

1/29/2018

**CIRRUS**

Service Center

**SERVICE P**

- ★ - Released with
- ★ - Released with
- - Upgrade Kit

**Document**

SB2X-03-01R6  
SB2X-03-02R1  
SB2X-03-03R5  
SB2X-03-04R3  
SB2X-03-05R3  
SB2X-03-06R3  
SB2X-03-07R2  
SB2X-03-09R4  
SB2X-03-11R3  
SB2X-03-13R3  
SB2X-03-15R2  
SB2X-03-17  
SB2X-03-18

SB2X-21-05 20

SB2X-22-07R1

SB2X-22-08

SB2X-23-03R

SB2X-23-05

SB2X-27-10R

SB2X-27-17

A2 SB2X-28-11

SB2X-28-12

R1 SB2X-32-21R

SB2X-32-22R

SB2X-32-23R

SB2X-33-07R

REG. NO.: N333LZ  
MAKE: Continental  
MODEL: TSIO-550-K1B  
S/N: 1005244



**Engine**  
**Tennessee Aircraft Services, Inc.**  
2313 Technology Center Drive  
Jackson, TN 38301  
731-424-7227



DATE: March 3, 2021  
Engine TT: 1217.9  
FLIGHT: 1217.9

- C. 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. (8) Phillips XC 20W50 - Oil, (1) Oil Analysis Kit - Oil Analysis Kit, (1) AA48108-2 - Filter.  
3. Compressions: 1- 52, 2-52, 3-70, 4-52, 5-46 & 6-55. Master orifice 42/80.  
4. Performed engine cylinder borescope inspection with no discrepancies noted.  
5. Exhaust system pressure tested and inspected with discrepancies noted.  
6. Spark plugs removed, cleaned, inspected, gapped, resistance check, ops checked and reinstalled with new gaskets.  
7. AD2020-16-11 amendment 39-21195 effective date September 21, 2020 complied with by stamping the number 1,2, and 5 cylinders per Service Bulletin (MSB) 18-08 paragraph III (6). No further action required.  
8. Installed new starter in reference to Cirrus maintenance manual 80-10 and Continental Maintenance manual M-0 appendix B table B-2 and B-3. (1) PM2407 - starter, S/N: H-U12148.  
9. Timed right mag to 24.3 degrees BTDC and left mag to 24.1 degrees BTDC in reference to continental M-0 Chapter 6-4.9.1.2.  
10. Cleaned and reinstalled fuel injector on cylinder #3 with new seal and o-rings with reference to Continental M-0 section 10-2.3. (1) X1473 - Washer, (2) 630979-9 - Seal-O Ring, (1) 640612 - WASHER, (1) 649950 - gasket  
11. Installed new engine baffle directly aft of the propeller in reference to Cirrus MM 71-00 page 33 (2)(b). (1) 15480-005 - Spinner Closeout Baffle.  
12. Installed overhauled prop governor with reference to Cirrus MM chapter 61-20 page 5 (2). (1) S-1-44F - prop governor, S/N: GB47NJ.  
13. Applied RTV to cylinder #2 induction tube to ensure contact would not occur and installed clamps on cylinder #4 induction tube to reposition the fuel lines.  
14. Torqued all induction clamps to 35 in lbs.  
15. Installed two new spark plugs in the top ports of the number 2 and 4 cylinders. (2) URHB32E - SPARK PLUG.  
16. Installed overhauled left turbocharger in reference to Cirrus maintenance manual 81-20 page 2. (2) (1) 646677 - turbocharger assy, S/N: HOG100072.  
17. Installed new number one alternator in reference to Cirrus MM 24-30 page 14(4). (1) 656802 - Alternator, S/N: H-U081885, (1) 630691 - Thrust Washer for Alternator.  
18. Installed new alternator #2 belt in reference to Cirrus MM chapter 24-30 page 20 (f) (g) (h) (i). (1) C-3317-228 - Prop Seal, (6) A-2044 - nut, (6) A-1381 - washer, (1) 657970 - alternator belt.  
19. Applied RTV to the forward side of plug 103 and 107 on the aft engine baffling.

Signed:

[Redacted Signature]

Work Order: 8654

Sides, Blake, A&P IA: [Redacted]

06/22/2021 11:47

**Photo 1 – Engine logbook**

# INSPECTION RECORD F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST  
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

REG. NO.: N333LZ  
MAKE: CIRRUS DESIGN  
CORP  
MODEL: SR22T  
S/N: 0243

## Airframe



**Tennessee Aircraft Services, Inc.**  
2313 Technology Center Drive  
Jackson, TN 38301  
731-424-7227



DATE: March 3, 2021  
AFT: 1217.9  
FLIGHT: 1217.9

11. Bonded tanis power on indicator to forward right hand engine baffle.
12. Installed two new fasteners on the engine baffling.
13. Installed new upper and lower hinge segments on nose landing gear strut. (2) 26960-104 - Nose Strut Hinge Tab.
14. Installed hook and loop tape on the right hand B pillar trim.
15. Installed hook and loop tape on the left hand B pillar trim.
16. Installed new induction manifold temperature probe in accordance with AMM 77-20 paragraph H. (1) 25598-002 - Manifold Air Temp Sensor.
17. Installed new hardware on nose landing gear left and right pivot mounts with reference to Cirrus MM 32-20 page 10 (2)(c)(3) Installed (2) MS24665-210 - Cotter Pin, (2) MS17825-5 - Castle Nut, (4) AN960-516 - WASHER(NAS1149F0563P, (2) AN5-24 - Bolt.
18. SB2X-53-10 complied with by removing old foam door seals and installing new door seals. (24) 52010-010 - Cabin Door Seal.
19. Installed missing fasteners on the forward portion of the engine baffle. (2) 50208-001 - Baffle Fastener, (1) 05-00753 - Red Cowling Baffle Seal 1/8 x 3 x 9, (1) 05-01236 - Baffle Fastener Female 1/8" NPT.
20. Serviced oxygen to 1600 PSI.

PAGE 2 OF 2

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

Signed:

[Redacted Signature]

Work Order: 8654

Sides, Blake, A&P IA: [Redacted]

06/22/2021 11:43

REG. NO.: N333LZ  
MAKE: Cirrus  
MODEL: SR22T  
S/N: 100524

Drained oil  
filter. Group

Signed:

Photo 2 – Airframe logbook