW manufacture specifications. All pertinent data on file under WO 19544 I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service. Ron Stepka, Authorized Inspector F.A.A. Repair Station #DDER146D **Channel Islands Aviation** 305 Durley Avenue, Camarillo, CA 93010 FAA Repair Station DDER146D Model: TCM TSIO-550-K1B Ser. # 1033678 Reg: # N927CR Hobbs: 805.6 Flight: 648.5 Date: 11/21/2018 Performed 50 Hour servicing IAW Cirrus SR22T Maintenance Manual and CMI TSIO-550-K Operators Manual Sect. 2. Drained oil, removed and inspected filter. No contaminants found. Serviced with 8 quarts of Phillips XC 20-50 mineral oil and new oil filter P/N: CH48108-1. Oil sample taken and sent for analysis. Post run and leak checks good. Removed and inspected all spark plugs and fuel injector nozzles. Cleaned tested and gapped spark plugs, reinstalled using (12) new washers, P/N: M674, re-torqued spark plugs to proper torque. Cleaned injector nozzles and verified correct location, reinstalled injectors using new o-rings, (12) PN 630979-9 new washers P/N: X1473 (6), and new washers Compression test: #1 40/80, #2 63/80, #3 60/80, #4 60/80, #5 64/80, #6 62/80, master orifice 43/80 Removed #1 cylinder and piston assembly. Replaced with new cylinder and valve assembly, PN 658595A3. The applicable work performed IAW manufacture specifications. All pertinent data on file under WO 19661. I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.

4

Ron Stepka, Authorized Inspector F.A.A. Repair Station #DDER146D

				305 Durley	annel Islar Avenue, (Repair Stat	Camaril	lo, CA 9	3010		ecord
	Reg: # N927CR Date: 01/23/2019		F	odel: TCM 1 ight: 683.7	SIO-550-P	(1B		Ser. # 103	56.0	Directives,
fi	Performed 50 Hou Drained oil, remov ilter P/N:CH4810 Installed new EGT	8-1 . Post r	IAW Cirru pected filt	er. No contain	ninants fot od	Manua und. Se	l and Cl rviced w	ALTOLO FEO IC	Operators Manual Sect. 2. Phillips 20W50 oil and new oil	
-	The applicable wo All pertinent data certify that the al	on file unde	er WO 197	35			e airwor	thy, and is appre	oved for return to service.	
Ë	Bruce Hatch, Auth	norized Insp tion #DDEF	pector R146D							
				10 10 10 10 10		127			V 1905	_
				305 Durley	nnel Islan e Avenue, Ca epair Statio	amarillo	, CA 93	010		
	Reg: # N927CR Date: 02/27/2019	, , , , , , , , , , , , , , , , , , ,		odel: TCM Tight: 701.8			11100	Ser. # 1033 Hobbs: 883		
F	Replaced all spa	ark plugs			32E (12).			110000		
Ĩ	Richard Skorpen, F.A.A. Repair Sta	Authorized	Inspector	_	ected, four	nd to be	airworth	y, and is approv	ed for return to service.	
S/N RE EN EN	DDEL SR227 N 1500 EG. NO. N927C NG MOD NG TSN NG TSO	R	ENGINE	818-782-7473 7240 HAYVENHURST F VAN NUYS, CALIFORNIA LOGBOOC SINGLE ENGIN	91406 KINSEI		DATE W.O. # HOBBS ENG S/N ENG CSN ENG CSO	3-May-19 803982 988.1		
	1 Complied with an	•	tion			T	ACH 7	02.0		
(a aı	2 12 month fuel inje 3 Removed and rep (Overhauled) 4 Accomplished oil 5 Compression test certify this aircraft/engiannual or 100 hour) ins nd Returned to Service William P. Noctor	laced starter F and filter chan #1 72/80 #2 6 ne/propeller happection. Only t	ge. Filter P/N 60/80 #3 58/8 as been inspe he items spec	CH48108-1 and 0 #4 60/80 #5 54 cted IAW current ified in the Shop	serviced with 8 /80 #6 54/80 Federal Aviatio Order have be	8 quarts of on Regulat en inspect	f Aeroshell tions part 4 ed and fou implied.	100W plus		
and and	CRS# 1MER83	0B								
-										
-										
-		1								

	Total	Time	Time Sind Overh		Engine Service and Main	tenance Reco
Date	Hours	Min	Hours	Min	Record maintenance actions including einstallation and compliance with inspections Special Inspections, Modifications and Servi	s, Airworthiness Directi
rried forward -		-				
And And	(6)	<u>→</u>	MODEL S/N REG. NO. ENG MOD ENG TSN ENG TSO	SR22T 1500 N927CF	RIB-782-7473 7240 HAYVENHURST PLACE VAN NUYS, CALIFORNIA 91406 ENGINE LOGBOOK INSERT SINGLE ENGINE	DATE 30-May-19 W.O. # 804008 FLIGHT 825.2 ENG S/N ENG CSN ENG CSO
			I certify that thi Regulations of Nicholas Ma	is aircraft a the Federa	and filter change. Filter P/N CH48108-1 and serviced with 8 quartind / or component identified above was repaired and inspected in al Aviation Administration and is approved for return to service with	accordance with current
			timing. C	ok at this tir	ENGINE LOGBOOK INSERT SINGLE ENGINE tout left and right magnetos for repair by Aero Accessories. Rein: me nd / or component identified above was repaired and inspected in	accordance with current
			William P. I	Noctor	al Aviation Administration and is approved for return to service with	21-Jun-19 Date
			MODEL (S/N REG. NO. ENG MOD ENG TSN ENG TSO	Cirrus SR2 1500 N927CF	818-782-7473	DATE 9-Jul-19 W.O.# 804044 HOURS 873.7 ENG S/N ENG CSN ENG CSO
			I certify that wi accordance wi Airworthy and	th respect to th current F Returned to	hanged filter with 8 qts Phillips 20W50. Ran and leak checks oke to the work performed, this aircraft/engine/propeller/appliance was FAA regulations. Only those items specified in the SHOP Order has o Service. No other representations concerning Airworthiness are	repaired and inspected in ve been inspected and found to le expressed or implied.
			Nicholas G Signature CRS # 1 CERTIFICATE	WER830	B)	9-Jul-19 Date
						-

	A N	1ATHEE	2	
MODEL SR22T S/N 1500	818-78:	VIATIOI	DATE 18-Jun-01 804069	- <i>Maintenance Record</i>
REG. NO. N927CR ENG MOD	7240 HAYVENI VAN NUYS, CALI		HOBBS 927.1 ENG S/N	
ENG TSO	ENGINE LOGE SINGLE		ENG CSN ENG CSO	luding engine part removal and spections, Airworthiness Directives,
1 Accomplished oil and filter c	hange. Filter P/N CH48108-1	and serviced with 8 gua	rts of Phillips XC 20w50	and Service Bulletins
I certify that this aircraft and / or con Regulations of the Federal Aviation	mponent identified above was	renaired and inspected in	accordance with current	
		o to rotalli to service wi	irrespect to the work performed.	
William P. Noctor	6.Mm		26-Jul-19	
CRS# 1MER830B CERTIFICATE #			Date	
OEKIN ICATE #	. 1	7		
I certify that this aircraft and	ENGINE L SII filter change. Filter P/N CH48	ve was repaired and inspi	ENG CSO	77
Nicholas Martin	4 / Het	_	5-Aug-19	
Signature CRS# 1MER830B CERTIFICATE #	2		Date	
OLIVIII IOATE#				
ENGINE MODEL TSION ENGINE S/N 1033678 REG NO N927CR WORK ORDER DLH19	m.2	Cirrus Design Fa Repair Station No YD5F 4961 Airport Road Duluth, MN 55811 Phone 218-788-3049	actory Service Center R855Y	DATE 9/17/2019 A/C TSN 1028 9 ENG TT 1028 9 FLIGHTTIME 1028 9
Engine Entries				
AA48108-2. Perform discrepancies noted.	ed particulate inspection of Work accomplished in acc	n old filter and found no cordance with Cirrus A	V50 engine oil, Replaced oil filte o unusual contamination, Leak o ircraft SR-22T AMM chapter 12- ution of Cylinder Assemblies IAW	check performed with no
was repaired/inspected in		rements of the Federal Av	The aircraft, airframe, aircraft engine liation Administration and is approved Y	
DATE: 9/17/2019	SIGNED: Joseph Sullivan	out y hil		ork Order: DLH19564-09-2019
		ration No. YD5R855Y	Printe	d by EBis 3 (datcomedia.com)
		1		Reserve (I)
t D AERO	2	& D Aero Service	Inc. Desirios	4
	Reg: N927CR Make:	Continental Mo	odel: TSIO-550-KL(1B) SN	1033678
Date: 9/10/201: Installed using 658088, lock ta M-18. Engine te	F Removed #5 cyl and in new EX push rod PN bs PN 501868, rocker (HOBBS: 1273.5 F replaced with new of 652451-7, rocker a covers and gaskets aks and found ok for	LIGHT: 1025.8 Eyl and valve assy SN AC19 erm shaft PN's 656642, ne New push rod seals. Instart return to service. CW SB18	EA886 from Continental. W lifter PN's 658077 and
			Jerry L. Densmore A&P2	611966

	Total Time	Time Si Ove	nce Last rhaul	Record maintenance actions including engine part removal are maintenance with inspections, Airworthiness Directive
Date	Hours Mi	n Hours	Min	Record maintenance actions including engine part removal as installation and compliance with inspections, Airworthiness Directive special Inspections, Modifications and Service Bulletins
			,	MATHER 16-Oct-19
Carried forward -		MODEL	SR22T	AVIATION W.O.# 804165
		S/N REG. NO.	1500 N927CR	7240 HATYENHURST PLACE FLIGHT 7089.8 VAN NUYS, CALIFORNIA 91406 ENG S/N
		ENG MOD		- FNOINE LOGBOOK INSERT ENGCSN
		ENG TSN		SINGLE ENGINE ENGINE
		ENG 150		ter change. Filter P/N CH48108-1 and serviced with Phillips XC 20w50
		1 Accomplis	shed oil and fi	ter change. Filler F/N O 140 100 Y allo 30 100 100 100 100 100 100 100 100 100
		and and an area	fuel injectors	
		3 Removed	and replaced	#1 and #3 valve cover gaskets r/M 000770 or component identified above was repaired and inspected in accordance with current or component identified above was repaired and inspected in accordance with current or component identified above was repaired and inspected in accordance with current
		Regulations of the	ne Federal Av	or component identified above was repaired and inspected in accordance with control attended attended and inspected in accordance with control attended atte
				1 11 1
		Markalan Mor	tin //	16-Oct-19
		Nicholas Mar Signature	. /	Date
		CRS# 1M	ER830 B	
		CERTIFICATE #		
				_
N 652451-7. Replaced a IAW SB 96-7C and all wo I SB 18-08 on cylinders heck ok.	orked done IAW m 1,2,3,4,and 6. #5	iaintenance and cylinder was PC	d O/H	rods with P/N 652451-7. Replaced all gaskets and o-rings with new. Torqued all fasteners IAW SB 96-7C and all worked done IAW maintenance and O/H manual. Run up and leak check ok. I Archuleta A&P 2737991IA
I Archuleta	A&P 2737991IA	1		- TAICHUICEU MAI 2507332IM
	I	I I		
			'	
			SR22T	MATHER AVIATION DATE 19-Mar-20
		MODEL		818-782-7473 W.O.# 804217
		S/N	1500	4440.7
		REG NO.	1500 N927CR	7240 HAYVENHURST PLACE FLIGHT 1118.7
		REG. NO. ENG MOD		4440.7
		REG NO.		7240 HAYVENHURST PLACE FLIGHT 1118.7 VAN NUYS, CALIFORNIA 91406 ENG S/N
		REG NO. ENG MOD ENG TSN ENG TSO	N927CR	7240 HAYVENHURST PLACE FLIGHT 1118.7 VAN NUVS, CALIFORNIA 91406 ENG S/N ENGINE LOGBOOK INSERT ENG CSN SINGLE ENGINE ENG CSO
		REG NO. ENG MOD ENG TSN ENG TSO 1 Removed a AC20AA04	nnd replaced #	7240 HAYVENHURST PLACE FLIGHT 1118.7 VAN NUYS, CALIFORNIA 91406 ENG S/N ENGINE LOGBOOK INSERT ENG CSN
		REG NO. ENG MOD ENG TSN ENG TSO 1 Removed a AC20AA04	nnd replaced #	T240 HAVVENHURST PLACE VAN NUYS, CALIFORNIA 91406 ENG S/N ENG IN E LOGBOOK INSERT ENG CSN SINGLE ENGINE ENG CSO F2,3,4,6 cylinders P/N 658815A #2 S/N : AC19LA825, #3 S/N: AC19LA303, #4 S/N 19LA813. Run up checks ok component identified above was repaired and inspected in accordance with current
		REG NO. ENG MOD ENG TSN ENG TSO 1 Removed a AC20AA04	nnd replaced 9, #6 S/N: AC ircraft and / oie Federal Avia	T240 HAVVENHURST PLACE VAN NUYS, CALIFORNIA 91406 ENG S/N ENG IN E LOGBOOK INSERT ENG CSN SINGLE ENGINE ENG CSO F2,3,4,6 cylinders P/N 658815A #2 S/N : AC19LA825, #3 S/N: AC19LA303, #4 S/N 19LA813. Run up checks ok component identified above was repaired and inspected in accordance with current
		REG NO. ENG MOD ENG TSN ENG TSO 1 Removed a AC20AA04 I certify that this a Regulations of the	nnd replaced # 9, #6 S/N: AC in Federal Avia	T240 HAVVENHURST PLACE VAN NUYS, CALIFORNIA 91406 ENG S/N ENGINE LOGBOOK INSERT ENG CSN SINGLE ENGINE ENG CSO 12,3,4,6 cylinders P/N 658815A #2 S/N : AC19LA825, #3 S/N: AC19LA303, #4 S/N 19LA813. Run up checks ok component identified above was repaired and inspected in accordance with current tion Administration and is approved for return to service with respect to the work performed.

MAKE: Continental Model: TSIO-550-K1B

Serial Number: 1033678

Reg. Number: N927CR Field Service #: FST20-0067



8220 Fuller St. Casper, Wy. 82604 307-401-0990 DATE: 04/05/2020

A/C TSN: 1143.6

ENG TT: 1143.6

ENG TSMOH: N/A

Flt. Hobbs Time: 1143.6

1) Drained Mineral Oil and removed the oil filter. Cut open oil filter and inspected for contamination, none noted at this time. Installed new oil filter P/N: AA48108-2 and serviced engine with 8 Qts of Phillips 20W50XC Engine oil. Performed engine run for oil leaks and none noted at this time. Next Due @ 1193.6. 2) Troubleshot and Inspected #2 Alternator and no defects noted with Alternator found Alt. #2 belt loose tightened belt as needed in REF. with Cirrus SR22T Maintenance Manual Chapter 24-30. Ops checked good at this time. 3) Removed propeller to Replace TKS Slinger Ring. Reinstalled Propeller in REF. with Cirrus SR22T Maintenance Manual Chapter 61-10. Performed engine run for propeller leak check. No leaks noted at this time.

Kevin L. Haggard

rd This I thought

A&P3050389 Date: 04/05/2020

MAKE: Continental Model: TSIO-550-K1B

Serial Number: 1033678

Reg. Number: N927CR

Field Service #: N927CR060820



8220 Fuller St. Casper, Wy. 82604 307-401-0990 DATE: 07/22/2020

A/C TSN: 1212.7 Flight Hobbs: 1212.7

ENG TT: 1212.7

ENG TSMOH: N/A

1) Complied with Engine 100 Hr./Annual Inspection in REF. with Cirrus SR22T Maintenance Manual Inspection Checklist and FAR 43 Appendix (d) as a guide. 2) Complied with AD and SB Research using TDATA by-weekly through 07/22/2020. See compliance records with aircraft logs. 3) Complied with SB2X-71-33 Continental Motors Service Document MSB18-08B per Detailed SB instructions. New Cylinders were previously installed. No defects noted at this time. No further action required. 4) Drained Engine oil and removed oil filter. Cut open oil filter and inspected for contamination, none noted at this time. Installed new oil filter P/N: AA48108-2 and serviced engine with 8 Qts of Phillips 20W50XC engine oil. Performed leak check and no leaks noted at this time. 5) Performed cylinder compression checks as required. Master Orifice: 44 psi, #1) 71/80, #3) 66/80, #5) 74/80, #2) 74/80, #4) 73/80, #6) 70/80. 6) Removed, Cleaned, Inspected, Gapped and Tested Spark Plugs. All 12 Spark Plugs were worn to limits and failed resistance check. Installed 12 new spark plugs as needed, in REF, with Champion Aviation Service Manual AV6-R and Continental TSIO-550 Maintenance Manual (M-0) Appendice B-3. 7) Removed and Replaced RH intercooler SCAT tubing as needed. 8) Removed, Cleaned and Inspected all 6 Injectors as required and Reinstalled in REF. with Continental Fuel Injector Maintenance Manual (FI-2 & M-0) No further action required at this time. 8) Inspected and Tested Exhaust system as needed, no defects noted at this time. 9) Removed #1 Alternator and replaced Alternator mounting gasket as needed. 10) Removed both LH & RH Magnetos for 500 Hr. Inspection. See Magneto logbook entries from repair facility. Reinstalled both magnetos as needed as well as the Magneto Filter and performed Magneto to Engine timing. No further action required at this time. 11) Performed verification of Engine mount bolt torques as required. No defects noted torques were good. 12) Removed and replaced engine fuel drain hose as needed due to chaffing. 13) Removed AC compressor drive housing garlock seal as needed due to leaking. 14) Removed and replaced LH AFT Engine baffle as needed 15) Removed and replaced RH Engine cooler Baffle as needed 16) Removed and replaced RH FWD Engine baffle as needed. 17) Tightened Fitting on Turbo Oil Inlet line 18) Removed gascolator cup and inspected screen and cleaned as needed. Reinstalled cup using new O-Ring and Stat-O-Seal as required.

Kevin L. Haggard This I deputed

A&P3050389 Date: 07/22/2020

July 9, 2020 Tach: 12/2, 7

S6RSC-25P P/N: 10-500556-101, S/N: D16LA036

Performed 500-hr inspection in accordance with Continental Ignition Systems Manual, PN 3420224, dated October 2018. Magneto disassembled, cleaned, inspected, and reassembled with new contact, condenser, distributor gear kit, felts, wear washers, drive seal, slinger, and all 100% epigeentent parts. Impulse coupling disassembled, cleaned, inspected, and resembled with new spring. Bench tested magneto in accordance with Paragraph 3.2 and found output to meet or exceed all published minimums. This magneto is in compliance with all applicable ADs and Service Bulletins and is approved for return to service/as an uninstalled part.

Paul A. Brevard Selled

212668035IA

July 9, 2020 Tach: 17/2, 子

S6RSC-25P P/N: 10-500556-101, S/N: D17KA124R
Performed 500-hr inspection in accordance with Continental Ignition
Systems Manual, P/N K42002-4, dated October 2018. Magneto
disassembled, cleaned, inspected, and reassembled with new contact,
condenser, distributor gear kit, felts, wear washers, drive seal, slinger,
and all 100% eplacement parts, impulse coupling disassembled,
cleaned, inspected, and resembled with new spring. Bench tested
magneto in accordance with Paragraph 3.2 and found output to meet or
exceed all published minimums. This magneto is in compliance with all
applicable ADs and Service Bulletins and is approved for return to
service as an unjustabled part.

Paul A. Brevard 212668035IA

MAKE: Continental Model: TSIO-550-K1B

Serial Number: 1033678

Reg. Number: N927CR Field Service #: N927CR072420



8220 Fuller St. Casper, Wy. 82604 307-401-0990

DATE: 07/24/2020 A/C TSN: 1218.8

ıd

Flight Hobbs: 1218.8

ENG TT: 1218.8 ENG TSMOH: N/A

1) During Post runs found RH TIT Probe Inop. Removed and Replaced RH TIT Probe as needed in REF. with Cirrus SR22T Maintenance Manual Chapter 77-20. Performed Engine run and Ops checked good at this time. 2) Removed, Cleaned Inspected and reinstalled #2 Fuel Injector due to #2 EGT running 200 Degrees cooler than the other 5 EGT's. Performed engine run and EGT is in line with all other EGT's. All work performed in REF. with Continental TSIO-550-K1B Fuel Injector Manual (FI-2) and Maintenance Manual (M-0) Appendix B-3. No further action required at this

A&P3050389 Date: 07/24/2020

MAKE: Continental Model: TSIO-550-K1B

Serial Number: 1033678

Reg. Number: N927CR

Field Service #: N927CR081820



8220 Fuller St. Casper, Wy. 82604 307-401-0990

DATE: 08/19/2020

A/C TSN: 1226.3 Flight Hobbs: 1226.3

ENG TT: 1226.3 ENG TSMOH: N/A

1) Removed damaged #2 Alternator housing and Installed new Housing as needed in REF, with Cirrus SR22T Maintenance Manual Chapter 71-00. No further action required at this time.

Kevin L. Haggard

A&P3050389 Date: 08/19/2020

October 12 2020

N927CR Cirrus SR22T S/N: 1500

Continental TSIO-550-K(1B) S/N 1033678

Flight Meter: 1249.0



Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516

 Removed and cut filter. Inspected filter element for contamination, none noted. Installed new CH48108-1 oil filter. Performed run up leak check.

3. Performed cylinder compression test: #1 65/80 #2 72/80 #3 72/80 #4 70/80 #5 72/80 #6 71/80. Master Orifice 50. Borescoped cylinders for defects, none noted. -----END-----

> Terrill Shafer AP2860279IA



November 3, 2020

Cirrus SR22T S/N 1500

TT 1256.6

N927CR

Continental TSIO-550-K1B

S/N 1033678

TT 1256.6

Oil and filter changed. Filter cut and inspected for metal with none found. New AA-48108-2 filter installed and safetied. (7) qts Phillips 20W50 X/C oil added with Camguard. #6 Sceet tube on Lt intercooler replaced. Engine ran and developed rated Hp. Aircraft returned to service.

John Pruden A&P 3503331

Cirrus Authorized Service Center

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ENGINE S/N	DEL TSIO550K 1033678 127CR ER KTYS25598		CIRI	114 C	TUS Factory Service Center A/C TSN: 1323 8 In Station No. 9B0R988C ENG TT. 1323 8 ENG TT. 1323 8 TSMOH TSMOH ENG TSN: 1323 8 TSMOH ENG TSNOH ENG TSN: 1323 8 TSMOH ENG TSNOH ENG TSN	
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			MM M-0. n inspected	in accordance	ce with an annual inspection and was determined to be in an airworthy	
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Hours Min Hours Min Record maintenance actions including engine part remore installation and compliance with inspections, Airworthiness D Special Inspections, Modifications and Service Bulletins of Special Inspections, Modifications, Modifications and Service Bulletins of Special Inspections, Modification	eco
Tennessee Aircraft Services, Inc. 2313 Technology Center Drive Jackson, TN 38301 731-424-7227 Installed new Continental magnetos model S6RSC-25P p/n 10-500556-1 and timed to 24 degrees per engine data plate. Left s. D21HA166 and right s/n D21JA141. Engine ground check run satisfactory. Work Order Work Order)ırecti
D21HA166 and right s/n D21JA141. Engine ground check run satisfactory. Work Order:	2022 344.0
Signed:	
New Paul, A&P, IA: 3017596	8805
D. C. C.	
P.F.flyens	
EST.1999	
12-29-2021 Cont. TSIO550K S/N 1033678 HT:1674.9 FT: 1354.1 N927CR	
Performed engine operational and function check IAW Cirrus AMM 5-30. Drained engine	
oil and serviced with 8 qts of Phillips X/C 20W50 and cam guard. Replaced oil filter with	
new oil filter P/N AA48108-2. Performed particulate inspection on filter, no discrepancies	
noted. Run up and leak checks performed with no discrepancies noted. Performed engine	
cylinder borescope, no defects noted. Adjusted fuel system IAW TCM SID 97-3F and Cirrus	
Fuel Pump Set up. All work accomplished IAW Cirrus AMM 12-10 and Continental M-0 Manual.	
Chester B Matthew A&P 3077146	
Authorized Cirrus Service Center	

	Total	Time	Time Si Ove	nce Last rhaul	Liigiiio Goi tite assa	
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	Porf	ormed ei	ngine oper	ational ar	nd function check IAW Cirrus AMM 5-30. Drained engine	
	oil, s	ample ta	ken and se	erviced w	ith 7 qts of Phillips X/C 20W50 and cam guard. Replaced	
					A48108-2. Performed particulate inspection on filter,	-
					nd, filter element sent off for analysis. Run up and leak	
					pancies noted. Performed engine cylinder borescope,	
					tric driven fuel pump P/N off C18050-2B8, S/N 220421. p P/N 5271-00-9, S/N on 9838. Operational and leak checl	
					n set up IAW TCM SID 97-3F and Cirrus Fuel Pump	K
					W Cirrus AMM 12-10, 28-20 and Continental M-0 Manual	
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	C/W	Cirrus SR	22T fuel p	ump set i	up. Verified fuel system pressures, idle rpm, and mixture	•
	rise. N	No discre	pancies no	oted. All w	vork accomplished IAW Cirrus AMM 73-20.	
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					rive gear inspection. Inspection found no	
	di	iscrepand	cies. Alter	rnator re	installed using new gasket, P/N 653981.	
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Engine Service and Maintenance Record Time Since Last **Total Time** Overhaul Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives. Special Inspections, Modifications and Service Bulletins Date Min Hours Min Hours Carried forward Southeast Aero Services Inc. St Augustine, FL. Phone (904) 824-1899 SN:1500 N927CR 20 FEB 2023 FLT:1425.3 SN:1033678 TSIO-550-K(1) Removed Cylinder #1 and installed new Cylinder and Valve Assembly (Shop Release #:493698) (PN: 658815A1)(Form 8520-02 Provided to Owner). Installed new Exhaust Valve Rocker Assembly (PN:658745)(8130-3 Provided to Owner). Serviced engine with 7 quarts of mineral oil and installed new oil filter (after the first 25 hours of engine operation. When oil consumption has stabilized, replace the mineral oil with ashless dispersant aviation engine oil). Performed an "Engine Operational Check" according to instructions in Section 6-4.7 of M-0, Standard Practice Maintenance Manual. Ops Check good. No defects noted. Performed all work IAW TSIO-550 Permold Series Engine Maintenance and Overhaul Manual, M-0 Standard Practice Maintenance Manual, and FAR 43.13. Cristofer Goodin A&P3883011 DATE: September 20, 2023 Engine REG. NO: N927CR FLIGHT: 1444.2 MAKE CONT MOTOR HOBBS: 1789.9 Tennessee Aircraft Services, Inc. MODEL TSIO-550-K1B 2313 Technology Center Drive N 1033678 Jackson, TN 38301 731-424-7227 1. Performed 100 hour inspection with reference to FAA CRS 43 Appendix D. 2. Drained engine oil and took sample for analysis. Removed oil filter and opened for inspection with no discrepancies noted. Installed new filter and serviced engine with oil. Engine ground check run satisfactory, P/N Oil Analysis Kit - Blackstone, P/N AA48108-2 - Filter, (8) P/N Phillips XC 20W50 - Oil 3. Compressions: 1- 68/80, 2-71/80, 3-64/80,4-61/80,5-72/80 & 6-60/80. Master orifice 44/80. Performed engine cylinder borescope inspection with no discrepancies noted. 5 Spark plugs removed, cleaned, inspected, gapped, resistence check, ops checked and reinstalled with new gaskets. (12) P/N 6. Installed new o-ring on the starter in accordance with Continental Maintenance Manual M-0 Appendix B Table B-2 and B-3. P/N AN4027-1 - washer. AS3578-038 - o-ring, Starter (TCM). 7. Timed left magneto to 24° BTC in accordance with Continental Maintenance Manual M-0 Chapter 6-4..9.1.2. 8. Timed right magneto to 24° BTC in accordance with Continental Maintenance Manual M-0 Chapter 6-4,9.1.2. Work performed by Rukang Chikomb and Steve Hooten Work Order: 9127 Signed: Houten, Steven, AEP IA: 3531330 N927CR Date: 04/30/2024 A/C TT: 1490.4 Hobbs: 1846.8 model: TSIO550K1B

Hobbs: 1846.8
Engine make: Continental
S/N: 1033678
SPECIAL SERVICES CORPORATION
Engine TT: 1490.4
TSNEW: 1490.4
TSNEW: 1490.4

Took a S.O.A.P. sample and sent the sample to the laboratory. Serviced with 7 quarts of Phillips 20W50-X/C oil. Replaced the oil filter with a new filter, P/N 48108-2. Engine ran to check for oil leaks.

Work was also performed by Christopher Nelson.

Ronald Allen Campbell A&P 001959044

Total Time

Time Since Last Overhaul

Engine Service and Maintenance Record

wo: 24-189

C

Engine page 1 of 1

tives.



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N927CR ETT: 1539.1

CONTINENTAL, TSIO-550-K, S/N: 1033678 FLIGHT: 1539.1

November 22, 2024

- 1. Performed a 100HR Inspection in this engine in accordance with Continental TSIO-550K Service Manual
- Drained oil and inspected filter, no metal found. All work done IAW Cirrus SR22T AMM Chapter 12-10. 3. Serviced with 8 qts. Phillips XC 20W-50 & added 12oz. of Avblend oil treatment. All work done IAW
- 4. Installed New tempest Oil Filter P/N: AA48108-2. All work done IAW Cirrus SR22T AMM Chapter 79-20. Compressions as follows: #1: 72/80, #2: 70/80, #3: 70/80, #4: 62/80, #5: 70/80 & #6: 68/80. MO: 44. All work done IAW Teledyne Continental M M-0.
- Removed fuel injectors, cleaned and reinstalled with new gaskets and orings. All work done IAW Tele-
- 7. Retighten valve covers screws and ran engine, found no leaks. All work done IAW Teledyne Continental
- Complied with Blackstone oil sample kit procedure and sent out for analysis. Performed a satisfactory operational check, no leaks or defects noted at this time. All work done IAW Cirrus SR22T AMM Chapter 5-30 & Teledyne Continental MM M-18

 10. AD's checked through 2024-23. see listing.

I certify that this Engine has been inspected in accordance with 100 HR Inspection and has been determined to be in Airworthy condition at this time.

Jesus Perez A&P 4519731

