

AIRCRAFT MAINTENANCE RECORDS

N 911 KJ

ENGINE LOG BOOK



AIRCRAFT MAINTENANCE RECORDS

Owner _____

Aircraft Registration **N 911KJ**

Manufacturer **Circus Design Corp.**

Model **SR 22T**

Serial No. **1010657 (engine)**

Position _____

PO: 754115

LOT: 10-17574



145930018

P/N: 13-18060

LOC: 05BF

SINGLE ENGINE LOGBOOK

Crownair Aviation
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N911KJ
10-25-17

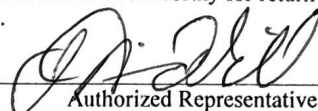
TSIO-550-K1B
Cirrus SR22T
Hobbs: 629.9 Hrs

S/N: 1010657
S/N: 0849
Flight Hour Meter: 520.7 Hrs

Maintenance performed:

- Changed engine oil and filter. Serviced with 8qts Aeroshell 100W oil and installed new CH48108-1 oil filter. Performed ground run and leak check is good.
- Cut open and inspected old oil filter, nothing abnormal found at this time.
- Oil sample taken and sent for analysis.
- Complied with **SA 13-01**, Exhaust crack inspection, no discrepancies noted.
- Secured oil pressure sensor to engine mount with Adel clamps P/N MS21919WDG16 and MS21919WDG18 with Ref to Cirrus SB2X-79-04.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA Regulations. Only those items specified in the work order have been inspected and found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-17-08138.


Authorized Representative

Crownair Aviation
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N911KJ
03-06-18

TSIO-550-K1B
Cirrus SR22T
Hobbs: 702.9 Hrs

S/N: 1010657
S/N: 0849
Flight Hour Meter: 565.2 Hrs

Maintenance performed:

- Removed engine cowl and checked oil level, found to be slightly above the 8qt mark. Drained engine oil, measured drained oil and found less than 8qts. Serviced engine with 7ea quart bottles of Aeroshell 15W50 oil. Performed engine run and leak check good. Reinstalled engine cowl. Rechecked oil level, approximately at 7.75qts. No further action taken.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA Regulations. Only those items specified in the work order have been inspected and found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-18-08239


Authorized Representative

ENGINE MODEL
ENGINE S/N:
REG. NO. N911KJ
WORK ORDER
Murrieta8835-05-2018

Gryphon Aircraft Services, LLC.

Repair Station No. CRS 2SDR271B
37680 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone: 951-698-4260

DATE: 6/6/2018
A/C TSN: 814.8
ENG TT:
TACH: 641.2

Engine Entries

Changed oil and filter AA48108-2 Cut filter and inspected, OK. Serviced engine with 7 qts a/s 15/50w. Test run a/c, all ops normal. No leaks noted. Removed old rocker cover gaskets and installed new silicone style rocker cover gaskets PN RG-632459. Fixed internal support wire cutting through alt air duct. Sealed hole with red RTV

I certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance 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. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta8835-05-2018. FAA CRS #2SDR271B.

DATE: 6/6/2018

SIGNED 

Work Order: Murrieta8835-05-2018

Glen Kratz
Certified Repair Station No. CRS 2SDR271B

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AIRCRAFT MAINTENANCE RECORD

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ENGINE MODEL
TSIO-550-K
ENGINE S/N 1010657
REG NO N911Kj
WORK ORDER
TKI0150-10-2019

Cirrus Design Factory Service Center

4961 Airport Road
Duluth MN 55811
Phone 218-788-3049

DATE 10/24/2019
A/C TSN 761 7
ENG TT 761 7
TSMOH
TACH 761 7

Engine Entries

(7) Removed Engine driven fuel pump P/N 649368-60A7 S/N B16KA099 and sent to Great Plains Fuel Metering Inc for overhaul. Reinstalled fuel pump same P/N and S/n upon return and adjusted as required per Cirrus SR22T Manual 73 20 (11) Drained engine oil. Serviced engine with 8 quarts of Phillips 20W50 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-2X AMM 12-10

Technicians Who Worked On The Items Listed Above
Mike Craig Tim O'Reilly

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

DATE: 10/24/2019

SIGNED: 

Work Order: TKI0150-10-2019

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ENGINE MODEL
ENGINE S/N
REG NO N911Kj
WORK ORDER
TKI0172-11-2019

Cirrus Design Factory Service Center

4961 Airport Road
Duluth MN 55811
Phone 218-788-3049

DATE 11/4/2019
A/C TSN 772 7
ENG TT 772 7
TSMOH
TACH 772 7

Engine Entries

(7) Removed and Replaced Fuel Manifold PN/ 646433-17A2 SN/ C18AA167
Ops check complete no issues to report. IAW Continental TSIO-550-K 16-1 and Standard Practice Manual M-0 (3) Adjusted fuel flow to 40.5 GPH. All work accomplished per Continental Standard Practices MM M-0 6-4

Technicians Who Worked On The Items Listed Above
Justin Pollard

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

DATE: 11/4/2019

SIGNED: 

Work Order: TKI0172-11-2019

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Date	11/19/19	HAMMONDS AIRCRAFT MAINTENANCE 200 AVIATION RD HOUMA, LA 70363 (985)688-1520	Flight:	780.7
Registration #	N911KJ		Hobbs:	993.8
Eng Serial #	1010657			

ENGINE LOG ENTRY

REMOVED INOP THROTTLE ASSEMBLY SN: A14EA243. INSTALLED PN: 656785-4 SN: A16EA018 WITH NEW GASKET PN: 634625-1. INSTALLED I.A.W. E.M.M. AND CIRRUS DESIGN CORP. M.M. TEST RUN AND LEAK CHECK GOOD. WARMED ENGINE. SET IDLE MIXTURE. SET IDLE. INSTALLED NEW UPPER DECK SEAL WASHERS AT INJECTOR BLOCKS. APPROVED R.T.S. WITH RESPECT TO WORK PERFORMED.

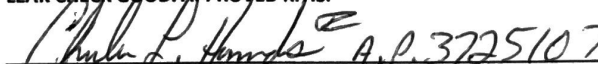
 A.P. 3725107

CHARLES L. HAMMONDS, II 3725107 A.P.

Date	11/22/19	HAMMONDS AIRCRAFT MAINTENANCE 200 AVIATION RD HOUMA, LA 70363 (985)688-1520	Flight:	780.7
Registration #	N911KJ		Hobbs:	993.8
Serial #	0849			

ENGINE LOG ENTRY

REMOVED MAGS. INTERNALLY TIMED. TIMED TO ENGINE. SET AT 24 DEGREES B.T.D.C. INSTALLED WITH NEW GASKETS. #1 #2 INTAKES INSTALLED WITH NEW GASKETS. INSTALLED GOVERNOR AFTER INSPECTION AND MINOR MAINTENANCE BY AIRPROP SPECIALISTS INC. INSTALLED WITH NEW GASKET AND LOCKWASHERS. WASHED ENGINE. TEST RUN AND LEAK CHECK GOOD. APPROVED R.T.S.

 A.P. 3725107

CHARLES L. HAMMONDS, II 3725107 A.P.

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AIRCRAFT MAINTENANCE RECORD

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Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
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2601 Cessna Lane NW Kennesaw, GA 30144 DK7R795J
LOG ID# 21588 14-January-2020 WO# 20007
N911KJ S/N 0649 CIRRRUS SR22T
HOBBS 1030.6 TACH 810.1

Pg 1 / 1

*** ENGINE LOG ENTRY ***

SET FUEL PRESSURES IN ACCORDANCE WITH CMI MAINTENANCE MANUAL M0. ADJUSTED ENGINE OIL PRESSURE TO TO 67 PSI. ADJUSTED MANIFOLD PRESSURE TO 36.3" HG AT 2500 RPM. INSTALLED NEW FUEL BOOST PUMP P/N 70673-001 S/N 217544. OPS CHECK OK. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURER'S MAINTENANCE MANUAL AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#20005 DATED JAN 28 2020.

Signed DK7R795J FOR DLK AVIATION

ENGINE MODEL:

ENGINE S/N:

REG. NO: N911KJ

WORK ORDER: LFT0488-12-2019

Western Airways LFT

100 Jim Davidson Dr.
Sugar Land, TX 77498
Phone: 337-266-8991

DATE: 17 December, 2019

A/C TSN:

ENG TT:

TACH: 802.5

Engine Entries

Engine oil change.... Ground ran engine. Removed engine cowlings. Drained engine oil and captured Blackstone oil sample. Removed engine oil filter, cut open and inspected for contamination, none noted. Installed new Champion oil filter P/N CH48108-1 and safetied with .032" stainless steel safety wire. Filled engine with 7 quarts of Phillips X/C SAE 20W50 engine oil and one pint of Camguard. Ground run leak check ok. All work done I/A/W Cirrus SR22T M.M. Chapter 71-00-00. Pilot squawk: Maximum engine RPM is approximately 10-15 RPM too low.... Adjusted propeller governor high RPM stop 1/8 of a turn clockwise. Re-installed engine cowlings. Ground ran engine static max RPM 2510. All work done I/A/W Hartzell Propeller Service Letter HC-SL-61-277.

All maintenance performed on this Engine was performed in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed above.

DATE: 17 December, 2019

SIGNED:

Mark Suire, A&P: A&P 4034242

Work Order: LFT0488-12-2019

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ENGINE MODEL:

ENGINE S/N:

REG. NO: N911KJ

WORK ORDER: LFT0627-03-2020

Western Airways LFT

100 Jim Davidson Dr.
Sugar Land, TX 77498
Phone: 337-266-8991

DATE: 19 March, 2020

A/C TSN:

ENG TT:

HOBBS: 1066.5

Engine Entries

Performed engine run up, removed cowlings and drained engine oil. Captured Blackstone sample. Removed and cut open oil filter to inspect for contaminants. No contaminants found. Installed new Champion oil filter PN CH48108-1, Safetied as required. Replenished engine with 6 qts of Phillips 20w-50, Cam Guard additive. Performed engine run up and leak check. No leaks noted. Performed general inspection of the engine and items listed on the Savvy Aviation Cirrus Sr22T guide for oil changes and associated service items. No defects noted at this time. Performed all this IAW Cirrus SR22T AMM as well as Savvy Aviations instructions.

All maintenance performed on this Engine was performed in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed above.

DATE: 19 March, 2020

SIGNED:

Corey Mathern, A&P: 4207897

Work Order: LFT0627-03-2020

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ENGINE MODEL: **Western Airways LFT**
ENGINE S/N:
REG. NO: N911KJ 100 Jim Davidson Dr.
WORK ORDER: LFT0663-04-2020 Sugar Land, TX 77498
Phone: 337-266-8991

DATE: 01 May, 2020
A/C TSN:
ENG TT:
TACH: 849.1

Engine Entries

Removed spark plugs, cleaned, gapped and changed crush gaskets. Removed and replaced #6 cylinder top spark plug with new plug PN URHB32E. Installed spark plugs, ground run ops checked good. All work performed IAW Cirrus SR22T AMM 74-20-00.

Performed magneto timing check and mags timing checked good. Ran aircraft and performed mag drop. No defects noted.

All maintenance performed on this Engine was performed in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed above.

DATE: 01 May, 2020

SIGNED: 

Michael Eastin, A&P: 3706319

Work Order: LFT0663-04-2020

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ENGINE MODEL: **Western Airways of Lafayette, LLC**
ENGINE S/N:
REG. NO: N911KJ 125 Shepard Drive
WORK ORDER: 0712-06-2020 Lafayette, LA 70508 USA
Phone: 337-266-8991

DATE: 04 June, 2020
A/C TSN:
ENG TT:
TACH: 860

Engine Entries

Ground ran engine ops checked alternators. Could not duplicate discrepancy of "Alt 1 drops offline and radio noise". Removed engine cowling, inspected alternator #1 and found Field terminal loose. Tightened terminal and torque checked all other terminals. ground run ops checked ok. All work done I/A/W Cirrus SR22T M.M. Chapter 24.

Removed cylinder #6 top spark plug. Cleaned, inspected, gapped, tested and re-installed spark plug with new gasket. All work done I/A/W Cirrus SR22T M.M. Chapter 74.

Adjusted idle mixture and obtained 30 RPM rise during idle cut-off. All work done I/A/W Continental TSIO-550-K M.M. Chapter 6. Reinstalled engine cowling.

All maintenance performed on this Engine was performed in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed above.

DATE: 04 June, 2020

SIGNED: 

Mark Suire, A&P: A&P 4034242

Work Order: 0712-06-2020

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ENGINE MODEL: **CIRRUS Cirrus Design Factory Service Center**
ENGINE S/N:
REG. NO: N911KJ 4961 Airport Road
WORK ORDER: Duluth MN 55811
TKI0578-09-2020 Phone: 218-788-3049

DATE: 11/17/2020
A/C TSN: 888 5
ENG TT: 888 5
TSMCH
HOBBS 1126 3

Engine Entries

(6) Performed an annual inspection of this engine in accordance with Cirrus Aircraft SR-22T AMM 05-20 inspection checklist. Compression check results: 1) 44/80 2) 42/80 3) 68/80 4) 78/80 5) 64/80 6) 68/80. Master orifice reading: 42.

(14) Drained engine oil. Serviced engine with 8 quarts of Phillips M 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. Oil change due in 25 hours. (913 5) Work accomplished in accordance with Cirrus Aircraft SR-22T AMM 12-10.

(15) Performed engine setup per Cirrus SR-22T AMM 73-20 and Continental Motors MM M-18. Post setup operational and leak check performed with no discrepancies

(24) Removed and installed new turbo transition to LH exhaust assembly P/N 658681 IAW Cirrus SR22T AMM Ch 78-10, 78-20 and 81-20.

(25) Complied with AD 2020-16-11. Cylinder #5 was the only cylinder affected by AD. P/N:658595A1 S/N:AC16EA042.

(30) Installed all new spark plugs P/N:URHB32E IAW Continental motors Standard Practice for Spark Ignited Engines Ch 6-4 9.2.

(31) Removed LH magneto P/N:10-500556-101 S/N:D14FA060 and installed Rebuilt magneto P/N:BL-500556-101

S/N:D20EA086R LH magneto rebuilt at Continental Motors Inc. WO# 746205 CRS# PQ1269CE; 8130-3 dated 06MAY2020.

Removed RH magneto P/N:10-500556-101 S/N:D14FA058 and installed Rebuilt magneto P/N:BL-500556-101 S/N:D20DA225R

Performed engine ground run, operational and leak check good. All work completed IAW Maintenance Manual - Standard Practice for Spark Ignited Engines (M-0) Ch 10-5.

(35) Removed Cylinder #1 P/N:658178 S/N:AC14EC314 and installed overhauled cylinder kit P/N:658595 S/N:112293-1

(AC15HA895). Removed Cylinder #2 P/N:658178 S/N:AC14EC311 and installed overhauled cylinder kit P/N:658595 S/N:112293-2

(AC161B275). Cylinders overhauled at Gibson Aviation WO#112293 CRS#AV2R704K, 8130-3 dated 11/10/2020. Performed engine

ground run, operational and leak checks good. All work completed IAW Continental motors overhaul and maintenance manual

(M-18) Ch 17-3. Customer will perform engine break-in.

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

DATE: 11/17/2020

SIGNED: 

Jeffrey Bridges

Work Order: TKI0578-09-2020


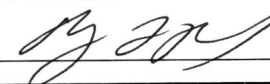

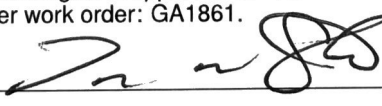
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Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
wo: GA1695 Engine page 1 of 0		
 Glencoe Aviation · 6253 Airport Industrial Blvd · GONZALES, LA 70737 · 225-460-3636		
N911KJ TACH: 981.7	CONT MOTOR, TSIO-550-K, S/N: 1010657	November 24, 2021
<ol style="list-style-type: none">1. Removed fuel pump S/N: B16KA099 and fuel manifold valve S/N: C18AA167 and sent out for overhaul. Reinstalled upon return from overhaul by CRS# 1GPR022B using new hardware. Leak check and engine ground run satisfactory at this time. Completed engine fuel system setup. All work performed in accordance with Cirrus SR22T AMM 73-20 and Continental M-0. Installed P/N FUEL SYSTEM REPAIR - REPAIR, Installed P/N NAS1149F0332P - WASHER, Installed (2) P/N NAS1149F0363P - WASHER, Installed P/N AN970-3 - WASHER, Installed P/N AN310-3 - NUT, Installed P/N AN3-10 - BOLT, Installed P/N MS24665-132 - COTTER PIN.2. Performed Engine Annual inspection and lubrication in accordance with Cirrus SR22T AMM 05-20 and Continental M-0. Post maintenance run-up satisfactory at this time.3. Removed and replaced induction air filters in accordance with Cirrus SR22T AMM 71-60. Next due replacement @ FLT: 1481.7 or NOV 2024 Installed (2) P/N 27166-001 - AIR FILTER ELEMENT Induction System, SR22T.4. Drained oil with sample taken and removed filter. Cut and inspected filter for metal with none found at this time. Installed and safetied new filter and serviced engine with 7 qts of Piston Engine oil in accordance with Cirrus SR22T AMM 12-10. Oil sample results are normal at this time. Installed P/N GA-001-NP - Oil sample, Installed P/N CH48108-1 - Champion Oil Filter, Installed (8) P/N 20w50 - Phillips Oil.5. Removed cleaned inspected flow check and reinstall fuel nozzles and upper deck pressure rails using new seals orings and gaskets in accordance with Cirrus SR22T AMM 5-20 and Continental M-0 6-4.4. Installed (12) P/N 630979-9 - SEAL, O-RING, Installed (6) P/N 628556 - Washer .31idx.03od, Installed (6) P/N 633958-3 - SEAL- COMPRES- SION, Installed (2) P/N 633958-5 - Seal, Installed (6) P/N 649950 - Gasket, Installed (6) P/N 640612 - WASHER: NOZZLE,ENGINE,RUBBER, .50ODX.31ID, Installed (18) P/N 20522 - Washer, Installed (18) P/N ms35338-44 - lock washer.6. Completed cylinder compression check in accordance with Continental M-0 6-4.11.2.3 Compressions are as follows (HOT): #1) 75/80 #2) 70/80 #3) 60/80 #4) 76/80 #5) 59/80 #6) 56/80 Master Orifice: 46/80.7. Removed cleaned gapped tested rotated and reinstalled spark plugs in accordance with Cirrus SR22T AMM 05-20 and Continental M-0 6-4.9.2.8. Removed RH intercooler S/N: E14-11677-221 and sent for repair. Reinstalled intercooler upon return. Installed P/N 20449A INTERCOOLER REPAIR - INTERCOOLER, S/N: E14-11677-221.9. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. <p>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: GA1695.</p> <p>Dayne Bounds A/P IA 2782783 </p>		
wo: GA1861 Engine page 1 of 1		
 Glencoe Aviation · 6253 Airport Industrial Blvd · GONZALES, LA 70737 · 225-460-3636		
N911KJ TACH: 1025.5	CONT MOTOR, TSIO-550-K, S/N: 1010657	March 28, 2022
<ol style="list-style-type: none">1. Drained oil with sample taken and removed filter. Cut and inspected filter for metal with none found at this time. Installed and safetied new filter. Serviced engine with 7qts of Piston Engine oil and 11.2ozs of CamGuard in accordance with Cirrus SR22T AMM 12-10. Installed (8) P/N 20w50 - Phillips Oil, Installed P/N CH48108-1 - Champion Oil Filter, Installed P/N GA-001-NP - Oil sample, Installed P/N CAMGUARD - CAMGUARD.2. Completed mag timing check to 24 degrees in accordance with engine data plate and Continental M-0 6-4.9.1.2. <p>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: GA1861.</p> <p>Taylor Stringfield A/P 4285189 </p>		

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Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
<div style="display: flex; justify-content: space-between;"> <div> CARRIED FORWARD </div> <div> wo: GA2059 <div style="text-align: right;">Engine - page 1 of 1</div> </div> </div>		



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

N911KJ **CONT MOTOR, TSIO-550-K, S/N: 1010657** **September 29, 2022**
TACH: 1093.2 TSN: 1093.2

1. Drained oil with sample taken and removed filter. Cut and inspected filter for metal with none found at this time. Installed and safetied new filter. Serviced engine with 7qts of Piston Engine oil. Cleaned engine and ground run satisfactory at this time. All work accomplished in accordance with Continental Manual M-0 6-4.8.2 and Cirrus AMM 12-10. Installed P/N GA-001-NP - Oil sample, Installed P/N AA48108-2 - OIL FILTER, Installed (8) P/N 20w50 - Phillips Oil.
2. Adjusted engine RPM to obtain proper rating in accordance with Cirrus AMM 61-20 and Fuel System setup in accordance with Cirrus AMM 73-20. Final engine settings obtained: % Power: 104 RPM: 2500 Man "Hg: 36.6 FFlow GPH: 40.6.

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: GA2059.

Taylor Stringfield A/P 4285189

12/27/2022 N911KJ Cirrus SR22T S/N: 0849 Flight Time: 1094.2 Eng. TT: 1094.2

Completed 100 hr. Inspection.
 Completed cylinder compression test IAW section 6-4.11.2 of CMI. MM. M-0 acceptable leakage 45/80
 Compression Test: #1-45/80, #2-21/80, #3-76/80, #4-48/80, #5-70/80, #6-60/80
 Completed cylinder borescope inspection IAW section 6-4.11.3. of CMI. MM. M-0.
 Drained oil, cut open and inspected filter. Installed new AA48108-2 oil filter.
 Cleaned, inspected and tested spark plugs. Reinstalled with new M674 gaskets.
 Removed, disassembled and timed left and right magneto.
 Installed new points housing gasket on right magneto P/N: 10-357532.
 Installed new #3 and #4 intake gaskets P/N: 649950
 Installed left and right magneto with new gasket P/N: 649954.
 Removed #1 alternator and performed drive coupling **500 hrs. slippage inspection** IAW CMI. Manual M-0 chap. 10-4.
 Installed alternator #1 with new gasket P/N: 653981.
 Serviced engine with Phillips XC 20W50 oil. Run up and leak check good.
 This engine has been inspected in accordance with a 100 hr. Inspection and was found to be in an airworthy condition

Paul N. Lucius A&P 3788664 IA

03/31/2023 N911KJ Cirrus SR22T S/N: 0849 Flight Time: 1110.0

Removed right magneto.
 Installed new coil in right magneto P/N: 10-357165-1. ,
 Installed right magneto with new gasket P/N: 649954.
 Installed new #3 intake gasket P/N: 649950.
 Run up, operational check , and leak check good.
 All above work completed IAW applicable sections of Continental manual M-0 and X42002.

Paul N. Lucius A&P 3788664 IA

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337-383-7200 Hum
pk 337-208-2244 cell

Cert: AP2708897

Sign: Chet J. ...

Engine · page 1 of 1



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

March 18, 2024

1. Performed engine 100 Hr. inspection IAW Cirrus AMM 5-20 Engine compressions HOT 1-58; 2-62; 3-42; 4-68; 5-43; 6-22. Master Orifice 42/80 Cylinder #6 will be removed and repaired
2. Removed right and left intercooler. Drained oil with sample taken. Removed top spark plugs. Removed intake tubes and injectors.
3. Removed Left side baffle, intercooler, prop governor #6 intake. Removed #6 cylinder. Removed #6 piston cap.
4. Installed overhauled cylinder in #6 position IAW Continental MM M-16. Details of this work are on Continental Services Work Order # CS-11990. 8130 form given to customer for record. All copies will be on file with Glencoe Aviation. Installing baffling. Continued installing baffling. Installed prop governor. and oil cooler. Cleaned spark plugs and injectors. Installed spark plugs and injectors. Tightened and torqued spark plugs and injectors. Installed intake tubes. Installed left and right intake tubes. Compression after overhaul 72 80
5. Removed, cleaned, tested, and re-installed spark plugs. Removed, cleaned, flow tested, and re-installed fuel injectors with new seals. Replaced #6 EGT probe.
6. Drained engine oil and removed filter. Sample taken for analysis. Serviced engine with 7 quarts of Phillips XC 20W50 Engine Oil. Installed new oil filter CH48108-1 and safetied. Old filter cut open to check for debris with none found.
7. Performed post maintenance operational check IAW Cirrus AMM 5-30 with successful results.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION AT THIS TIME.

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: GA 2480. //

Theo Mills LA 3572974

TOTAL - CARRY FORWARD TO NEXT PAGE

MAKE: Cirrus
MODEL: SR22T
S/N: 0849
REG. NO: N911KJ
ENGINE MODEL: TSIO-550-K
ENGINE SN: 1010657



Cirrus McKinney Service Center
Repair Station No. CDCR140E
1500 Industrial Blvd.
Hangar #19
McKinney, TX 75069

W/O #: KTKI4833-03-2025
DATE: 04-17-2025
Flight Time: 1173.7
Hobbs: 1481.4

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**CARRIED
FORWARD**

Engine Entries

- Performed an annual inspection of this engine IAW SR22T AMM 05-20 inspection checklist. Compression check results: 1) 45/80 2) 52/80 3) 56/80 4) 76/80 5) 45/80 6) 78/80. Master orifice reading: 49. Cylinders 1 and 5 replaced on this work order.
- Changed engine oil and filter, performed Oil Filter Particle Inspection and serviced engine with 8 quarts of Phillips 66 20W50 XC IAW SR22T AMM 12-10. Leak check good.
- Performed engine setup IAW SR22T AMM 73-20 and Continental Motors MM M-18. Post setup operational and leak check performed with no discrepancies.
- Performed Alternator one, 2-year/500-hour inspection. Removed and replaced brush block assembly. All work accomplished IAW CAT M-0 and SR22T AMM 24-30.
- Replaced LH tailpipe P/N 657636 IAW SR22T MM Ch.78-20.
- Replaced Cylinder #5 (Removed SN: AC16EA042) with new cylinder PN: 658815A3 SN: AC25AB108. Work completed IAW Continental M-18 Maintenance and Overhaul Manual 17-3.
- Replaced Cylinder #1 (Removed PN: 658595 SN: AC15HA895) with new cylinder PN: 658815A3 SN: AC25AB561. Work completed IAW Continental M-18 Maintenance and Overhaul Manual 17-3.
- Replace crankshaft nose seal IAW Continental SPMM M-0 10-10, SR-22T AMM 61-10.
- Replaced #6 cylinder Tanis preheater element IAW Tanis Instruction TN02771.
- I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

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# CDCR140E

DATE: 04-17-2025

SIGNED:

Tim O'Reilly
Repair Station No. CDCR140E

WORK ORDER: KTKI4833-03-2025

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SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE