

ENGINE LOG BOOK



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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 bulletins 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
1-251-438-8299 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:

Mattituck Services
410 Airway Drive
Mattituck, NY 11952 USA

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors, Inc.

Production Certificate 508

Printed: 2/22/2013

Test Date: 2/21/2013

This engine model TSI0520R9B , serial number 1007930 was manufactured by Continental Motors in accordance with approved design data and the applicable requirements of Part 21 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

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Continental Motors, Inc.

Engine Component Information Sheet

Printed : 2/22/2013

Serial: 1007930
Part: TSI0520R9B
New/Rebuilt: NEW

Assembled: 2/20/2013
Shipped:
Packed: 2/22/2013

Customer Name:

Shipping Address:

<u>Component</u>	<u>Serial Number</u>
CAMSHAFT	150673
CRANKSHAFT	N12KA079
CRANKCASE	R12LA033
CONNROD	AE12KA024
CONNROD	AE12KA023
CONNROD	AE12KA824
CONNROD	AE12KA797
CONNROD	AE12KA844
CONNROD	AE12KA841
L MAGNETO	F13AA159
R MAGNETO	F13AA164
CARBURETOR	N/A
FUEL PUMP	B12LA158
MANIFOLD VALVE	C12LA163
METERING UNIT	A12LA067
STARTER	H-Y-141263
ALTERNATOR	N/A
ALTERNATOR 2	N/A
DRIVE GEAR	N/A
DRIVEN GEAR	N/A

<u>Component</u>	<u>Serial Number</u>
L. TURBO	N/A
R. TURBO	N/A
OVERBOOST	N/A
CONTROLLER	N/A
WASTEGATE	N/A
CYLINDER - 1	AC13AA072
CYLINDER - 2	AC13AA073
CYLINDER - 3	AC12LB148
CYLINDER - 4	AC12LB212
CYLINDER - 5	AC12LB446
CYLINDER - 6	AC12LB198
CYL FLOW CODE	N/A
NOZZLE - 1	1284
NOZZLE - 2	2284
NOZZLE - 3	3284
NOZZLE - 4	4284
NOZZLE - 5	5284
NOZZLE - 6	6284
OIL COOLER	K12-10108-283
PISTON WEIGHT	N/A

Form QA-85A (MAR 2012)



Pack Inspection Stamp

All of the information provided herein is subject to verification by the user. Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

ENGINE MODEL: TSIO-520-R(9B)
ENGINE S/N: 1007930
REG. NO: N6364B
WORK ORDER: 1061-10-2012

 **J.A. Air Center**
Repair Station No: NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 07 June, 2013
A/C TSN: 315.6
ENG TT: 0
TSMOH:
TACH: 315.6

Engine Entries

6 Removed engine model TSIO-520-R S/N 269882-R with 24.4 hours total time. Installed factory new engine model TSIO-520-R S/N 1007930. The engine was installed with all new shock mounts P/N 1250800K200, J12453-1 and J12453-2. Installed new fuel and oil hose kit P/N AQK210-025. Replaced the propeller governor with a new PCU5000 propeller control P/B AT210937 S/N 12303560. The turbocharger P/N 406610-9005 S/N VJ-LD108 ref 8130-3 000036, wastegate P/N 470908-9011 S/N VJ-L0105 ref 8130-3 000037 and controller P/N 470888-907 S/N VB-L0116 ref 8130-3 000038 were overhauled by Approved Turbo Components CRS# U5AR184Y. The alternator P/N C611505-0102 S/N 47669 was repaired/500 hour inspection by Aircraft Systems, Inc. CRS# KC2R947K ref 8130-3 No. 47669. A new induction airfilter P/N P10-7210 was installed. The propeller model D3A34C402/90DFA-10 S/N 733790 with 315.6 hours total time and 41.1 SMOH was reinstalled after cleaning. The exhaust system and engine baffles were reinstalled after cleaning and inspection. The engine was serviced with Phillips 20W50 Type M oil and pre-oiled. Ground ran and checked for proper operation and leaks. Set the engine fuel system and boost to spec as per SID97-3E. Flight tested and checked for proper operation and break-in.

Maintenance Release

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA.145.5424 under Work Order No. 1061-10-2012, Dated 07 June, 2013.

DATE: 07 June, 2013

SIGNED: 
Bruce Rebechini
Certified Repair Station No. NF2R029L

Work Order: 1061-10-2012

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ENGINE MODEL: TSIO-520-R(9B)
ENGINE S/N: 1007930
REG. NO: N6364B
WORK ORDER: 2057-11-2013

 **J.A. Air Center**
Repair Station No: NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 10 December, 2013
A/C TSN: 320.7
ENG TT: 5.1
TSMOH:
HOBBS: 320.7

Engine Entries

3 Changed the oil and filter. Opened and inspected the filter for contaminants. Serviced the engine with 10 Qts. of Philips 20W50 X/C and a new AA48109 filter. Ground ran and leak checked.

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA.145.5424 under Work Order No. 2057-11-2013, Dated 10 December, 2013.

DATE: 10 December, 2013

SIGNED: 
Bruce Rebechini
Certified Repair Station No. NF2R029L

Work Order: 2057-11-2013

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ENGINE MODEL: TSIO-520-R(9B)
ENGINE S/N: 1007930
REG. NO: N6364B
WORK ORDER: 2906-07-2014

 **J.A. Air Center**
Repair Station No: NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 01 August, 2014
A/C TSN: 366
ENG TT: 50.4
TSMOH:
HOBBS: 366

Engine Entries

2 Completed an annual inspection on this engine as per the Cessna Model 210 and T210 Service Manual Inspection Chart and Continental TSIO-520 Maintenance Manual for an annual inspection as a guide, and AC 43.13-1B Chapter 9. Compressions were tested as follows; #1-75, #2-75, #3-75, #4-79, #5-76 and #6-78 all over 80 psi. The oil and filter was changed. Collected a Blackstone oil sample. Opened and inspected the filter. Serviced the engine with 10 Qts of Phillips 20W50 X/C oil and a new AA48108-2 filter. See the following items for additional service and repairs.

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA.145.5424 under Work Order No. 2906-07-2014, Dated 01 August, 2014.

DATE: 01 August, 2014

SIGNED: 
Don Morgan
Certified Repair Station No. NF2R029L

Work Order: 2906-07-2014

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ENGINE MODEL: TSIO-520-R(9B)
ENGINE S/N: 1007930
REG. NO: N6364B
WORK ORDER: 4206-06-2015



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 25 June, 2015
A/C TSN: 42
ENG TT: 112
TSMOH
HOBSBS: 42

Engine Entries

- 1 Changed the oil and filter. Opened and inspected the filter for contaminants. Filled and submitted a Blackstone oil sample. Serviced the engine with 10 Qts. of Phillips 20W50 X/C and a new AA48109 filter. Ground ran and leak checked.

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145.5424 under Work Order No. 4206-06-2015, Dated 25 June, 2015.

DATE: 25 June, 2015

SIGNED:
Don Morgan
Certified Repair Station No. NF2R029L

Work Order: 4206-06-201

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ENGINE MODEL: TSIO-520-R(9B)
ENGINE S/N: 1007930
REG. NO: N6364B
WORK ORDER: 4379-07-2015



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 30 July, 2015
A/C TSN: 449
ENG TT: 133.4
TSMOH
HOBSBS: 449

Engine Entries

- 1 Changed the oil and filter. Opened and inspected the filter for contaminants. Filled and submitted a Blackstone oil sample. Serviced the engine with 10 Qts. of Phillips 20W50 X/C and a new AA48109 filter. Ground ran and leak checked.

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145.5424 under Work Order No. 4379-07-2015, Dated 30 July, 2015.

DATE: 30 July, 2015

SIGNED:
Bruce Rebechini
Certified Repair Station No. NF2R029L

Work Order: 4379-07-2015

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ENGINE MODEL: TSIO-520-R(9B)
ENGINE S/N: 1007930
REG. NO: N6364B
WORK ORDER: 4557-09-2015



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 23 Sep

Engine Entries

- 2 Completed an annual inspection on this engine as per the Cessna Model 210 and T210 Service Manual Inspection Chart and Continental TSIO-520 Maintenance Manual for an annual inspection as a guide, and AC 43.13-1B Chapter 9. Compressions were tested as follows: #1-75, #2-75, #3-78 5-70 and #6-78 all over 80 psi. The oil and filter were previously changed at 449.0 hours aircraft total time. Fuel nozzles first 100 hour ultrasonic was accomplished. Next cleaning is due in 300 hours. See the following items for additional service and repairs.
- 5 Installed new crankshaft seal P/N 641250 and Re-installed propeller with new oring P/N A1633-3. Installed seal as per 72-50-14 of the Continental 520-R Publication X30575.

Maintenance Release

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145.5424 under Work Order No. 4557-09-2015, Dated 23 September, 2015.

DATE: 23 September, 2015

SIGNED:
Bruce Rebechini
Certified Repair Station No. NF2R029L

Work Order

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ENGINE MODEL: TSIO-520-R(9B)
ENGINE S/N: 1007930
REG. NO: N6364B
WORK ORDER: 6596-06-2017



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 09 June, 2017
A/C TSN: 495 E
ENG TT: 180.2
TSMOH
HOBSBS: 495 E

Engine Entries

- 1 Changed the oil and filter. Opened and inspected the filter for contaminants. Filled and submitted a Blackstone oil sample. Serviced the engine with 10 Qts. of Phillips 20W50 X/C and a new AA48109 filter. Ground ran and leak checked.

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145.5424 under Work Order No. 6596-06-2017, Dated 09 June, 2017.

DATE: 09 June, 2017

SIGNED:
Bruce Rebechini
Certified Repair Station No. NF2R029L

Work Order: 6596-06-2017

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