

N444KK

2023 Cirrus SR22T

Engine Logbooks



MSN: SR22T-9584

Prepared by the worldwide aviation specialists at RidgeAire, Inc.



CONTINENTAL

A E R O S P A C E T E C H N O L O G I E S

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 Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
2/17/2024	N444KK S/N: SR22T/9584 HOBBS: 32.4 TACH: 25.2 ES/N: 1046248 C/W AN OIL CHANGE ,DRAIN OIL AND REMOVED OIL FILTER, SERVICE WITH 8 QTS. OF AEROSHELL 100W AND 1 PINT OF CANGUARD OIL ADDITIVE AND INSTALLED NEW OIL FILTER WITH P/N: CH48108-1,PERFORMED AN ENGINE RUN ,CHECK OK. I FOUND THIS AIPLANE SAFE TO RETURN TO SERVICE ONLY ON THE WORK PERFORMED.				 A/P MIGUEL H. FLORES 460991570
6/15/2024	N444KK S/N: 9584 MODEL SR22T HOBBS: 95.9 TACH: 77.2 Performed an oil change drail oil and removed odl oil filter,installed oil filter with p/n: CH48108-1 and service with 8qts. Of aeroshell 100 plus performed an engine run, check ok. I found it safe to return to service only on the work performed.				 A/P Miguel H. Flores 460991570
<div><div><div>ENGINE MODEL: TSIO550K2 ENGINE S/N: 1046248 REG. NO: N444KK WORK ORDER: 6716-08-2024</div><div><div>Houston Aviation Center, LLC 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA Phone: 281-494-5800</div></div><div>DATE: 9/9/2024 A/C TSN: 108.2 ENG TT: 108.2 HOBBS: 135.3</div></div><div>Engine Entries (Flight Meter: 108.2) Performed Engine 100 HR Inspection IAW CDC SR22T AMM 5-20 and Continental Aerospace Technologies M-0. Performed a cylinder compression check Ref. TCM SB03-3, using differential compression tester with a calibrated orifice value of 46 PSI with results as follows: #1/75, 2/72, 3/74, 4/74, 5/70, 6/75 over 80 PSI. Performed borescope of all cylinders. Drained oil and inspected oil filter for contaminants (Blackstone sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 7 Qts. Phillips X/C 20W-50. Ran engine and checked for leaks. Inspected and tested Continuous Flow Fuel Injection system per Continental Aerospace Technologies M-18. Cleaned, gapped and tested all spark plugs. Function check satisfactory. Serviced gascolator IAW Cirrus AMM 28-20. Checked ADs thru BW 2024-18.</div><div>Maintenance Release The aircraft and/or component(s) on N444KK was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6716-08-2024.</div><div>DATE: 9/9/2024 SIGNED:  Benny Mai, A&P: 4657721 Work Order: 6716-08-2024 Printed by EBis 3 (datcomedia.com)</div></div>					

Date	Total Time		Time Since Last Overhaul		<h2 style="margin: 0;">Engine Service and Maintenance Record</h2> <p style="margin: 0;">Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hours	Min	Hours	Min	
Carried forward →					
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ENGINE MODEL: TSIO550K2B ENGINE S/N: 1046248 REG. NO: N444KK WORK ORDER: 6773-12-2024</p> </div> <div style="width: 30%; text-align: center;"> Houston Aviation Center, LLC 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA Phone: 281-494-5800 </div> <div style="width: 30%; text-align: right;"> <p>DATE: 1/10/2025 A/C TSN: 145.3 ENG TT: 145.3 HOBBS: 183.2</p> </div> </div>					
<p>Engine Entries</p> <p>(Flight Meter: 145.3) Completed a 100 HR/Annual Inspection Ref. CDC SR22T AMM 5-20 & Continental Aerospace Technologies M-0. Performed a cylinder compression check Ref. Continental Aerospace Technologies M-0, using differential compression tester with a calibrated orifice value of 46 PSI with results as follows: #1/70, 2/74, 3/72, 4/68, 5/72, 6/72 over 80 PSI. Drained oil and inspected oil filter for contaminants (Blackstone oil sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 8 Qts. Phillips X/C 20W-50. Inspected and tested Continuous Flow Fuel Injection system per Continental Aerospace Technologies M-18. Removed and cleaned all fuel injector nozzles. Reinstalled fuel injectors in their designated positions using new o-rings P/n 630979-9. Cleaned, gapped and tested (11) spark plugs. Installed new #1 lower spark plug P/n URHB32E. Function check satisfactory. Inspected intake and exhaust system for leaks. Operational check satisfactory. Checked ADs thru BW 2025-01.... Adjusted takeoff RPM to 2500, adjusted idle mixture rise to 30 RPM and idle speed to 820 RPM, Ref. Continental Aerospace Technologies M-0. Decreased max fuel flow to 39 GPH IAW Cirrus AMM 73-20. Performed operational check and found satisfactory.... Performed Engine Mount Weldment and Lower Mount Attach Fittings, SPECIAL INSPECTION, due at first annual, and every 500 hrs. thereafter, by verifying torque on engine mount weldment and lower mount attach fittings, IAW Cirrus AMM CH 5-20. No discrepancies noted. Next due Flight Meter: 645.3.... Installed new A/C compressor drive gario seal P/n 25102 with new gaskets P/n 653487 and P/n 654012. Ran engine and checked for leaks.... Removed #3 intake tube and RH magneto. Installed new magneto gasket P/n 649954 and adjusted magneto timing to 24 deg. BTC. Installed new intake manifold gasket P/n 649950 and reinstalled #3 intake tube. Performed operational and leak and found satisfactory.... I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.</p>					
<p>Maintenance Release</p> <p>The aircraft and/or component(s) on N444KK was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6773-12-2024.</p>					
DATE: 1/10/2025		SIGNED:		Work Order: 6773-12-2024	
		Fouad Hussain, A&P: 3204861 IA		Printed by EBis 3 (datcomedia.com)	
<p>4/14/2025 N444KK S/N: 9584 MODEL; SR22T HOBBS: 231.8 TACH: 184.9</p> <p>R/R MANIFOLD PRESSURE REGULATOR INSTALLED NEW P/N: 12-635-003</p> <p>S/N: ON B2025, S/N: OFF F1023.I FOUND IT SAFE TO RETURN SERVICE</p> <p>ONLY ON THE WORK PRFORMRD.</p> <div style="text-align: right; margin-top: 20px;"> A/P MIGUEL H. FLORES 460991570 </div>					
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ENGINE MODEL: TSIO550K2B ENGINE S/N: 1046248 REG. NO: N444KK WORK ORDER: 6859-04-2025</p> </div> <div style="width: 30%; text-align: center;"> Houston Aviation Center, LLC 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA Phone: 281-494-5800 </div> <div style="width: 30%; text-align: right;"> <p>DATE: 4/25/2025 A/C TSN: 188.7 ENG TT: 188.7 HOBBS: 237.3</p> </div> </div>					
<p>Engine Entries</p> <p>(Flight Meter: 188.7) Performed 50 hr. inspection/service interval. Performed engine operational and function check IAW Cirrus AMM 5-30, and performed engine 50 hr. inspection IAW Cirrus AMM 5-20 and Continental M-0. Drained oil and inspected filter for contaminants (Blackstone sample taken). Installed new oil filter P/n AA48108-2 and serviced with 8 qts. Phillips X/C 20W-50. Ran engine and checked for leaks. All work accomplished IAW Cirrus AMM 12-10 and Continental Aerospace Technologies Standard Practices M-0.</p>					
<p>Maintenance Release</p> <p>The aircraft and/or component(s) on N444KK was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 6859-04-2025.</p>					
DATE: 4/25/2025		SIGNED:		Work Order: 6859-04-2025	
		Joseph Wiley Harrison, A&P: 4941368		Printed by EBis 3 (datcomedia.com)	

