

ENGINE LOG BOOK







The subject aircraft was involved in an incident / accident on **6/20/2025** rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: **6630189297US**.




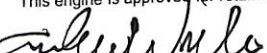
Signed: ***Underwriters Salvage Company***

Date: **10/2/2025**

AI G Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

[illegible][illegible]

Date	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					
Carried forward →					
<div><div><div>Loyd's AIRCRAFT MAINTENANCE, INC. (661) 393-1588 Fax (661) 393-2502</div></div><div>SO# 19846</div><div>N 5LB Tach: 3924.10 Eng. TT: 284.10 Engine S/N: 1011186 Date: 7/3/2019</div></div>					
Work Accomplished					
Engine -					
Discrepancy: Annual inspection due. Resolution: Completed a 100 hour/ annual inspection this date in accordance with FAR 43 Appendix D, and Textron Aviation/Cessna MM ML-C-200-70,D2057, REV 3, Dated: 01 MAR 96. Performed compression check with the following results: #1 - 78/80, #2 - 15/80, #3 - 78/80, #4 - 20/80, #5 - 78/80, #6 - 75/80. Retested after cylinder replacement: #2-78/80, #4- 75/80.					
Discrepancy: Oil change due. Resolution: Drained oil and installed new filter CH48109-1. Cut open filter and inspected for metal contamination. No visible metal found at this time. Serviced engine with 10 quarts Aeroshell 50 Mineral oil. Washed engine and cowl. Ground run and leak check good.					
Discrepancy: Oil sample due. Resolution: Oil samples taken and sent to A.O.A. for analysis.					
Continued on next page:					
Discrepancy: Cylinders #2, #4 have low compression. Resolution: Cylinders 2, 4 removed and sent to Ly-Con Rebuilding for repair. Reinstalled repaired cylinder assemblies with new gaskets. See form 8130 for further information on repairs accomplished.					
Discrepancy: Spark plugs worn. Resolution: Installed 24 new spark plugs, torqued per mfg. specifications.					
Discrepancy: Oil hose from engine to turbocharger leaking. Resolution: Installed new hose. Leak check satisfactory.					
I certify that a 100 hour/ Annual inspection was performed on the above aircraft, in accordance with FAR 43, Appendix D, and Textron Aviation/Cessna MM ML-C-200-70,D2057, REV 3, Dated: 01 MAR 96.					
This engine is approved for return to service with respect to the work performed.					
 Mark W Wiebe AP561868073IA					
<div><div><div>Loyd's AIRCRAFT MAINTENANCE, INC. (661) 393-1588 Fax (661) 393-2502</div></div><div>SO# 19981</div><div>N 5LB Tach: 3924.10 Eng. TT: 284.10 Engine S/N: 1011186 Date: 8/26/2019</div></div>					
Work Accomplished					
Engine -					
Discrepancy: TIT indication intermittent. Resolution: Installed new TIT probe assembly. Operational test good.					
Discrepancy: Turbocharger leaking oil. Resolution: Checked inlet and outlet oil check valves. Inlet valve found defective. Installed serviceable inlet check valve and reinstalled outlet check valve with new o-ring seal. Ground run and leak check good.					
This engine is approved for return to service with respect to the work performed.					
 Mark W Wiebe AP561868073IA					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
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Carried forward →					
<div><div><div>Loyd's AIRCRAFT MAINTENANCE, INC. (661) 393-1588 Fax (661) 393-2502</div></div><div>ACTT: 3996.3 SO# 20071</div><div>N 5LB Tach: 3936.30 Eng. TT: 296.20 Engine S/N: 1011186 Date: 10/24/2019</div></div>					
Work Accomplished					
Engine -					
Discrepancy: Oil change due. Resolution: Drained oil and installed new filter CH48109-1. Cut open filter and inspected for metal contamination. No visible metal found at this time. Serviced engine with 9 quarts Aeroshell 50W100 Plus. Washed engine and cowl. Ground run and leak check good.					
Discrepancy: Oil sample due. Resolution: Oil samples taken and sent to A.O.A. for analysis.					
This engine is approved for return to service with respect to the work performed.					
 Mark W Wiebe AP561868073IA					
<div><div><div>Loyd's AIRCRAFT MAINTENANCE, INC. (661) 393-1588 Fax (661) 393-2502</div></div><div>AFTT: 3953.20 SO# 20419</div><div>N 5LB Tach: 3953.20 Eng. TT: 313.20 Engine S/N: 1011186 Date: 6/12/2020</div></div>					
Work Accomplished					
Engine -					
Discrepancy: Engine loses power and runs rough on right magneto.					
Resolution: Removed both magnetos and performed a 500 hour inspection. Installed new impulse couplings, capacitors, contact points, brushes, and felts. Reassembled and timed internally. Reinstalled both mags on engine with new gaskets. Timed to 22 degrees b/c. Ground run and functional test good.					
This engine is approved for return to service with respect to the work performed.					
 Mark W Wiebe AP561868073IA					

Date	Total Time		Time Since Last Overhaul		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
	Hours	Min	Hours	Min	



Loyd's AIRCRAFT MAINTENANCE, INC.
(661) 393-1588 Fax (661) 393-2502

N 5LB

Tach: 3808.10
Eng. TT: 168.10
Engine S/N: 1011186
Date: 3/8/2017

Work Accomplished

Engine -

--Discrepancy--

Annual inspection due.

Completed an Annual inspection this date in accordance with F.A.R. 43 appendix d.

Performed compression check with the following results: #1 - 70/80, #2 - 70/80, #3 - 76/80, #4 - 74/80, #5 - 76/80, #6 - 72/80.

--Discrepancy--

Oil change due.

Drained oil and installed new filter P/NCH48109-1. Cut open filter and inspected for metal contamination. No visible metal found at this time. Serviced engine with 9 quarts Aeroshell 50W100 Plus. Washed engine and cowl. Ground run and leak check good.

--Discrepancy--

Oil sample due.

Oil samples taken and sent to A.O.A. for analysis.

--Discrepancy--

Left mag timed to 20 degrees BTC should be 22 degrees BTC.

Timed mag to 22 degrees BTC.

--Discrepancy--

AD 84-26-02 paper air filter inspection due.

Complied with AD by inspection and cleaning of induction air filter. No defects noted at this time.

--Discrepancy--

AD 71-09-07 Heat exchanger pressure test due.

Complied with AD by pressure test of exhaust heat exchanger. No defects noted at this time.

This engine is approved for return to service with respect to the work performed.

Mark W Wiebe AP561868073IA

Date	Total Time		Time Since Last Overhaul		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
	Hours	Min	Hours	Min	

Carried forward →



Loyd's AIRCRAFT MAINTENANCE, INC.
(661) 393-1588 Fax (661) 393-2502

SO# 19100

N 5LB
Tach: 3859.90
Eng. TT: 219.80
Engine S/N: 1011186
Date: 5/15/2018

Work Accomplished

Engine -

Discrepancy:

Annual Inspection due.

Resolution:

Completed a 100 hour/ annual inspection this date in accordance with FAR 43 Appendix D, and Textron Aviation/Cessna MM D2057-3-13, 15 MAR 2014.

Performed compression check with the following results:

#1 - 34/80, (Rechecked: 75/80) #2 - 72/80, #3 - 78/80, #4 - 68/80, #5 - 78/80, #6 - 74/80.

Discrepancy:

Cylinder #1 leaking past exhaust valve. Compression check: (34/80)

Resolution:

Cylinder and piston assembly removed and repaired by LyCon Rebuilding Inc.

Cylinder assembly reinstalled on engine after repair with new gaskets and seals.

Engine ground run, compression rechecked for No.1 Cylinder: 75/80, no defects found.

Discrepancy:

Oil change due.

Resolution:

Drained oil and installed new filter CH48109-1. Cut open filter and inspected for metal contamination.

No visible metal found at this time. Serviced engine with 9 quarts Aeroshell 50 Mineral Oil.

Washed engine and cowl. Ground run and leak check good, no defects found

Discrepancy:

Oil sample due.

Resolution:

Oil samples taken and sent to A.O.A. for analysis.

I certify that a 100 hour/ Annual inspection was performed on the above engine, in accordance with FAR 43, Appendix D, and Textron/ Cessna MM inspection guide: MM D2057-3-13, 15 MAR 2014.

This engine is approved for return to service with respect to the work performed.

Mark W Wiebe AP561868073IA

Service Information

Consult the Continental Motors web site at 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


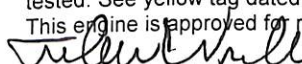


Printed: 10/17/2014

Test Date: 10/16/2014

This engine model TS10520R9B, serial number 1011186 was rebuilt by Continental Motors Inc, in accordance with approved design data and the applicable requirements of 14 CFR, Part 21 and 43 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.

Thomas Howard

CONTINENTAL MOTORS, INC.

Date	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><div><div>Loyd's AIRCRAFT MAINTENANCE, INC. P.O. Box 80958 Bakersfield, California 93380</div></div></div>					
Date: 11/25/2014; Aircraft: N5LB; Type: CESSNA, T210N; S/N: 21063622; Tach: 3640.00; Total Time: 3640.00; Engine - Type: TSIO520R-R9B, S/N: 1011186, Time:; Prop - Type: PHC-J3YF-1RF, S/N: FP8468B, Time:; Work Done At - Airframe Time: 3640.00, Engine Cycles: 1584, Shop Order #: 16355					
Discrepancy Annual inspection due. Completed an Annual Inspection this date in accordance with F.A.R. 43 appendix d.					
Discrepancy Replace engine with factory remanufactured engine. Removed TSIO520R-9B S/N 522251-H and installed Factory Rebuilt "0" time TSIO520R9B S/N 1011186. Engine installed with all new shock mounts. Turbo system was overhauled by Main Turbo Systems. Entire exhaust system was overhauled by Knisley Welding. All engine compartment flammable fluid hoses were replaced with new hose kit from Herber Aircraft. Factory new Hartzell PHC-J3YR-1RF propeller S/N FP8468B installed per STC# SA10615SC-D. Propeller governor was rebuilt by Johnson Propeller. Engine serviced with Phillips 20-50 type "M" mineral oil. Engine ground run and fuel flows checked and adjusted as required. Idle speed and mixture adjusted as required. No leaks noted.					
Discrepancy Remove turbo system including turbocharger, wastegate, controller, overboost valve for overhaul. Removed turbocharger P/N 406610-5 S/N CC0117, Pressure relief valve P/N 470944 S/N IG0399, Wastegate P/N 470908-9011 S/N XD000229, Controller P/N 470688-0007 S/N UL-P0102. Units were sent to Main Turbo Systems Inc for overhaul. Units were reinstalled after overhaul with new gaskets and seals.					
Discrepancy Remove exhaust system complete for overhaul. Removed exhaust system complete and sent to Knisley Welding for overhaul. Reinstalled exhaust system after overhaul.					
Discrepancy Replace engine compartment hoses. Installed new hose kit P/N 1449-4 supplied by Herber Aircraft.					
Discrepancy Remove propeller governor for flush. Removed propeller governor and sent to Johnson Propeller for flush and functional test. Governor was repaired and functionally tested. See yellow tag dated 10/16/2014. Unit was reinstalled on engine with new gasket. This engine is approved for return to service with respect to the work performed.					
<div><div> Mark W Wiebe AP5618680731A</div></div>					
<div><div><div>AIRCRAFT MAINTENANCE CONSULTANTS, LLC 201 West Grand Ave. Grover Beach, CA 93433 805-591-4486</div></div><div><div>TSIO520R9B N5LB</div><div>SER # 1011186</div><div>Tach: 3745.2</div><div>TSO: 105.3</div><div>3/14/2016</div></div></div>					
Performed annual inspection IAW manufacturer's MM, and 100 hr checklist(s). Compression test performed: 74, 75, 76, 76, 76, 74/80. Drained oil, cut and inspected filter-no contaminants found. Installed new CH48109-1 filter. Serviced with 10 qts. Aeroshell 100+. Checked magneto timing and found to be within limits. Removed sparkplugs, cleaned and gapped as necessary- #3 top & bottom & #4 bottom found to be oily-recommend customer investigate with engine installer for possible ring seating issue.					
I certify that this ENGINE was inspected in accordance with an annual inspection and is determined to be in airworthy condition.					
<div><div> Thomas L. Pecharich IA3022853</div></div>					