

AIRCRAFT LOG

[illegible]

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.)
			 TSMOH: 0 Engine was disassembled, cleaned, inspected, and assembled IAW TCM overhaul manual and TCM illustrated parts catalog. The engine was overhauled. All Airworthiness Directives complied with. See attached AD log for details. All new parts installed are listed on the attached parts list. The following new or overhauled parts installed, Ram gear 2078-1 CSB05-8D. Ram gear 2075-11 SB08-12. See attached detailed parts list. Information about this engine on file, reference WO# 21012. William L Wagner A&P [REDACTED] [REDACTED] Make: Continental Date: 10-8-2021 Model: TSIO-520-C S/N: 501630

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.)

Date: 10-11-2023 Continental TSIO-520-C S/N 501630 TACH Time: Since Overhaul: 0 752 7

Engine

752.7

Removed and reinstall Engine after major overhaul with new teflon hoses from Ram.
Checked all AD's Biweekly

I certify this engine has been inspected according to an 100 hr inspection and found to be in airworthy condition.

AP [REDACTED] IA Earl Pittinger

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company

Make/Model Continental -- TSIO-520-C

Location

Tail #

Serial #

TSMOH

Total Time

Biweekly Number 2023-21

AD Number	Description
70-13-03	BALANCE TUBE ASSEMBLY/
* 77-05-04	CRANKSHAFT FAILURE/
* 77-13-22 R1	CRANKCASE CRACKS/
79-05-09	OIL PRESSURE RELIEF VALVE/
80-01-04	CYLINDER HOLDDOWN FLANGES/
* 81-24-06	FUEL PUMP/
* 86-13-04 R3	CYLINDER ASSEMBLIES/
* 87-23-08 (SS by 97-26-17)	CRANKSHAFT FATIGUE CRACKS/
88-03-06	OIL FILTER/
91-19-03	CHAMPION OIL FILTER/
93-08-17	INCORRECT OIL PICK-UP TUBE/
93-10-02	CYLINDER VALVE RETAINER/
94-14-12 (SS by 95-21-15)	LOW OCTANE DETONATION/
95-21-15	ENGINE TEARDOWN AND ANALYTICAL INSPECT./
* 97-26-17	CORRECTION - CRANKSHAFT FATIGUE CRACKS/
PL99-09-17 (SS by 99-19-01)	CRANKSHAFT FAILURE/
99-19-01	CRANKSHAFT FAILURE/
* PL2000-08-51 (SS by 2000-23-21)	CRANKSHAFT CONNECTING ROD JOURNAL FRACTURE/
00-23-21	FRACTURE OF THE CRANKSHAFT CONNECTING ROD JOURNAL/
04-08-10	PREVENT LOSS OF ENGINE POWER/
* 09-16-03 (SS by 2014-05-29)	TO PREVENT THE SEPARATION OF THE CYLINDER HEAD/
* 09-19-07	CORRECTION - TO PREVENT LOSS OF ENGINE POWER DUE TO CRACKS IN THE CYLINDER HEAD, POSSIBLE ENGINE FAILURE, AND FIRE IN THE ENGINE COMPARTMENT/
* 09-24-51 (SS by 2009-24-52)	TO ADDRESS RAPID WEAR ON THE FACE OF HYDRAULIC LIFTERS/
* 09-24-52 (SS by 2010-11-04)	TO ADDRESS RAPID WEAR ON THE FACE OF HYDRAULIC LIFTERS/
* 10-11-04	TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR/
* 12-03-06	TO PREVENT AN IN-FLIGHT SHUTDOWN DUE TO A FAILED FUEL SERVO DIAPHRAGM/
* 14-05-29	SUPERIOR AIR PARTS INVESTMENT CAST CYLINDER ASSEMBLIES/
16-16-12	ECI CLASS 71 OR CLASS 76 CYLINDER ASSEMBLY FAILURES/

Airworthiness Directive Compliance Record

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Total Time

Biweekly Number

2023-21

AD Number

Description

22-16-03

S-1200 SERIES MAGNETOS ROLLER BEARINGS IMPROPER LUBRICATION/

cu at overhaul.

23-02-12

INTAKE VALVE FAILURES/

cu at overhaul.

23-04-08

(SS by 2023-05-16)

CRANKSHAFT ASSEMBLY COUNTERWEIGHT RETAINING RINGS IN THE COUNTERWEIGHT GROOVE/

SS.

23-05-16

IMPROPER INSTALLATION OF COUNTERWEIGHT RETAINING RINGS/

cu at overhaul

Prepared by

Date

10-11-23

* Indicates possible recurring inspections Tdata, Inc (Tdata.com)