

Book

2

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: 365.2 Hrs

Maintenance performed:

- Removed engine cowling 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 92583
 Phone: 951-696-4260

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 all 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: 

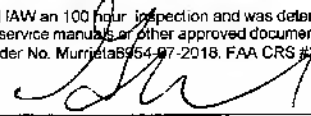

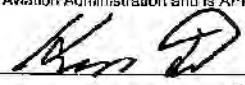
Work Order: Murrieta8835-05-2018

Glen Kratz
 Certified Repair Station No. CRS 2SDR271B

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AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	To
CARRIED FORWARD →	
	<p>ENGINE MODEL: Gryphon Aircraft Services, LLC. TSIO-550-K1B ENGINE S/N: 1010657 REG. NO: N811KJ WORK ORDER: Murneta8954-07-2018</p> <p>Repair Station No. CRS 2SDR271B 37680 Sky Canyon Drive #602 Murmeta, CA 92563 Phone: 951-698-4280</p> <p>DATE: 8/1/2018 A/C TSN: 984.1 ENG TT: 684.1 TSMOH: 684.1 TACH: 684.1</p> <p>Engine Entries Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Serviced engine with 7 qts. a/s 100w & 1 Cam Guard. Compression check #1 58 #2 60 #3 65 #4 60 #5 76 #6 76. Cleaned, gapped and tested all spark plugs. See AD note update sheet and master list for complete AD note history thru this date and current revision. ... Re-torqued LH exhaust heat shields. ... Re-sealed forward engine case half plug. ... Adjusted magneto timing to 24° BTDC IAW engine data plate.</p> <p>I certify that this ENGINE has been inspected IAW an 100 hour inspection and was determined to be in AIRWORTHY Condition. 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. Murneta8954-07-2018. FAA CRS #2SDR271B.</p> <p>DATE: 8/1/2018 SIGNED:  Work Order: Murneta8954-07-2018 Glen Kratz Printed by EBis 3 (datamedia.com) Certified Repair Station No. CRS 2SDR271B</p>
	<p>ENGINE MODEL: Kim Davidson Aviation, Inc. TSIO-550-K1B ENGINE S/N: 1310657 REG. NO: 911KJ WORK ORDER: 20654</p> <p> Repair Station No. YYK678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Main) 310-391-6293 (Avionics) 310-391-0582</p> <p>DATE: 10/1/2019 A/C TSN: 743.6 ENG TT: 743.6 FLIGHTTIME: 743.6</p> <p>Engine Entries I certify that this Engine has been inspected in accordance with a 100Hr Inspection/Cirrus Annual Inspection Checklist and has been determined to be in AIRWORTHY CONDITION ---Performed engine compression check 1) 59/80 2) 58/80 3) 62/80 4) 16/80 5) 70/80 6) 72/80 Master Orifice 44 psi---Replaced oil w/8 qts of Phillips 20W50 Mineral oil. Blackstone 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.---Adjusted RPM & Fuel Flow per Cirrus MM and TCM Instruction SIL97-3E ---Reinstalled #4 Cylinder s/n AC14EC764 after Repair by Pacific Continental Engines. Replaced exhaust/intake gaskets, fuel nozzle o-rings & seals w/new. Installed & Torque cylinder per TCM MM Instructions. See 8130 Cert for #4 Cyl. Repair work details by PCE. Leak test checked good.---Reinstalled Alt #1 after Replacing Alt#1 gasket w/new. Run up & Leak test checked good.---Removed Sky-Tec starter s/n 4C3-171625. Installed New Hartzell ES646275-1 Starter s/n H-T052432. Replaced starter o-ring w/new. Function & Leak test checked good. W&B has Changed. See aircraft POH for W&B dated 9/2019.---Reinstalled Starter Adapter after Repair by Pacific Continental Engines. Replaces starter adapter gasket & seal w/new. Leak test checked good.---Adjusted oil pump pressure up per TCM MM, 1 full turn clockwise on relief screw. 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: 10/1/2019 SIGNED:  Work Order: 20554 Kim Davidson Printed by EBis 3 (datamedia.com) Certified Repair Station No. YYK678L</p>

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD Page No. _____

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ENGINE MODEL: **Cirrus Design Factory Service Center**
 TSIO-550-K
 ENGINE S/N: 1010657 4961 Airport Road
 REG NO N911kj Duluth, MN 55811
 WORK ORDER: Phone: 218-788-3049
 TKI0150-10-2019

DATE: 10/24/2019
 A/C TSN: 781.7
 ENG TT: 781.7
 TSMOH:
 TACH: 781.7

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: **Cirrus Design Factory Service Center**
 ENGINE S/N:
 REG. NO: N911kj 4961 Airport Road
 WORK ORDER: Duluth, MN 55811
 TKI0172-11-2019 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 P/N 646433-17A2 S/N C18AA167
 Ops check complete no issues to report. IAW Continental TSIO-550-K 16-1 and Standard Practice Manual M-0... (8) 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

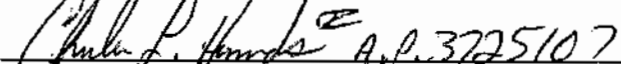
REMOVED INOP THROTTLE ASSEMBLY SN: A14EA243. INSTALLED PN: 656785-4 SN: A16EA018 WITH NEW GASKET PN: 634625-1. INSTALLED I.A.W. E.M.M. AND CIRRUS DESIGN CORP. M.M. TEST RUN AND LEAK CHECK GOOD. WARMED ENGINE. SET IDLE MIXTURE. SET IDLE. INSTALLED NEW UPPER DECK SEAL WASHERS AT INJECTOR BLOCKS. APPROVED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

SUB-TOTAL THIS PAGE
TOTAL - CARRY FORWARD TO NEXT PAGE

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

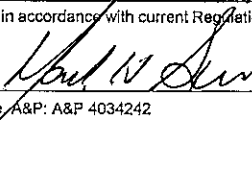
Engine oil change.... Ground ran engine. Removed engine cowling. Drained engine oil and captured Blackstone oil sample. Removed engine oil filter, cut open and inspected for contamination, none noted. Installed new Champion oil filter P/N CH48108-1 and safetied with .032" stainless steel safety wire. 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 cowling. 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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OIL REPORT

LAB NUMBER: L89894
 REPORT DATE: 1/3/2020
 CODE: 80/32

UNIT ID: N911KJ
 CLIENT ID: 29335
 PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: Continental TSIO-550-K1B	OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 41 Hours
	ADDITIONAL INFO: Cirrus SR22T, S/N: 1010657, 0849	

CLIENT	WESTERN AIRWAYS	PHONE: (337) 266-8991
	205 SHEPARD DR	FAX: (337) 266-8991
	STE 2	ALT PHONE:
	LAFAYETTE, LA 70508	EMAIL: jason.henderson@flywesternairways.com, paula.willoughby@flywesternairways.com

COMMENTS WESTERN AIRWAYS: Shortening up the oil change interval was a good call. This Continental wears fine, but longer oil changes tend to produce more cylinder-area wear than average. Doing fewer hours between oil changes will help keep metal from accumulating to abrasive levels. We don't see any problems developing. The fuel and moisture are gone, and insolubles are still reasonable. Good report!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	41	UNIT / LOCATION AVERAGES	59		50	49	2	UNIVERSAL AVERAGES
	MI/HR on Unit			744	711	641	521	472	
	Sample Date	12/17/2019		9/12/2019	2/19/2019	6/4/2018	10/21/2017	7/13/2017	
	Make Up Oil Added			5 qts				0 qts	
ALUMINUM	9	10	13	9	5	9	17	7	
CHROMIUM	20	27	23	30	23	27	37	23	
IRON	72	107	115	133	88	86	148	81	
COPPER	8	10	6	12	9	8	16	12	
LEAD	6529	7824	5818	8650	8939	8106	8901	7973	
TIN	1	1	1	1	0	1	2	2	
MOLYBDENUM	5	6	6	6	5	7	9	7	
NICKEL	24	41	42	55	33	39	52	30	
MANGANESE	1	2	1	2	1	1	3	1	
SILVER	0	0	0	0	0	0	0	0	
TITANIUM	1	1	2	2	1	1	0	1	
POTASSIUM	0	0	1	0	0	0	0	1	
BORON	0	1	1	0	2	0	0	1	
SILICON	13	18	22	34	6	15	15	9	
SODIUM	1	1	1	1	2	0	1	1	
CALCIUM	6	14	17	58	1	2	0	29	
MAGNESIUM	0	0	0	0	0	0	0	1	
PHOSPHORUS	20	525	145	998	979	103	906	248	
ZINC	9	5	3	6	4	4	2	6	
BARIUM	0	0	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	91.5	86-105	92.5	89.3	88.4	99.5	88.7
	cSt Viscosity @ 100°C	18.35	17.0-21.8	18.57	17.81	17.59	20.23	17.66
	Flashpoint in °F	465	>430	440	450	455	430	470
	Fuel %	<0.5	<1.0	1.0	<0.5	<0.5	1.5	<0.5
	Antifreeze %	-		-	-	-	-	-
	Water %	0.0	0.0	POS	0.0	0.0	0.0	0.0
	Insolubles %	0.5	<0.6	0.3	0.4	0.5	0.5	0.4
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com

DLK

2601 Cessna Lane NW Kennesaw, GA 30144 DK7R795J
LOG ID# 21588 14-January-2020 WO# 20007
N911KJ S/N 0649 CIRRUS SR22T
HOBBS 1030.6 TACH 810.1

Pg 1 / 1

AVIATION, INC.

*** 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:

Western Airways LFT

ENGINE S/N:

REG. NO: N911KJ

WORK ORDER: LFT0663-04-2020

100 Jim Davidson Dr.

Sugar Land, TX 77498

Phone: 337-266-8991

DATE: 01 May, 2020

A/C TSN:

ENG TT:

TACH: 849.1

Engine Entries

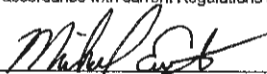
Removed spark plugs, cleaned, gapped and changed crush gaskets. Removed and replaced #6 cylinder top spark plug with new plug PN URHB32E. Installed spark plugs, ground run ops checked good. All work performed IAW Cirrus SR22T AMM 74-20-00.

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:
ENGINE S/N:
REG. NO: N911KJ
WORK ORDER: 0712-06-2020

Western Airways of Lafayette, LLC

125 Shepard Drive
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 TS10-550-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 Suino, A&P: A&P 4034242

Work Order: 0712-06-2020

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ENGINE MODEL:
ENGINE S/N:
REG. NO: N911kj
WORK ORDER:
TKI0578-09-2020



Cirrus Design Factory Service Center

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

DATE 11/17/2020
A/C TSN: 888.5
ENG TT: 888.5
TSMOH:
HOBSBS 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) Ch17-3. 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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ENGINE MODEL:
ENGINE S/N:
REG. NO: N911KJ
WORK ORDER: 0961-11-2020



Lafayette Aircraft Services LLC

125 Shepard Drive
Lafayette, LA 70508 USA
Phone: 337-266-8991

DATE: 01 December, 2020

A/C TSN:

ENG TT:

TACH: 895.5

Engine Entries

Removed engine cowling I/AW Cirrus SR22T M.M. Chapter 71-10-00. Removed cylinder #1 EGT probe. Installed new cylinder #1 EGT probe P/N 24585-001. Ground ran ops checked ok. All work done I/AW Cirrus SR22T M.M. Chapter 77-20-00. Reinstalled engine cowling I/AW Cirrus SR22T M.M. Chapter 71-10-00.

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 December, 2020

SIGNED:


Mark Suiss, A&P: A&P 4034242

Work Order: 0961-11-2020

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ENGINE MODEL: TS10-550-K (1)
ENGINE S/N: 1010657
REG. NO: N911KJ
WORK ORDER: 1093-02-2021



Lafayette Aircraft Services LLC

125 Shepard Drive
Lafayette, LA 70508 USA
Phone: 337-266-8991

DATE: 26 February, 2021
A/C TSN: 914.9
ENG TT: 914.9
TACH: 914.9

Engine Entries

Ground ran engine to operating temperature. Removed engine cowling. Drained engine oil and captured Blackstone oil sample. Removed engine oil filter. Cut open oil filter and inspected for contaminants, none noted. Installed new oil filter Champion P/N CH48108-1 and safetied with .032" stainless steel safety wire. Filled engine with 7 quarts of Phillips X/C 20W50 engine oil and one pint of Cam Guard additive. Ground run leak check ok. Reinstalled engine cowling I/A/W Continental Aerospace Tech. M-O.

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: 26 February, 2021

SIGNED:


Mark Suire, A&P: A&P 4034242

Work Order: 1093-02-2021

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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**

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



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- 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- COMPRESSION , 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.

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.

Dayne Bounds A/P IA 2782783

A handwritten signature in blue ink, appearing to read 'Dayne Bounds', written over a white background.



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TACH: 1025.5**CONT MOTOR, TSIO-550-K, S/N: 1010657****March 28, 2022**

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.

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.

Taylor Stringfield A/P 4285189

A handwritten signature in black ink, appearing to be 'T. Stringfield', written over a horizontal line.