



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: 10/27/2021

Test Date: 10/27/2021

This engine model TSI0550K2B, serial number 1042337 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 is contained in the applicable FAA Airworthiness Directives and Bulletins.

Form 6012-03 (Rev Sept 2014)

CONTINENTAL MOTORS, INC.

Date

Total Time

Time Since Last
Overhaul**Engine Service and Maintenance Record**

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

WO: GA1838

Engine - page 1 of 1



Glencoe Aviation - 6253 Airport Industrial Blvd - GONZALES, LA 70737 - 225-460-3636

N121JB

TACH: 26.9

CONTINENTAL TSIO-550-K2B, S/N: 1042337**March 08, 2022**

1. Draine oil with sample taken and removed filter. Cut and inspected filter for particulates with no discrepancies at this time. Installed and safetied new filter. Serviced engine with 7qts of Piston Engine oil. Cleaned engine, ground run and leak check satisfactory at this time. All work accomplished in accordance with Cirrus SR22T AMM 12-10 and Continental M-0 Manual. Installed P/N GA-001-NP - Oil sample, Installed P/N CH48108-1 - Champion Oil Filter, Installed (8) P/N 20w50 - Phillips Oil.
2. Performed 25 Hr. Engine inspection in accordance with Cirrus SR22T AMM 05-20 and Continental M-0 Manual.
3. Adjusted max throttle RPM to acheive 2480-2500 RPM in accordance with Cirrus SR22T AMM 61-20 and 73-20.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Glencoe Aviation under work order: GA1838

Taylor Stringfield A/P [REDACTED]

01058 (01-11-2023)

MAKE Cirrus
MODEL SR22T
S/N 2484
REG NO N121JB

**Salty Pelican Aviation**

2511 FM 756
New Braunfels, TX 78130

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W/O # 01058
DATE 01-11-2023
A/C TT 86 00
A/C Tach 86 00
Landings
ENG TT 86 00
Engine Make Continental Motors
Engine Model TSIO-550-K

Engine Entry

(2) Performed an annual inspection of this engine in accordance with Cirrus Aircraft SR-22T AMM 05-20 inspection checklist. Compression check results: 1) 71/80 2) 72/80 3) 68/80 4) 62/80 5) 64/80 6) 66/80 Master orifice reading: 44 (10) Drained engine oil. Serviced engine with 7 quarts of Phillips XC 20W50 engine oil. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on old filter and found no unusual contamination. Leak check performed with no discrepancies noted. Work accomplished in accordance with Cirrus Aircraft SR-22T AMM 12-10 (11) Performed engine setup per Cirrus SR-22T AMM 73-20 and Continental Motors MM M-16. Post setup operational and leak check performed with no discrepancies. (16) I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

I certify that with respect to only the work performed on the above identified Aircraft, Engine, or Propeller was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IAW applicable service manuals or other approved documentation.

DATE 01-11-2023

SIGNED

George
A&P/IA [REDACTED]

WORK ORDER 01058

Printed by EBIS (EBISCloud.com)

10-14-2024

306.8

Tach

362.1

HOBBS

Removed engine (SN-1042337) Sent To

Continental Because of prop Strike

Caleb Mattox AP- [REDACTED]

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	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 →					

ENGINE MODEL
ENGINE S/N 1042337
REG NO N121JB
WORK ORDER
KTKI2662-03-2023

CIRRUS
Cirrus McKinney Service Center
Repair Station No. CDCR140E
1500 Industrial Blvd
Hangar #19
McKinney, TX 75069
Phone 469 215 4452

DATE 4/10/2023
A/C TSN 145 9
ENG TT 145 9
TSMOH
HOEBS 171 8

Engine Entries
(6) Performed a 50 HR servicing of this engine in accordance with the Cirrus Aircraft SR-22T AMM Chapter 05-20 scheduled maintenance checklist.
(7) Drained engine oil. Serviced engine with 8 quarts of Phillips 20W-50 X/C engine oil. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on old filter and found no unusual contamination. Leak check performed with no discrepancies noted. Work accomplished in accordance with Cirrus Aircraft SR-22T AMM 12-10.

I have reviewed the file on this aircraft and the engine, propeller or appliance identified was repaired/inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of this work order are on file at this Center.

DATE: 4/10/2023
SIGNED: [Redacted]
Jaryd M. [Redacted]
Certificated

Work Order: KTKI2662-03-2023
Printed by EBIS 3 (datcomedia.com)

01452 (03-21-2024)

MAKE Cirrus
MODEL SR22T
S/N 2484
REG NO N121JB
ENGINE MAKE CONTINENTAL
MOTORS
ENGINE MODEL TSIO-550-K

 **Salty Pelican Aviation**
1806 Entrance Dr
New Braunfels, TX 78130

Page 1 / 1
W/O # 01452
DATE 03-21-2024
A/C TT 288 5
A/C Tach 288 5
ENG TT 288 5

Engine Entries
(2) Performed an annual inspection of this engine in accordance with Cirrus Aircraft SR22T AMM 05-20 inspection checklist. Compression check results: 1) 68/80 2) 76/80 3) 72/80 4) 76/80 5) 72/80 6) 78/80. Master orifice reading 48. (10) Drained engine oil. Serviced engine with 7 quarts of Phillips X/C 20W-50 engine oil. Replaced oil filter with new Tempest AA48108-2. Performed particulate inspection on old filter and found no unusual contamination. Leak check performed with no discrepancies noted. Work accomplished in accordance with Cirrus Aircraft SR22T AMM 12-10. (11) Performed engine setup per Cirrus SR22T AMM 73-20 and Continental Motors MM M-16. Post setup operational and leak check performed with no discrepancies. (27) I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

I certify that with respect to only the work performed on the above identified Aircraft, Engine, or Propeller was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. [Redacted] performed IAVV applicable service manuals or other approved documentation.

DATE 03-21-2024
SIGNED: [Redacted]
George A. [Redacted]
A&P

WORK ORDER 01452
Printed by EBIS (EBISCloud.com)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	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					

DATE: February 27, 2025	ENGINE MODEL: TSIO550K2B	ENGINE S/N: 1042337	ENGINE TT: 306.8
 Continental Services Fairhope, Alabama, USA			
This engine was delivered to Continental Services for inspection due to a propeller strike. Engine disassembled, cleaned, and inspected in accordance with Continental Manuals M-18 (revision date of 11/23) and M-0 (08/24). The following serialized items were installed as replacements: magnetos (D25BA018, D25BA015), camshaft (AG24DA525). Engine assembled in accordance with M-18 and M-0 using new seals, gaskets and "O" rings. New connecting rod bolts, nuts and bearings and crankshaft bolts and bearings installed. Applicable Service Bulletins and Airworthiness Directives have been complied with. This engine has been tested in accordance with procedures listed in M-18 and M-0 and has been accepted. I certify that this engine has been inspected and repaired as indicated above and was determined to be airworthy with respect to the work performed. Details of this repair are on record at this facility. Work Order ES-12493			
Complied with the following Service Bulletins and Airworthiness Directives: CS807-1A, M87-23, M93-4, MSB94-8D, MSB96-10B, SB18-07, SB19-07, SB22-02, SID96-6.			
MECHANIC		ER853B	9CER853B

3311-01-2025 (04-11-2025)

MAKE: Cirrus Design Corp
MODEL: S22T
S/N: 2484
REG. NO: N121JB
ENGINE MAKE: CONT MOTOR
ENGINE MODEL: TSIO-550-K

Lone Mountain Aircraft Maintenance
1241 W. Blee Rd
Hangar 1
Springfield, Ohio 45502

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W/O #: 3311-01-2025
DATE: 04-11-2025
A/C TT: 362.1
A/C Tach: 306.8
Landings:
ENG TT:

Engine Entries

Reinstalled engine (S/N-1042337) after IRAN. Performed fuel set up and engine runs. No leaks noted at this time. Work accomplished IAW Cirrus MM 71-00 and Continental MM.

DATE: 04-11-2025

WORK ORDER: 3311-01-2025
Printed by EBIS (EBIScloud.com)

3287-12-2024 (04-11-2025)

MAKE: Cirrus Design Corp
MODEL: S22T
S/N: 2484
REG. NO: N121JB
ENGINE MAKE: CONT MOTOR
ENGINE MODEL: TSIO-550-K

Lone Mountain Aircraft Maintenance
1241 W. Blee Rd
Hangar 1
Springfield, Ohio 45502

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W/O #: 3287-12-2024
DATE: 04-11-2025
A/C TT: 362.1
A/C Tach: 306.8
Landings:
ENG TT:

Engine Entries

Removed and replaced leaking oil line from oil cooler to check valve IAW Cirrus MM 79-20. No leaks noted at this time.

DATE: 04-11-2025

WORK ORDER: 3287-12-2024
Printed by EBIS (EBIScloud.com)

10667-07-2025 (09-05-2025)

MAKE: Cirrus Design Corp
MODEL: SR22T
S/N: 2484
REG. NO: N121JB



Waterford Aviation, Inc.
6548 Highland Rd
Suite 900
Waterford, MI 48327

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W/O #: 10667-07-2025
DATE: 09-05-2025
Flight: 313.9
A/C TT: 313.9
ENG TT: 313.9

Record

rt removal and
iness Directives,
is

Engine Entries

- Adjusted idle mixture and idle speed as required to spec. work done in accordance with Continental Aerospace Technologies M-0 Standard Practice Maintenance Manual Ch. 6-4.10.2. Performed post-run up and down. No leaks noted at this time.

DATE: 09-05-2025

SIGN
Ben
A&P

WORK ORDER: 10667-07-2025
Printed by EBIS (EBISCloud.com)

10667-07-2025 (09-05-2025)

MAKE: Cirrus Design Corp
MODEL: SR22T
S/N: 2484
REG. NO: N121JB



Waterford Aviation, Inc.
6548 Highland Rd
Suite 900
Waterford, MI 48327

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W/O #: 10667-07-2025
DATE: 09-05-2025
Flight: 313.9
A/C TT: 313.9
ENG TT: 313.9

Engine Entries

- Washed down engine as required. Work performed in reference to Continental Aerospace MM M-0 Ch. 12.
- Removed LH magneto, removed cylinder #4 intake pipe. Replaced LH magneto base gasket with new P/N 649954, installed magneto and time to engine as required. Installed cyl #4 intake pipe with new gasket P/N 649950. Work performed in reference to Continental Aerospace MM M-0 Ch. 10-5. & M-18 Ch. 17-9.
- Adjusted heat shield on RH turbo compressor housing to prevent it from chafing on compressor housing. Work performed in reference to Cirrus SR22T AMM Ch. 71-60.
- Drained oil, removed filter. Installed new oil filter AA48108-2. Serviced engine with 7 qts Phillips X/C 20W50 as required. Work performed IAW Continental Aerospace Technologies Manual M-0 ch 6-4.8.

DATE: 09-05-2025

SIGNED:
Zac Dunkl
A&P Num

WORK ORDER: 10667-07-2025
Printed by EBIS (EBISCloud.com)

Channel Islands Aviation
305 Durlay Avenue, Camarillo, CA 93010
FAA Repair Station DDER146D

Reg: N121JB Model: Continental TSIO-550-K Serial: 1042337
Date: 06/21/2023 Flt Hobbs: 188.6 Hobbs: 221.3

Complied with 100 hour inspection. Inspected engine and serviced IAW Title 14, CFR Part 43, Appendix D with Cirrus SR22T Maintenance Service Manual and Continental TSIO-550-K Operators Manual Section 4 checklists as guides. Compression results: #1 70/80, #2 73/80, #3 62/80, #4 65/80, #5 72/80, #6 70/80. Drained oil, obtained oil sample for analysis (Blackstone), removed and inspected filter. No defects found. Serviced engine with 8 qts of Phillips X/C 20W50 oil and new oil filter P/N: AA48108-2. Test run and leak checks good at this time. All work performed IAW Continental IO-550-K maintenance service manual. All AD's check up to 06/21/2023.

above was performed IAW manufacture specifications and current FAA regulations. All pertinent data on file under WO 21760. I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.