N444KK2023 Cirrus SR22T

Engine Logbooks



MSN: SR22T-9584

Prepared by the worldwide aviation specialists at RidgeAire, Inc.



ENGINE LOG BOOK

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 USE OF AUTOMOTIVE FUEL IS PROHIBITED



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 10/14/2023

Test Date:10/14/2023

This engine model TSI0550K2B, serial number 1046248 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)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Reco		
	Hours	Min	Hours	Min	Record maintenance actions including engine part removal installation and compliance with inspections, Airworthiness Directors Inspections, Modifications and Service Bulletins		
	2/17/202	C/W WITH AND ENG	AN OIL H 8 QTS. INSTALL INE RUN	CHANG OF AERG ED NEW CHECK	GR22T/9584 HOBBS: 32.4 TACH: 25.2 ES/N: 1046248 GE ,DRAIN OIL AND REMOVED OIL FILTER, SERVICE OSHELL 100W AND 1 PINT OF CANGUARD OIL ADDITIVE OIL FILTER WITH P/N: CH48108-1, PERFORMED AN OK. I FOUND THIS AIPLANE SAFE TO RETURN TO SERVICE PERFORMED. A/P MIGUEL H. FLORES 460991570		
		oi	l filter w	ith p/n: (I an engi	hange drail oil and removed odl oil filter,installed CH48108-1 and service with 8qts. Of aeroshell 100 plus ine run, check ok. I found it safe to return to service		
		or	aly on the	e work p	A/P Miguel H. Flores 460991570		
TSIC ENC REC	GINE MODEL: 0550K2 GINE S/N: 104624 S. NO: N444KK RK ORDER:		1. I. S.	Houston A 2888 Hwy 6 S ugar Land, TX	Aviation Center, LLC Siste 113		
TSII ENC REC WO 6710	0550K2 GINE S/N: 104624 G. NO: N444KK		1. I. S.	Houston A	Aviation Center, LLC Siste 113		
FIGURE CONTROL	0550K2 SINE S/N: 104622 SINE S/N: 104624 RK ORDER: 6-08-2024 gine Entries tht Meter: 108.2) der compression 1, 3/74, 4/74, 5/70 1). Installed new dd Continuous Flot factory. Serviced	Performed I check Ref. 6/75 over 5 oil filter P/n w Fuel Injed gascolator	Engine 100 HI TCM SB03-3, 30 PSI. Perfor AA48108-2 a	Jouston A 2888 Hwy 6 S ugar Land, TX hone: 281–494 using differen med borescop nd serviced er	Aviation Center, LLC Siste 113		
TSIC ENC REC WO 671I En; (Flig cylim 2/72 take teste satis Main	0550K2 Sisto K2 Sisto K3 104624 Sisto K3 104624 Sisto K3 104624 Sine Entries th Meter: 108.2) ider compression alore 37 10474 alore 474, 5/70 n). Installed new id Continuous Floratory. Serviced internance Release aircraft and/or co	Performed I check Ref. 6/75 over 1 oil filter P/n w Fuel Injeu gascolator	Engine 100 HF TCM SB03-3, 30 PSI. Perfor AA48108-2 au tion system p IAW Cirrus A	Houston A 2888 Hwy 6 S ugar Land, TX hone: 281-494 using differen med borescop nd serviced er er Continental MM 28-20. Ch	AVIation Center, LLC Stat 113 AVIATION CONTROL OF CON		
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FIGURE IN THE INTERPOLATION OF T	O550K2 JINE S/N: 104622 JINE S/N: 104624 RK ORDER: 6-08-2024 gine Entries JINE En	Performed I check Ref. 6/75 over 1 oil filter P/n w Fuel Injeu gascolator	Engine 100 HI TCM SB03-3, 80 PSI. Perfor AA48108-2 a ction system IAW Cirrus A	Houston A 2888 Hwy 6 S ugar Land, TX hone: 281–494 using different med borescop nd serviced er er Continent MM 28-20. Ch as repaired an ertinent details	A/P Miguel H. Flores 460991570 Aviation Center, LLC Stat 113 K. 77498 USA A-5800 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a Hobbs: 135.3 AW CDC SR22T AMM 5-20 and Co		
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	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record		
Date	Hours	Min	Hours	Min	installation and complian	ctions including engine part remo ce with inspections, Airworthiness D ifications and Service Bulletins	
arried forward -		-					
ENGINE M TSIO550K2 ENGINE S/ REG. NO: 1 WORK OR	2B N: 1046248 N444KK DER:		12888 F Sugar L	ton Aviat Hwy 6 S Ste 1 and, TX 7749 281-494-5800	8 USA	DATE: 1/10/2025 A/C TSN: 145.3 ENG TT: 145.3 HOBBS: 183.2	
Engine	Entries						
cylinder co with results Installed ne per Continusing new satisfactory 2500, adjut GPH IAW (SPECIAL I IAW Cirrus gaskets P/ 649954 an operationa	mpression che e as follows: #1, ew oil filter P/n ental Aerospac o-rings P/n 630 y. Inspected in sted idle mixtur Cirrus AMM 73 NSPECTION, e AMM CH 5-20 n 653487 and	ck Ref. Conti 170, 274, 3/7 AA48108-2 & De Technologi 1979-9. Clea take and exh re rise to 30 f -20. Perform due at first ar J. No discrep P/n 654012. gneto timing i found satisfa	rental Aerospo- rental Aerospo- rental Serviced et es M-18. Rem ned, gapped a aust system fo RPM and idle sed operational nnual, and eve hancies noted. Ran engine an	6/72 over 80 ingine with 8 Coved and cleared (11 in leaks. Oper speed to 820 in check and for ry 500 hrs. the Next due Flight checked for additional checked for a cover section of the checked for a	PSI. Drained oil and inspected oil filter tts. Phillips X/C 20W-50. Inspected and aned all fuel injector nozzles. Reinstall 5 spark plugs. Installed new #1 lower sy ational check satisfactory. Checked Al RPM, Ref. Continental Aerospace Techund satisfactory Performed Engine Nereafter, by verifying torque on engine int Meter: 645.3 Installed new A/C of leaks Removed #3 intake tube and	Aerospace Technologies M-0. Performed a n tester with a calibrated orifice value of 46 PSI for contaminants (Blackstone oil sample taken). It tested Continuous Flow Fuel Injection system ed fuel injectors in their designated positions park plug P/n URHB32E. Function check Ds thru BW 2025-01 Adjusted takeoff RPM to inologies M-0. Decreased max fuel flow to 39 dount Weldment and Lower Mount Attach Fittings mount weldment and lower mount attach fittings, ompressor drive garloc seal P/n 25102 with new RH magneto. Installed new magneto gasket P/n and reinstalled #3 intake tube. Performed	
Maintenar	ce Release						
The aircrai and was for 2024.	ft and/or compound Airworthy	onent(s) on N for return to	1444KK was re service. Pertin	paired and/or ent details of	inspected in accordance with current r the repair are on file at Houston Aviation	requirements of the Federal Aviation Regulations on Center, LLC under Work Order No. 6773-12-	
DATE: 1/	/10/2025		SIGNED:		2-21-	Work Order: 6773-12-2024	_
			Fouad Hussai	n, A&P: 3204	361 IA	Printed by EBis 3 (datcomedia.com)	
4/1		R/R M. S/N: ON	ANIFOLD I B2025,	PRESSU S/N: OF		SS: 231.8 TACH: 184.9 LLED NEW P/N: 12-635-003 FE TO RETURN SERVICE	
						0/2	
					A/P MIGUEL	H. FLORES 460991570	
					A/P MIGUEL	H. FLORES 460991570	
					A/P MIGUEL	H. FLORES 460991570	
ENGINE MODE TSI0550K2B ENGINE S/N: 1 REG. NO: N444 WORK ORDER 6859-04-2025	046248 4KK	0	12888 Hwy	6 S Ste 113 TX 77498 U	Center, LLC	DATE: 4/25/2025 A/C TSN: 188.7 ENG TT: 188.7 HOBBS: 237.3	
TSI0550K2B ENGINE S/N: 1 REG. NO: N444 WORK ORDER	046248 4KK	0	12888 Hwy Sugar Land	6 S Ste 113 TX 77498 U	Center, LLC	DATE: 4/25/2025 A/C TSN: 188.7 ENG TT: 188.7	
TSI0550K2B ENGINE S/N: 1 REG. NO: N444 WORK ORDER 6859-04-2025 Engine Ent (Flight Meter: 11 engine 50 hr. in	046248 HKK dries 88.7) Performe spection IAW (Cirrus AMM 5 8108-2 and s	12888 Hwy Sugar Land, Phone: 281- ecton/service -20 and Continerviced with 8	6 S Ste 113 , TX 77498 US 494-5800 interval. Perfinental M-O. [qts. Phillips X	ormed engine operational and function prained oil and inspected filter for conta	DATE: 4/25/2025 A/C TSN: 188.7 ENG TT: 188.7 HOBBS: 237.3	
TSI0550K2B ENGINE S/N: 1 REG. NO: N444 WORK ORDER 6859-04-2025 Engine Ent (Flight Meter: 11 engine 50 hr. in Installed new oi AMM 12-10 and Maintenance Ro	046248 4KK 88.7) Performs spection IAW (I filter P/n AA44 I Continental A elease	Cirrus AMM 5 8108-2 and s erospace Te	12888 Hwy Sugar Land, Phone: 281- ecton/service -20 and Contin erviced with 8 chnologies Sta	6 S Ste 113 , TX 77498 U: -494-5800 interval. Perf- nental M-0. E qts. Phillips X Indard Practic	ormed engine operational and function prained oil and inspected filter for conta //C 20W-50. Ran engine and checked es M-0.	DATE: 4/25/2025 A/C TSN: 188.7 ENG TT: 188.7 HOBBS: 237.3 check IAW Cirrus AMM 5-30, and performed aminants (Blackstone sample taken).	
TSI0550K2B ENGINE S/N: 1 REG. NO: N444 WORK ORDER 6859-04-2025 Engine Ent (Flight Meter: 14 engine 50 hr. in Installed new oi AMM 12-10 and Maintenance Re The aircraft and and was found of	046248 4KK 88.7) Performe spection IAW (I filter P/n AA44 I Continental A elease l/or component Airworthy for re	Cirrus AMM 5 8108-2 and s erospace Ter ((s) on N444k eturn to service	12888 Hwy Sugar Land, Phone: 281- ecton/service -20 and Contin erviced with 8 chnologies Sta	6 S Ste 113 , TX 77498 U: -494-5800 interval. Perf- nental M-0. E qts. Phillips X Indard Practic	ormed engine operational and function prained oil and inspected filter for conta //C 20W-50. Ran engine and checked es M-0.	DATE: 4/25/2025 A/C TSN: 188.7 ENG TT: 188.7 HOBBS: 237.3 check IAW Cirrus AMM 5-30, and performed aminants (Blackstone sample taken). for leaks. All work accomplished IAW Cirrus	
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	D. f	Total	Time		nce Last rhaul	Engine Service and Maintenance Rec			
Date		Hours	Min	Hours	Min	Record maintenance actions including engine part installation and compliance with inspections, Airworthine Special Inspections, Modifications and Service Bulletins	removal ss Directi	aı ve	
arrie	Doward								
	TSIO550K2		Sign 187	Hous	ston Avia	tion Center, LLC DATE: 9/9/202 A/C TSN: 236.		ī	
	ENGINE S/ REG. NO: I WORK OR	N: 1046248 N444KK DER:	The same of the sa	Sugar L	Hwy 6 S Ste 1 and, TX 7749 281-494-580	113 ENG TT: 236. 98 USA HOBBS: 295.	3 _	_	
	6924-08-20 Engine						-		
0	2/66, 3/70, taken). Inst	mpression check 4/72, 5/70, 6/70 talled new oil fi inuous Flow Fu	ck Ref. TCM 0 over 80 PS Iter P/n AA4 uel Injection	I SB03-3, using SI. Performed to 8108-2 and ser system per Co	differential co corescope of rviced engine ntinental Aero	CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a compression tester with a calibrated orifice value of 46 PSI with results as follows: #1/70 all cylinders. Drained oil and inspected oil filter for contaminants (Blackstone sample e with 7 Qts. Phillips X/C 20W-50. Ran engine and checked for leaks. Inspected and ospace Technologies M-18. Cleaned, gapped and tested all spark plugs. Function checked ADs thru BW 2025-18.			
_	Maintenand	e Release					-	_	
	The aircraft and was for 2025.	and/or compoi and Airworthy fo	nent(s) on N or return to s	1444KK was rep service. Pertine	paired and/or ent details of t	inspected in accordance with current requirements of the Federal Aviation Regulations the repair are on file at Houston Aviation Center, LLC under Work Order No. 6924-08-			
	DATE: 9/9	9/2025		SIGNED:	2	Work Order: 6924-08-2025	<u> </u>		
				Joseph Wiley H	Harrison, A&P		_		
	ENGINE MO		Will Fr	Hous	ton Aviat	tion Center, LLC DATE: 9/9/2025			
	TSIO550K2 ENGINE S/I	N: 1046248		No.	lwy 6 S Ste 1	A/C TSN: 236.3			
	REG. NO: N	1444KK	Contract N						
	WORK ORD				and, TX 7749 281-494-580	98 USA HOBBS: 295.4			
	WORK ORD 6924-08-203	DER: 25			and, TX 7749 281-494-5800	98 USA HOBBS: 295.4			
	6924-08-20. Engine E (Flight Mete	DER: 25 Entries r: 236.3) Remo	oved ALT1 a	Phone:	281-494-5800	98 USA HOBBS: 295.4			
	Engine E (Flight Mete Maintenance The aircraft	DER: 25 Entries r: 236.3) Remo	nent(s) on N	Phone:	w ALT1 gaske	98 USA HOBBS: 295.4			
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