

The Standard

ENGINE LOG

ASA-SE-2

Engine Record General Information

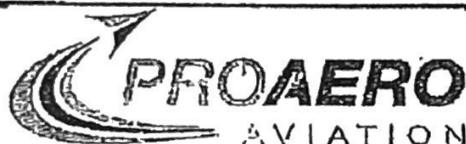
Manufacturer Continental **Model** TSIO-550-K(1)
Serial 1034229 **Type Certificate** _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____ **Oil Grade** Summer _____ Winter _____
Magneto Time _____ **Point Setting** _____ **Firing Order** _____
Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

| YEAR 20 _____ DATE | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|--------------------------|---------------------------|-------------------|-----------------------------|---|
|--------------------------|---------------------------|-------------------|-----------------------------|---|



2965 Airport Road,
Kamloops B.C. V2B 7W8 Canada

A.M.O. No.: 15-82

Form# 14b-05

LOGBOOK INSERT

Engine Make: Continental

T.T.S.N.: 31.2

Engine Model: TSIO-550-K (1)

Work Order #: E260

Engine Serial Number: 1034229

T.S.O.: 31.2

Description of work:

This engine was repaired & test run in accordance with work order: E260

This engine was test run in accordance with the Pro Aero Aviation Ltd. Maintenance Equivalent Standard: #001.

C.S.B. 668, M.S.B. 94-8D and M.S.B. 96-10B performed in accordance with our Conformity Report dated Nov. 9, 2018 in the RECORD OF ENGINE A/D, S/B, S/I AND MODS section of logbook.

It is the owner's responsibility to monitor ADs, SBs and SIs to ensure they are complied with.

Starter adapter repaired in accordance with CAM PDA01-11 Issue 2.

This engine was disassembled, inspected, new parts installed & test run in accordance with the Continental Overhaul Manual M-18 Change 0, Maintenance Manual M-0 Change 6, torqued in accordance with Pro Aero Aviation Ltd. MES#002 Rev. 3 and is conditional to the outstanding maintenance listed under the installer responsibilities being carried out satisfactorily.

Cylinders were repaired. Magnetos were 500-hour inspected. All other accessories were time-continued.

Install turbochargers, wastegate, controllers, exhaust system and induction system. Prior to flight: fuel pressures, fuel flow, manifold pressure, oil pressure, idle mixture, idle RPM, maximum RPM and alternator belt alignment need to be checked in accordance with airframe and engine manufacturer's technical data.

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Date: December 4, 2018

Signature of authorized person

PAAL
SCA 11

Scott Norsworthy - SCA PAAL# 11



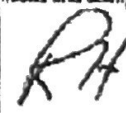


Conformity Report

11_10_RPT_CONFORMITY_REV2 15 SEP 2016

TSIO-550-K
S/N: 1034229
W/O: E260

DATE: Nov. 9, 2018

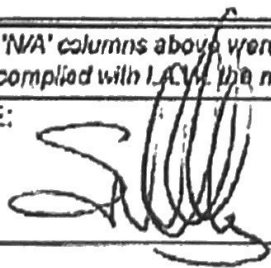
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mber of
entries.)

| A.D., S.B. ETC. | DESCRIPTION OF A.D., S.B., M.S.B. ETC. | FOUND COMPLIED | N/A |
|------------------|--|--|-----------------------------------|
| A.D. 93-10-02 | (M.S.B. 93-12) CYLINDER VALVE RETAINING KEY | | X5 |
| A.D. 99-09-17L | Superseded by A.D. 99-19-01 | | |
| A.D. 99-19-01 | (M.S.B. 99-3C, C.S.B. 99-6D) CRANKSHAFT INSPECTION FROM S/N Axx98xxN-Lxx99xxN | | X4 |
| A.D. 2000-08-51E | Superseded by A.D. 2000-23-21 | | |
| A.D. 2000-23-21 | (M.S.B. 00-6D) CRANKSHAFT MATERIAL INSPECTION FROM S/N Axx98xxN-A00CZxxx | | X4 |
| A.D. 2004-08-10 | (MSB 04-1 Rev.2) ECI MANDATORY CYLINDER INSPECTION 620 & 650 SERIES WITH CASTING AEC85385 | | X3 |
| A.D. 2009-24-51 | Superseded by A.D. 2009-24-52E & A.D. 2010-11-04 | | |
| A.D. 2010-07-08 | (M.S.B. 10-3, 98 039A) KAES TURBINE WHEEL REPLACEMENT | | X1 |
| A.D. 2010-11-04 | (M.S.B. 09-8A) HYDRAULIC LIFTERS P/N 657913, 657915 AND 657916 | | X3 |
| A.D. 2011-25-51E | Superseded by A.D. 2012-10-13 | | |
| A.D. 2012-03-08C | (AFS-SB5 Rev.2) AVSTAR FUEL SERVO DIAPHRAGM | | X1 |
| A.D. 2012-10-13 | (M.S.B. 11-4B) FRACTURED SHAFT GEAR ON STARTER ADAPTER P/N (R-1642085A17, 18, 19, 20, 22, 1A1 | | X5 |
| A.D. 2016-16-12 | CM 520, 650 & MODIFIED 470 ENGINES WITH ECI CYLINDER P/N AEC831897 S/N 1 THROUGH 81178 | | X3 |
| A.D. 2016-21-04 | (C.S.B. 16-7D) INSPECTION/REPLACEMENT OF OIL COOLER CROSS FITTING | | X2 |
| CF-80-03R2 | INSPECTION OF EXHAUST TYPE CABIN HEATERS. Damaged exhaust returned to customer. | | X8 |
| CF-2005-40 | NON-CONFORMANCE OF MAINTENANCE BY B.C. AERO ENGINES FROM FEB. 1, 2002 TO JUL. 18, 2004 | | X5 |
| C.S.B. 01-1 | FUEL PUMP INSPECTION & TEST FOR PUMPS WITH 2 BOSSES SERVICED BETWEEN Jul. 98 & Dec. 2000 | | X5 |
| C.S.B. 12-1 | LOCK PLATE INSPECTION OF FACE GEAR SCREWS. N/A by rebuild. | | X8 |
| C.S.B. 17-08 | (ASB 074A) HARTZELL TURBOCHARGER CENTER HOUSINGS S/N H-UJEL00034 TO H-UJRO0098 | | X4 |
| C.S.B. 669 | S-20, S-200 & SC HARNESS COVER TORQUE. Torqued cover screws in accordance with bulletin. No defects found. | Initials and stamp:  | SCA 15 PAAL SCA 15 15-82 |
| M.S.B. 94-8D | MAGNETO TO ENGINE TIMING. Timed magnetos in accordance with bulletin. No defects found. | Initials and stamp:  | SCA 15 PAAL SCA 15 15-82 |
| M.S.B. 99-10B | CRANKSHAFT ULTRASONIC INSPECTION. Inspected crankshaft in accordance with bulletin. No defects found. | Initials and stamp:  | SCA 5 PAAL SCA 5 15-82 |

The A.D.s & S.B.s in the 'FOUND COMPLIED' or 'N/A' columns above were found previously complied with or not applicable. The A.D.s & S.B.s complied with during this overhaul or repair were complied with I.C.V. the maintenance described above and the Form One Release Certificate.

- (1) N/A by engine P/N
- (2) N/A by engine S/N
- (3) N/A by component P/N
- (4) N/A by component S/N
- (5) N/A by date
- (6) Other as recorded
- (7) Not received

SIGNATURE:



STAMP:

PAAL
SCA 11
15-82

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2601 Cessna Lane NW Kennesaw, GA 30144 DK7R795J
 LOG ID# 23325 24-September-2021 WO# 21177-0
 N928CS S/N 0636 CIRRUS SR22T
 HOBBS 2412.2 TACH 1993.4
 TTENG 31.2 TTSMOH 31.2

Pg 1

*** ENGINE LOG ENTRY ***

INSTALLED ENGINE TSIO-550-K SN 1034229 IAW CIRRUS SR22T MM 71-00. OPERATIONAL CHECKS OK. SERVICED ENGINE WITH AEROSHELL 50/100 MINERAL OIL. RAN ENGINE AND INSPECTED FOR LEAKS, NONE NOTED. INSTALLED TURBOCHARGERS AND EXHAUST SYSTEM IAW TSIO550K MM M-18. ADJUSTED FUEL SYSTEM IAW CMI MM M-0. RAN ENGINE AND INSPECTED FOR LEAKS, NONE NOTED. PERFORMED POST MAINTENANCE OPERATIONAL RUN, ALL CHECKS NORMAL. REINSTALLED L/H TURBO PN 466304-0003 OVERHAULED BY MAIN TURBO SYSTEMS WO #61133 IAW CIRRUS SR22T MM 81-20. INSTALLED NEW RT REAR BAFFLE P/N 15469-010 IAW CIRRUS 71-00. INSTALLED R/H TURBO P/N 646677 SN H-QIL00006 OVERHAULED BY MAIN TURBO SYSTEMS WO #61132 IAW CIRRUS SR22T MM 81-20. INSTALLED NEW WASTEGATE ASSEMBLY P/N 657121-4 IAW CIRRUS SR22T MM 78-20. INSTALLED NEW SPINNER BAFFLE P/N 15480-003 IAW CIRRUS 71-00. REPLACED R/H FRONT BAFFLE P/N 15487-007 IAW CIRRUS AMM 71-00. INSTALLED ELECTRO AIR IGNITION/STARTER SWITCH PANEL P/N EA-15000 S/N 21-209 IAW SA04280CH AND INSTALLATION MANUAL IM EA-15000 REVISION 1 DATED 02/04/202. OPERATIONAL AND FUNCTIONAL CHECKS OK. NO WEIGHT AND BALANCE ADJUSTMENT NEEDED. INSTALLED #1 TANIS HEATER ASSEMBLY IAW 71-00. REMOVED AND REPLACED L/H INTERCOOLER IAW CIRRUS SR22T 71-60. GROUND CHECK GOOD. INSTALLED NEW AFT LH FILTER BOX WELDMENT IAW CIRRUS SR22 MM 71-60. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

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#21177 DATED SEPT 24 2021.

Signed DK7R795J FOR DLK AVIATION

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wo: WO_234



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Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N928CS Tach 2009.5

CONTINENTAL, TSIO-550-K, S/N: 1034229

August 21, 2023

1. C/W Annual Inspection in accordance with FAR 43 Appendix D using Cirrus AMM as a guide.
2. Checked Compressions: #1:76/80, #3:77/80, #5:76/80, #2:76/80, #4:76/80, #6:74/80 M/O:45.
3. Checked Magneto timing.
4. Removed and replaced Induction air filter Installed P/N 50207-200 - Brackett Replacement Filter Element, BA-24.
5. Removed gascolator and inspected. Installed with new O-ring. Installed P/N MS29513-137 - O-Ring.
6. C/W AD 20-16-11 per Continental MSB 18-08C, due to part number of cylinders installed.

I certify that this ENGINE has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO_234.

Jeff Pleiman A/P I/A 3304319

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