

# **ENGINE LOG BOOK**



## Service Information

Consult the Continental Motors web site at [continentalmotors.aero](http://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: 03/23/2017





Test Date: 03/23/2017

This engine model TSI0550K1B, serial number 1033899 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.

*Thomas Howard*

**CONTINENTAL MOTORS, INC.**

Form 6012-03 (Rev Sept 2014)

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>  Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
	<div>Model: SR22T S/N: 1540 Reg. No: N122PJ</div> <div><b>CORPORATE</b> FLIGHT MANAGEMENT 276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600</div> <div>Engine S/N 1033899</div> <div>Date: 13 June 2017 TAT: 28.4 Hobbs: 33.9</div> <div>Maintenance: -Complied with 25 hour Demo Care inspection Ref Cirrus Demo Care inspection for 25 hour. -Complied with oil and filter change IAW AMM 12-00. Cut open filter, inspected for metal, none found at this time. AA48108-2, 8qts Phillips 20W50. -Adjusted Fuel Flow and Map Pressure Ref Cirrus Document 90050 Rev G.  The Engine identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No JWN1108</div> <div>Signed:  For: Corporate Flight management Certified Repair Station No FJTR920D Form CFM 007</div>				
	<div>Model: SR22T S/N: 1540 Reg. No: N122PJ</div> <div><b>CORPORATE</b> FLIGHT MANAGEMENT 276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600</div> <div>Engine S/N 1033899</div> <div>Date: 07 July 2017 Hobbs: 60.5 Flight: 51.6</div> <div>Maintenance: -Complied with oil and filter change IAW AMM 12-00. Cut open filter, inspected for metal, none found at this time. AA48108-2, 8qts Phillips 20W50.  The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No JW1142</div> <div>Signed:  For: Corporate Flight management Certified Repair Station No FJTR920D Form CFM 007</div>				



289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

Fax: 425-277-2689

Manufacturer: Teledyne Continental Motors  
Part/Model number: TSIO-550-K  
Work Order No: 1201

TSN/TSO: 102.40 / N/A  
Serial Number: 1033899

CSN/CSO: N/A / N/A

Date: August 18, 2017

#### Squawk


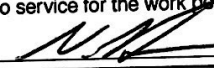
- 2.1 Inspected and serviced aircraft in accordance with Cirrus CMX 100 hour inspection. Removed, cleaned, and reinstalled fuel injectors in accordance with TCM M-0.
- 2.2 Drained engine oil while hot and took oil sample (AOA). Removed spin on oil filter and inspected element for debris. No unusual contamination noted. Installed, torqued, and safetied new p/n CH48108-1 filter. Serviced engine with 8 quarts Phillips 20W50 oil. Test ran and leak checks OK.
- 2.3 Adjusted manifold pressure controller as necessary in accordance with TCM M-0.


These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 1201.

Quinn (SEAN)

AP3560704


Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

MAINTENANCE ENTRY					
					
Aircraft N#:	N122PJ	Aircraft S/N:	1540	AirframeTT:	Hobbs: 173.0 LNDG: Flight: 143.6
APU S/N:		#1 ENG S/N:	1033899	#1 ENG TT:	143.6 CYC:
APU HRS:		#2 ENG S/N:		#2 ENG TT:	CYC:
APU Events:		#3 ENG S/N:		#3 ENG TT:	CYC:
<p>The following tasks were complied with under Airtech Work Order 100317-01</p> <p>2 50 HOUR OIL CHANGE - Complied with 50hr oil and oil filter change Ref SR22T AMM 12-10-00. Serviced to proper limits with Phillips 66 brand SAE20W50 oil. I P/N on: SpinEZ AA48108-2, P/N off: Champion CH48108-1   S/N on: NSN, S/N off: NSN</p> <p>4 PERFORM OIL SOAP SAMPLE - C/w oil sample and sent out for analysis as required.</p> <p>5 PERFORM 50 HOUR INTERVAL MAINTENANCE ITEMS - C/w scheduled 50 hr interval items as required IAW Cirrus maintenance schedule and Cirrus SR 22 AMM.</p>					
<p align="center"><b>APPROVAL FOR RETURN TO SERVICE</b></p> <p>I certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration, Airtech RSM, CIRBUS SR22 Aircraft Maintenance Manual 5-20, Hartzell POM, and is approved for return to service for the work performed.</p>					
Date: 10-9-2017 Authorized Signature: 			Certificate Number: CRS 5A8D960B		1 of 1
Pertinent details of the work performed under Airtech work order 100317-01 are retained on file at FAA repair station #5A8D960B					

MAINTENANCE ENTRY					
					
Aircraft N#:	N122PJ	Aircraft S/N:	1540	AirframeTT:	228.8 LNDG: Flight: 188.8
APU S/N:		#1 ENG S/N:	1033899	#1 ENG TT:	228.8 CYC: Flight: 188.8
APU HRS:		#2 ENG S/N:		#2 ENG TT:	CYC:
APU Events:		#3 ENG S/N:		#3 ENG TT:	CYC:
<p>The following tasks were complied with under Airtech Work Order 121517-02</p> <p>1 100 HR INSPECTION - C/W 100 Hr insp Ref Cerrus SR22 / SR22T A.M.M. Section 5-20.scheduled Mx.</p> <p>2 200 HR INSPECTION - C/W 200 Hr insp Ref Cerrus SR22 / SR22T A.M.M. Sectio 5-20 Scheduled Mx.</p> <p>5 INDUCTION DRAIN CONNECTORS NEED TO BE REMOVED AND CLEANED. - Removed and cleaned induction drain connectors. Re-installed with new seal. Ref Continental Engine Standard Practices Maintenance Manual Section 10-3</p> <p>6 REPLACE INDUCTION AIR FILTERS. - Removed and Replaced induction filters with new filters. Ref SR22 MM 71-60.   P/N on: 27166-001, P/N off: 27166-001   S/N on: N/A, S/N off: N/A</p>					
<p align="center"><b>APPROVAL FOR RETURN TO SERVICE</b></p> <p>I certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration, Airtech RSM, CIRBUS SR22 Aircraft Maintenance Manual 5-20, Hartzell POM, Continental TSIO-550-K MM, and is approved for return to service for the work performed.</p>					
Date: 12-18-2017 Authorized Signature: 			Certificate Number: CRS 5A8R960B		1 of 1
Pertinent details of the work performed under Airtech work order 121517-02 are retained on file at FAA repair station #5A8R960B					

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

<b>MAINTENANCE ENTRY</b>			
Aircraft N#:	N122PJ	Aircraft S/N:	1540
APU S/N:		#1 ENG S/N:	1033899
APU HRS:		#2 ENG S/N:	
APU Events:		#3 ENG S/N:	
Airframe TT:	Hobbs: 273.9	LNDG:	Flight: 228.5
#1 ENG TT:	Hobbs: 273.9	CYC:	Flight: 228.5
#2 ENG TT:		CYC:	
#3 ENG TT:		CYC:	

The following tasks were complied with under Airtech Work Order 021218-02

2 50 HOUR INSPECTION DUE. - Complied with 50 hr interval inspection as required. Ref Cirrus Maintenance Schedule, SR22T Maintenance Schedule, and TSIO 540K maintenance schedule.

3 50 HOUR OIL CHANGE. - Complied with 50hr oil and oil filter change. Serviced to proper limits with Phillips 66 brand oil SAE20W50. Ref Continental TSIO 540 MM 6-4.8.2 | P/N on: AA48109, P/N off: AA48108 | S/N on: NSN, S/N off: NSN

4 CUSTOMER REQUESTS COMPRESSION CHECK. - Performed compression check. Ref Continental Eng Standard Practices Manual 6.4.11.2. Found within limits at this time.

**APPROVAL FOR RETURN TO SERVICE**

I certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration, Airtech RSM, CIRRUS SR22 Aircraft Maintenance Manual 5-20, Hartzell POM, Continental TSIO-550-K MM., and is approved for return to service for the work performed.

Date: 2-17-2018 Authorized Signature: [Signature] Certificate Number: CRS 5A8R960B 1 of 1

Pertinent details of the work performed under Airtech work order 021218-02 are retained on file at FAA repair station #5A8R960B

ENGINE MODEL:  
TSIO-550-K (1B)  
ENGINE S/N: 1033899  
REG. NO: N122PJ  
WORK ORDER:  
5665-03-2018

**ADVANCED Fly Advanced**

Repair Station No. 5T2R901C  
530 Airport Rd.  
Lutz, PA 17543  
Phone: 717-735-5179

DATE: 5/25/2018  
A/C TSN: 297.7  
ENG TT: 297.7  
HOBBS: 358.5

**Engine Entries**

Annual Engine Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM checklist ch 5-20. Compression check (x/80) 1: 68 2: 68 3: 68 4: 64 5: 64 6: 53. MO 46. Drained and sampled the oil, removed and inspected the oil filter, no defects noted. Installed a new oil filter and serviced the engine with 8 quarts of Phillips XC 20W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2018-10.... Removed and replaced MAT sensor.... C/W SB 2X-79-07R1 Oil return line chafing.... C/W SB 2X-79-10 Turbocharger oil check valve filter installation, by installation of check valve filter and hose assembly. SB completed along with Continental SIL 17-02.... Installed missing right intercooler mounting hardware as required.... Removed and replaced all rocker cover gaskets.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 5/25/2018

SIGNED: [Signature]  
Josh Ferry  
Certified Repair Station No. 5T2R901C

Work Order: 5665-03-2018  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: N122PJ  
WORK ORDER:  
1700-04-2018

**Lone Mountain Aircraft Maintenance**

2460 Greentree Road  
Hangar 12  
Lebanon, Ohio 45036  
Phone: 888-566-3686

DATE: 4/9/2018  
A/C TSN: 316.6  
ENG TT:  
TACH: 261.6

**Engine Entries**

(1) Drained oil and replaced with 7 quarts of Aeroshell 15W-50. Oil sample taken and sent to Blackstone for analysis. Removed old filter, opened and inspected pleats for foreign material, no defects noted at this time. Installed and safetied tempest oil filter p/n AA48108-2. Performed engine run for leak check, no leaks noted

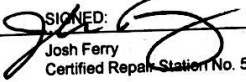
DATE: 4/9/2018

SIGNED: [Signature]  
Adrian Bayer, A&P: 3724933

Work Order: 1700-04-2018  
Printed by EBis 3 (datcomedia.com)

06/02/2018  
incorrect  
order  
JX



Engine Service and Maintenance Record					
Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
<div>ENGINE MODEL: TSIO-550-K (1B) ENGINE S/N: 1033899 REG. NO: N122PJ WORK ORDER: 5956-08-2018</div> <div><b>ADVANCED</b> Fly Advanced Repair Station No. 5T2R901C 530 Airport Rd. Litz, PA 17543 Phone: 717-735-5179</div> <div>DATE: 8/24/2018 A/C TSN: 338 ENG TT: 338 HOBBS: 410.6</div>					
<b>Engine Entries</b> Drained the engine oil and replaced filter. Serviced engine with 8 qts of Phillips 20W50 X/C. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.					
<b>Maintenance Release</b> The aircraft and/or component(s) on N122PJ was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.					
DATE: 8/24/2018 SIGNED:  Josh Ferry Certified Repair Station No. 5T2R901C Work Order: 5956-08-2018 Printed by EBis 3 (datcomedia.com)					



289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com

**Manufacturer:** Teledyne Continental Motors  
**Part/Model number:** TSIO-550-K  
**Work Order No:** 2085

**Hour Meter:** 360.2  
**TSN/TSO:** 360.20 / N/A  
**Serial Number:** 1033899  
**Date:** 10/11/2018

**CSN/CSO:** N/A / N/A

#### Squawk

2.2 Adjusted manifold pressure controller as necessary to maintain manifold pressure in limits at max power.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 2085.

Sean Quinn (SEAN) 

AP3560704

\*\*\* End of Document \*\*\*

### Log Book Entry



289 E Perimeter Rd.  
Renton, Washington 98057  
United States

Telephone: 425-204-0845

www.aceaviationinc.com

**Manufacturer:** Teledyne Continental Motors  
**Part/Model number:** TSIO550K  
**Work Order No:** 2124

**Hour Meter:** 380.6  
**TSN/TSO:** 380.60 / N/A  
**Serial Number:** 1033899  
**Date:** 11/2/2018

**CSN/CSO:** N/A / N/A

#### Squawk

2.1 Drained engine oil while hot and took oil sample (AOA). Removed spin on oil filter and inspected element for debris with no unusual contamination noted. Installed, torqued, and safetied new CH48108-1 filter. Serviced engine with 8 quarts Phillips 20W50. Test ran and leak checks OK.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 2124.

Jake Johnson (JAKE) 

AP#3796010

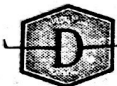
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Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record			
Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
<div style="font-size: 2em; font-weight: bold;">→</div>		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>ENGINE MODEL:</b> TSIO-550-K (1B) <b>ENGINE S/N:</b> 1033899 <b>REG. NO:</b> N122PJ <b>WORK ORDER:</b> 6268-01-2019 </div> <div style="width: 45%; text-align: center;"> <div style="font-weight: bold; font-size: 1.1em;">ADVANCED Fly Advanced</div> <div style="font-size: 0.8em;"> Repair Station No. 5T2R901C  530 Airport Rd.  Lititz, PA 17543  Phone: 717-735-5179 </div> </div> </div> <div style="text-align: right; font-size: 0.8em;"> <b>DATE:</b> 2/1/2019  <b>A/C TSN:</b> 421.9  <b>ENG TT:</b> 421.9  <b>HOBBS:</b> 522.6 </div>		<b>Engine Entries</b> Annual Engine Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM checklist ch 5-20. Compression check (x/80) 1: 74 2: 58 3: 60 4: 76 5: 58 6: 75. MO 46. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 8 quarts of Phillips XC 20W-50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. Final run up/leak check good. All Ad's current thru 2019-02.... C/W Continental SIL 17-02 Turbocharger Check Valve Filter Cleaning.... C/W 500 Hour Magneto Inspection on both mags, disassembled, cleaned and inspected both mags. Installed new distributor gear kits, distributor blocks, garlock seals, points, intake and mag gaskets. Replaced both capacitors. Both coils are within limits. Set the internal timing and timed mags to the engine.... Removed and replaced the starter adapter assembly with new P/N: 658440A3, installed with new gasket. Removed Continental starter assembly P/N: 657596, S/N: 4C3-191622 (6.6 lbs.) and replaced with new Hartzell PM Series starter assembly P/N: 658741, S/N: H-R120362 (10.0 lbs). Weight and Balance revised in the POH.... Removed and replaced the #4 cylinder upper spark plug with P/N: URHB32E.... Removed and replaced the #6 cylinder assembly with new P/N: 658595A3, S/N: AC181A912 (Removed S/N: AC16LA009). Installed with new piston pin P/N: 649703.			
		I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>DATE:</b> 2/1/2019   <div style="text-align: center;"> <b>SIGNED:</b>    Josh Ferry  Certified Repair Station No. 5T2R901C </div> </div> <div style="width: 45%; text-align: right;"> <b>Work Order:</b> 6268-01-2019  Printed by EBis 3 (datcomedia.com) </div> </div>			
				<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>ENGINE MODEL:</b> TSIO-550-K (1B) <b>ENGINE S/N:</b> 1033899 <b>REG. NO:</b> N122PJ <b>WORK ORDER:</b> 6308-01-2019 </div> <div style="width: 45%; text-align: center;"> <div style="font-weight: bold; font-size: 1.1em;">ADVANCED Fly Advanced</div> <div style="font-size: 0.8em;"> Repair Station No. 5T2R901C  530 Airport Rd.  Lititz, PA 17543  Phone: 717-735-5179 </div> </div> </div> <div style="text-align: right; font-size: 0.8em;"> <b>DATE:</b> 3/22/2019  <b>A/C TSN:</b> 444.6  <b>ENG TT:</b> 444.6  <b>HOBBS:</b> 549.4 </div>		<b>Engine Entries</b> Removed and replaced the manifold pressure sensor.... Adjusted RPM for proper takeoff and cruise RPM.	
				<b>Maintenance Release</b> The aircraft and/or component(s) on N122PJ was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>DATE:</b> 3/22/2019   <div style="text-align: center;"> <b>SIGNED:</b>    Joel A. Glover  Certified Repair Station No. 5T2R901C </div> </div> <div style="width: 45%; text-align: right;"> <b>Work Order:</b> 6308-01-2019  Printed by EBis 3 (datcomedia.com) </div> </div>	
						<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>ENGINE MODEL:</b> TSIO-550-K (1B) <b>ENGINE S/N:</b> 1033899 <b>REG. NO:</b> N122PJ <b>WORK ORDER:</b> 6530-05-2019 </div> <div style="width: 45%; text-align: center;"> <div style="font-weight: bold; font-size: 1.1em;">ADVANCED Fly Advanced</div> <div style="font-size: 0.8em;"> Repair Station No. 5T2R901C  530 Airport Rd.  Lititz, PA 17543  Phone: 717-735-5179 </div> </div> </div> <div style="text-align: right; font-size: 0.8em;"> <b>DATE:</b> 6/4/2019  <b>A/C TSN:</b> 462.7  <b>ENG TT:</b> 462.7  <b>HOBBS:</b> 573.7 </div>	
<b>Maintenance Release</b> The aircraft and/or component(s) on N122PJ was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.						<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>DATE:</b> 6/4/2019   <div style="text-align: center;"> <b>SIGNED:</b>    Joshua J. Ferry  Certified Repair Station No. 5T2R901C </div> </div> <div style="width: 45%; text-align: right;"> <b>Work Order:</b> 6530-05-2019  Printed by EBis 3 (datcomedia.com) </div> </div>	

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal, installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

carried f

ENGINE MODEL:  
TSIO-550-K  
ENGINE S/N: 1033899  
REG. NO: 122PJ  
WORK ORDER: 20691



**Kim Davidson Aviation, Inc.**

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 12/2/2019  
A/C TSN: 516.2  
ENG TT: 516.2  
FLIGHTTIME: 516.2

**Engine Entries**

Replaced oil with 8 qts of Phillips 20W50. 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 checks good and no leaks noted. ---Inspect exhaust for soot, distortion and general condition

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.

DATE: 12/2/2019

SIGNED:

Work Order: 20691

Kim Davidson  
Certified Repair Station No. YYKR678L

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# Engine Service and Maintenance Record

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

DATE: 12/2/2019  
A/C TSN: 516 2  
ENG TT: 516 2  
FLIGHTTIME: 516 2

Carried f

ENGINE MODEL:  
TSIO-550-K  
ENGINE S/N: 1033899  
REG NO: 22PJ  
WORK ORDER: 20691



Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (310) 310-6293 (Avionics 310-391-0692)

## Engine Entries

Replaced oil with 8 qts of Phillips 20W50. 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 checks good and no leaks noted. Inspect exhaust for soot, distortion and general condition

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.

DATE: 12/2/2019

SIGNED:

Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 20691

Printed by EBis 3 (datcomedia.com)



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 03/02/20 W. O.: AM09811

Acraft Make/Model: Cirrus SR22T

Eng. Make/Model: TCM TSIO-550-K1B

Tach. time: 0534.2 Eng. SMOH: N/A

N#: N112PJ

Serial#: 1540

Serial#: 1033899

Eng. TT: 0534.2

## Engine Log:

- Complied with an 100 hr. Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B8 dated 04/Sep 2018 and other current data.
- Compressions: #1 65/80, #2 58/80, #3 39/80, #4 50/80, #5 47/80, #6 61/80. NOTE SP 6-4.11 min test prex 38 psi.
- Changed oil and filter. Serviced with 8 Qts Phillips 20W-50 X/C, and AA48108-2 (C of C).
- Cd/W MSB 2X-71-33 IAW with TCM Doc. SB18-08 instructions.
- Repaired heat sheath on Turbo scavenge to starter drive hose using Hi-temp 736 RTV and re-indexed starter drive AN fitting to eliminate interference.
- Grd run Acraft. Leak checked NORMAL!

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru issue 2020-05.

## "Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature:

for CRS# IKBR028F

## ENGINE LOG

2/17/20201

Reg: N112PJ

Make: CIRRUS

Hobbs: 724.0

Eng. S/N: 1033899

Model: IO-550K

Tach: 583.3

TTSMOH: 724.0

- C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using TCM/Cirrus AMM as a guide.
- Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
- Checked compressions #1:60 #3: 54 #5: 44 #2: 46 #4: 52 #6: 70

I certify that this engine has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P-I/A 3303419 JEFF PLEIMAN

Signed

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