

ENGINE LOG BOOK



Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

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 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Motors, Inc.
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: 05/22/2019

Test Date: 05/22/2019

This engine model TSI0550K1B, serial number 1037557 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
			<p>ENGINE MODEL: TSIO-550-K ENGINE S/N: 1037557 REG. NO. 96LS WORK ORDER: 20513</p> <p>Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Main) 310-391-6293 (Avionics 310-391-0692)</p> <p>DATE: 8/20/2019 A/C TSN: 24.8 ENG TT: 24.8 FLIGHTTIME: 24.8</p> <p>removal and ss Directives,</p>
			<p>Engine Entries</p> <p>Replaced oil with 8 qts of Aeroshell 100W. AOA oil sample taken. Removed oil filter, cut open & inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up & no leaks noted. ---C/W Visual Inspection of engine & exhaust for cracks, distortion, loose or missing fasteners, leaks and general condition.</p> <p>Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.</p> <p>DATE: 8/20/2019 SIGNED: [Signature] Work Order: 20513 Shane Wilson Printed by EBIS 3 (datcomedia.com) Certified Repair Station No. YYKR678L</p>
			<p>ENGINE MODEL: ENGINE S/N: REG. NO N96LS WORK ORDER TKI0137-10-2019</p> <p>Cirrus McKinney Service Center McKinney</p> <p>DATE: 10/1/2019 A/C TSN: 52 ENG TT: 52 TSMOH: TACH: 52</p>
			<p>Engine Entries</p> <p>(9) Performed a 50 HR servicing of this engine in accordance with the Cirrus Aircraft SR-22T AMM Chapter 05-20 scheduled maintenance checklist. (10) Drained engine oil. Serviced engine with 8 quarts of Aeroshell W100S 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.</p> <p>I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R855Y.</p> <p>DATE: 10/1/2019 SIGNED: [Signature] Work Order: TKI0137-10-2019 Printed by EBIS 3 (datcomedia.com)</p>
			<p>ENGINE MODEL: TSIO-550-K ENGINE S/N: 1037557 REG. NO. 96LS WORK ORDER: 20676</p> <p>Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Main) 310-391-6293 (Avionics 310-391-0692)</p> <p>DATE: 11/21/2019 A/C TSN: 93.1 ENG TT: 93.1 FLIGHTTIME: 93.1</p>
			<p>Engine Entries</p> <p>C/W Engine Visual Inspection/Servicing in accordance with Cirrus 100Hr Demo Checklist. Visual inspected exhaust for soot, distortion and general condition.---Perform engine compression check 1) 72/80 2) 65/80 3) 70/80 4) 68/80 5) 69/80 6) 68/80 Master Orifice 44 psi.---Replaced oil with 8 qts of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut open & inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up & no leaks noted.---C/W Inspection & Cleaning of LH & RH Air Induction Engine Filters. ---Visual Inspection of induction & alternate air door for operation.---C/W 1st 100 hr Cleaning and Inspection of Fuel Injection Nozzles. Replaced fuel nozzles O-rings and gaskets w/new. Leak test checked good.</p> <p>Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.</p> <p>DATE: 11/21/2019 SIGNED: [Signature] Work Order: 20676 Kim Davidson Printed by EBIS 3 (datcomedia.com) Certified Repair Station No. YYKR678L</p>

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 →

wo: 50992NCRS		Aerosmith Aviation, Inc.		Engine 100 Hour - page 1 of 1	
Aerosmith Aviation, Inc. - 321 Corporate Road - Longview, TX 76503 - 903-643-0898 - CRS#: AWWR422X					
N96LS Flight time: 177.6		Continental, TSIO550K1, S/N: 1037557 TSN: 177.6		July 22, 2020 Hobbs: 226.9	
<p>1. Performed 100 Hour Engine Inspection referencing the SR22T AMM, Chapter 5-20 & 5-30 checklists. Ground ran engine to operational temps. Compressions: 1) 72/80, 3) 74/80, #5) 72/80, #2) 74/80, #4) 72/80, #6) 72/80, M.O. 44. Drained engine oil and collected Blackstone Oil Sample. Removed oil filter, cut open for contaminants check; none noted. Installed new oil filter. Serviced engine with 8qts of engine oil. Adjusted full power manifold pressure and fuel flow to recommended settings IAW the SR22T AMM, Chapt. 73-20. Engine function, operational and leak check ok. Researched Airworthiness Directives through bi-weekly update of 2020-15; all applicable ADs complied with at this time. Installed (1) Blackstone Oil Sample - Oil Sample, Installed (12) 630979-9 - Seal, Installed (12) M674 - Spark Plug Gasket.</p> <p>I certify this Engine has been inspected in accordance with a 100 Hr. Inspection and was determined to be in an Airworthy Condition. Details of work performed are on file with Aerosmith Aviation, Inc. under work order: 50992NCRS.</p> <p>Luke Davidson IA 3593340 </p>					

Engine Log

Hobbs = 267.1

Flight = 212.4

10/8/2020 Cirrus SR-22T G-6 N96LS SN 1946

1. Drained engine oil and removed filter. Cut open filter and inspected for contaminants. None found. Serviced engine with 8 qts. Of Aeroshell 15W50 oil. Replaced oil filter with QQ48108-2.
 2. Routine oil sample taken for Analysis.
 3. Performed post maintenance engine run-up and leak check. No leaks noted.
- Performed by John Bordano Pilot/Owner 3771592

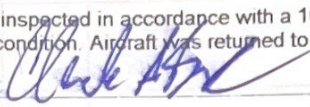
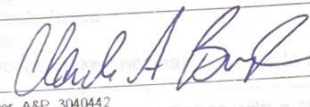
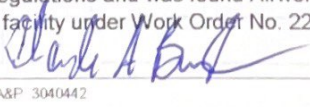
Engine Log

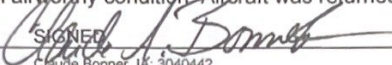
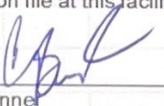
Hobbs = 319.8

Flight = 258.0

04/01/2021 Cirrus SR-22T G-6 N96LS SN 1946

1. Drained engine oil and removed filter. Cut open filter and inspected for contaminants. None found. Serviced engine with 8 qts. Of Aeroshell 15W50 oil. Replaced oil filter with QQ48108-2.
 2. Routine oil sample taken for Analysis.
 3. Performed post maintenance engine run-up and leak check. No leaks noted.
- Performed by John Bordano Pilot/Owner 3771592

Engine Service and Maintenance Record		
ENGINE MODEL: TSIO550K1B ENGINE S/N: 1037557 REG NO: N96LS WORK ORDER: 1967-05-2021	Tubreaux Aviation Maintenance, LLC. 1580 Airport Drive, Lot 144 Shreveport, LA 71107 Phone: 318-510-4330	DATE: 8/30/2021 A/C TSN: 299.1 ENG TT: 299.1 TSMOH: 299.1 TACH: 299.1
Engine Entries 1. Comply with Engine 100 hour inspection... Completed a 100 Hr. inspection in accordance with the SR22 / Completed 100hr Engine Inspection IAW Cirrus SR22/SR22T AMM Ch 05-20-001 Inspection checklists Pgs. 4-27 and Continental Motors Manual M-16C2 Ch 6-3.4 100-Hour (Annual) Engine Inspection. 2. Drained oil and changed oil filter conducted, no defects found. 3. Performed compression check as follows, ENG A: MOC 45 A1:64 A2:62 A3:64 A4:63 A5:61 A6:66. 4. Cleaned, gapped, and tested all spark plugs. Rotated and reinstalled. 5. Removed all fuel injection nozzles, ultrasonic cleaned and reinstalled with all new gaskets and seals. 6. Serviced Engine with Aeroshell 15w50 oil to capacity and 1 bottle of Avblend. 7. Engine washed and ground run. No defects found. 8. Engine air filters need replacement... Removed and installed new Induction air filters in accordance with Cirrus SR22/SR22T AMM Ch 71-60 9. 2 spark plugs failed erosion and resistance tests... Gap checked and Installed new.		
I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Aircraft was returned to service this date.		
DATE: 8/30/2021	SIGNED: 	Work Order: 1967-05-2021
ENGINE MODEL: TSIO550K1B ENGINE S/N: 1037557 REG NO: N96LS WORK ORDER: 2095-12-2021	Tubreaux Aviation Maintenance, LLC. 1580 Airport Drive, Lot 144 Shreveport, LA 71107 Phone: 318-510-4330	DATE: 12/10/2021 A/C TSN: 358.7 ENG TT: 358.7 TSMOH: 358.7 TACH: 358.7
Engine Entries 1. Oil Change... Drained oil and collected oil sample. Removed and inspected oil filter for contaminants, none found. Installed new CH48108-1 oil filter and serviced with 7 quarts of Aeroshell 15W50 oil and 12 oz of Avblend. Washed and ran engine for leak check. No problems noted. All work accomplished in accordance with Cirrus AMM Ch. 12-10.		
DATE: 12/10/2021	SIGNED: 	Work Order: 2095-12-2021
Printed by EBis 3 (datcomedia.com)		
ENGINE MODEL: TSIO550K1B ENGINE S/N: 1037557 REG NO: N96LS WORK ORDER: 2223-05-2022	Tubreaux Aviation Maintenance, LLC. 1550 Airport Drive, Lot 144 Shreveport, LA 71107 Phone: 318-510-4330	DATE: 5/10/2022 A/C TSN: 416.8 ENG TT: 416.8 TSMOH: 416.8 TACH: 416.8
Engine Entries Oil change is due. 416.8... Drained oil and collected oil sample. Removed and inspected oil filter for contaminants, none found. Installed new AA48108-2 oil filter and serviced with 7 quarts of Aeroshell 15W50 oil and 12 oz of Avblend. Washed and ran engine for leak check. No problems noted. All work accomplished in accordance with Cirrus AMM Ch. 12-10.		
Technicians Who Worked On The Items Listed Above: Christopher Bishop, Claude Bonner		
Maintenance Release The aircraft and/or component(s) on N96LS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 2223-05-2022, Dated 5/10/2022.		
DATE: 5/10/2022	SIGNED: 	Work Order: 2223-05-2022
Printed by EBis 3 (datcomedia.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					
Carried forward →					
ENGINE MODEL: TSIO550K1B ENGINE S/N: 1037557 REG. NO: N96LS WORK ORDER: 2287-08-2022					Tubreaux Aviation Maintenance, LLC. 1550 Airport Drive, Lot 144 Shreveport, LA 71107 Phone: 318-510-4330
					DATE: 9/2/2022 A/C TSN: 457 ENG TT: 457 TSMOH: 457 TACH: 457
Engine Entries					
1. Comply with Engine 100 hour inspection.... Completed a 100 Hr. inspection in accordance with the SR22 / Completed 100hr Engine Inspection IAW Cirrus SR22/SR22T AMM Ch 05-20-001 Inspection checklists Pgs. 4-27 and Continental Motors Manual M-16C2 Ch.6-3.4.100-Hour (Annual) Engine Inspection. 2. Drained oil and changed oil filter conducted, no defects found. 3. Performed compression check as follows, MOC 45 A1:62 A2:69 A3:70 A4:66 A5:68 A6:69 4. Cleaned, gapped, and tested all spark plugs, no defects found. Rotated and reinstalled. 5. Removed all fuel injection nozzles, ultrasonic cleaned and reinstalled with all new gaskets and seals. 6. Serviced Engine with Aeroshell 15w50 oil to capacity. 7. Engine washed and ground run. No defects found. Engine Borescope Inspection... Borescope Inspection. Completed the engine Borescope inspection with no defects found. All pictures are archived at this facility.					
Technicians Who Worked On The Items Listed Above:					
Claude Bonner					
I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Aircraft was returned to service this date.					
DATE: 9/2/2022		SIGNED: 		Work Order: 2287-08-2022	
		Claude Bonner, IA: 3040442		Printed by EBIS 3 (datcomedia.com)	
2348-11-2022 (11-23-2022) Page 1/ 1					
MAKE: Cirrus Design		Tubreaux Aviation Maintenance, LLC.		W/O #: 2348-11-2022	
MODEL: SR22T		1550 Airport Drive, Lot 144		DATE: 11-23-2022	
S/N: 1946		Shreveport, LA 71107		A/C TT: 524.6	
REG. NO.: N96LS				A/C Tach: 524.6	
ENGINE MODEL:				ENG TT: 524.6	
TSIO550K1B				TSMOH: 524.6	
ENGINE SN: 1037557					
Engine Entries					
Oil Change Due...Drained oil and collected oil sample. Removed and inspected oil filter for contaminants, none found. Installed new AA48108-2 oil filter and serviced with 7 quarts Aeroshell 15w50 oil and 12 oz of Avblend. Washed and ran engine for leak check. No problems noted. All work accomplished in accordance with Cirrus AMM Ch.12-10.					
Maintenance Release					
The aircraft and/or component(s) on N96LS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 2348-11-2022, Dated 11-23-2022.					
DATE: 11-23-2022		SIGNED: 		WORK ORDER: 2348-11-2022	
		Claude Bonner		Printed by EBIS (EBISCloud.com)	
		A&P or IA Number: 3040442			

2420-02-2023 (02-23-2023)

MAKE: Cirrus Design
MODEL: SR22T
S/N: 1946
REG NO: N96LS
ENGINE MODEL:
TSIO550K1B ENGINE
SN: 1037557

Tubreaux Aviation Maintenance, LLC.
1550 Airport Drive, Lot 144
Shreveport, LA 71107

W/O #: 2420-02-2023
DATE: 02-23-2023
A/C TT: 593
A/C Tach: 593
ENG TT: 593
TSMOH: 593

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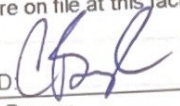
Engine Entries

Oil Change Due (FLIGHT: 593.0) ... Drained oil. Removed and inspected oil filter for contaminants, none found. Installed new CH48108-1 oil filter and serviced with 7 quarts of Aeroshell 15W50 oil. Washed and ran engine for leak check. No problems noted. All work accomplished in accordance with Cirrus AMM Ch 12-10.

Maintenance Release

The aircraft and/or component(s) on N96LS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 2420-02-2023, Dated 01-23-2023.

DATE: 02-23-2023

SIGNED: 
Claude Bonner
A&P or IA Number: 3040442

WORK ORDER: 2420-02-2023
Printed by EBIS (EBISCloud.com)

2441-03-2023 (04-03-2023)

MAKE: Cirrus Design
MODEL: SR22T
S/N: 1946
REG NO: N96LS
ENGINE MODEL:
TSIO550K1B ENGINE
SN: 1037557

Tubreaux Aviation Maintenance, LLC.
1550 Airport Drive, Lot 144
Shreveport, LA 71107

W/O #: 2441-03-2023
DATE: 04-03-2023
A/C TT: 602.4
A/C Tach: 602.4
ENG TT: 602.4
TSMOH: 602.4

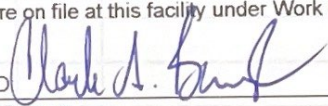
Engine Entries

1. Engine rough when leaning.... Checked the spark plugs and found them worn to the limits. Removed and installed all new spark plugs URHB32E. Cleaned #2 Fuel nozzle. Ground run and OP's checked normal.

Maintenance Release

The aircraft and/or component(s) on N96LS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 2441-03-2023, Dated 04-03-2023.

DATE: 04-03-2023

SIGNED: 
Claude Bonner
A&P or IA Number: 3040442

WORK ORDER: 2441-03-2023
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2497-06-2023 (06-29-2023)

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Record

D. MAKE: Cirrus Design
MODEL: SR22T
S/N: 1946
REG. NO.: N96LS
ENGINE MODEL:
TSIO550K1B
ENGINE SN: 1037557

Tubreaux Aviation Maintenance, LLC
1550 Airport Drive, Lot 144
Shreveport, LA 71107

W/O #: 2497-06-2023
DATE: 06-29-2023
A/C TT: 676.8
A/C Tach: 676.8
ENG TT: 676.8
TSMOH: 676.8

oval and
irectives,

Carried

Engine Entries

1. Oil change is due. Flight Hobbs is 676.8... Drained oil and changed oil filter. Inspected oil filter for contaminants, none found. Installed new AA48108-2 oil filter and serviced with 7 quarts of Aeroshell 15w50 oil. Washed and ran the engine for leak check. No problems noted. All work accomplished in accordance with Cirrus AMM Ch.12-10.

Maintenance Release

The aircraft and/or component(s) on N96LS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 2497-06-2023, Dated 06-29-2023.

DATE: 06-29-2023

SIGNED

Claude Bonner

A&P or IA Number: 3040442

WORK ORDER: 2497-06-2023

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2559-09-2023 (10-05-2023)

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MAKE: Cirrus Design
Corp
MODEL: SR22T
S/N: 1946
REG. NO.: N96LS
ENGINE MODEL:
TSIO550K1B
ENGINE SN: 1037557

Tubreaux Aviation Maintenance, LLC.
1550 Airport Drive, Lot 144
Shreveport, LA 71107

W/O #: 2559-09-2023
DATE: 10-05-2023
A/C TT: 741.7
A/C Tach:
ENG TT: 741.7
TSMOH: 741.7

Engine Entries

1. Comply with Engine 100-hour inspection. ... Completed a 100 Hr. inspection in accordance with the SR22 / Completed 100hr Engine Inspection IAW Cirrus SR22/SR22T AMM Ch 05-2001 Inspection checklists Pgs. 4-27 and Continental Motors Manual M-16C2 Ch.6-3.4.100-H (Annual) Engine Inspection.
2. Drained oil and changed oil filter conducted, no defects found.
3. Performed compression check as follows, MOC 45 A1:62 A2:69 A3:70 A4:66 A5:68 A6:66
4. Cleaned, gapped, and tested all spark plugs, no defects found. Rotated and reinstalled.
5. Removed all fuel injection nozzles, cleaned, and reinstalled with all new gaskets and seals.
6. Serviced Engine with Aeroshell 15w50 oil to 7qt capacity and 1 bottle of Avblend.
7. Engine washed and ground run. No defects were found.
8. Completed these additional inspection items.
9. Magnetos 500hr Items are due. -----Continued on next page-----

2559-09-2023 (10-05-2023)

... Documented and removed the following magnetos, LH= 10-500556-101 S/N D190A302, R= 10-500556-101 S/N D190A305. Sent to Eagle Magneto for 500hr Inspection accomplished in accordance with Work Order 5465. Reinstalled the same magneto's in the original positions. Work accomplished in accordance with Continental Motors CMM M-16 Ch.10-6.

10. Engine Borescope Inspection... Completed the engine Borescope inspection with no defects found. All pictures are archived at this facility.

I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Aircraft was returned to service this date.

DATE: 10-05-2023

SIGNED

Claude Bonner

A&P or IA Number: 3040442

WORK ORDER: 2559-09-2023

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MAINTENANCE RELEASE

SERVICEABLE PARTS TAG

X repaired as necessary. ☒ Overhauled per appropriate Manual.

This magneto was tested in accordance with Federal Aviation Administration Regulations. Approved for return to service. All parts on work order # 5465. On record at Eagle Magneto Inc.

Manufacturer ☒ Bendix/TCM ☐ Slick/Champion Model 56RSC-35PSerial Number D190A305 Part Number 10-500556-101Notes: 200 hr complt See AD compliance record dated 10-05-2023Signed [Signature] Eagle Magneto Inc. Date 10-05-2023

Eagle Magneto Inc.

404 United Drive New Smyrna Beach, FL 32168

Office 386-410-4710 Cell 386-225-3152

www.eaglemagneto.com