

ENGINE LOG BOOK



N4941A
RIGHT

Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with CM standard engine testing specifications as approved by the FAA.

Engine Model R-10520MB1B

Engine Serial Number 1037396

Testing Completed

Standard Acceptance Test:

Date of Completion APR 15 2019 Test Operator (37118)



Continental Motors, Inc.

Form No 98344

MANDATORY OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 03/28/2019

Test Date: 03/28/2019

This engine model I0520MB1B, serial number 1037396 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.

CONTINENTAL MOTORS, INC.

Form 6012-04 (Rev Sept 2014)

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

CONTINENTAL MOTORS, INC

THE OIL PRESSURE ON THIS ENGINE WAS ADJUSTED DURING THE ENGINE ACCEPTANCE TEST AT THE FACTORY. ONLY MINOR ADJUSTMENTS MAY BE NECESSARY TO ASSURE THE PROPER INDICATION ON THE COCKPIT GAUGE. IF THE PRESSURE PICK UP POINT IS DIFFERENT IN THE AIRCRAFT SIGNIFICANT ADJUSTMENT MAY BE REQUIRED.

FACTORY SETTINGS:
RPM 2692 OIL TEMP 180 OIL PRESSURE 58.4
OIL PRESSURE PICK UP POINT: ENGINE INLET AT OIL COOLER

655310 Rev. C

N4941A
S/N: 1037396
MODEL: IO-520-MB(1)
TACH TIME:
HOBBS TIME: 464.5



DATE: 2/28/2020
W.O.#: 23394
TSMOH: 0.0
TOTAL TIME: 0.0

2980 AIRWAY AVE, COSTA MESA, CA 92626
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
FAA APPROVED REPAIR STATION # JYV016L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
SIGNED: *[Signature]*

REMOVED R/H ENGINE MODEL IO-520-M, S/N 270954R, AND RETURNED TO TCM AS CORE EXCHANGE. INSTALLED FACTORY REMANUFACTURED ENGINE MODEL IO-520-MB (1), S/N 1037396. SERVICED WITH 13 QUARTS AEROSHELL STRAIGHT 100 MINERAL OIL. R&R ALL ENGINE OIL AND FUEL HOSES WITH NEW TEFLON HOSE KIT P/N 2228-1R AND P/N 2228-2R. R&R ENGINE MOUNTS WITH NEW MOUNT KIT P/N J9613-58 (4). R&R INBOARD AND OUTBOARD EXHAUST SLIP JOINTS HARDWARE WITH NEW P/N 1001-6 (2). ALL WORK PERFORMED IAW CESSNA 310R AND TCM IO-520-M SERVICE MANUALS. OPERATIONAL, LEAK, SECURITY, AND FLIGHT TEST FOUND SATISFACTORY. SET FUEL IAW TCM SID97-3G.

N4941A
S/N: 1037396
MODEL: IO-520-MB(1)
TACH TIME:
HOBBS TIME: 479.9



DATE: 4/16/2020
W.O.#: 23622
TSMOH:
TOTAL TIME: 15.4

2980 AIRWAY AVE, COSTA MESA, CA 92626
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
FAA APPROVED REPAIR STATION # JYVRC16L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
SIGNED: *[Signature]*

SERVICED WITH 11 QTS OF AEROSHELL W100 AND CH38109-1 OIL FILTER. AOA TAKEN. R&R CRUSH WASHERS WITH NEW P/N AN900-10. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.
RIGHT ENGINE COMPRESSION CHECKED.

1. 75/80, 2. 76/80, 3. 78/80, 4. 78/80, 5. 75/80, 6. 76/80

MASTER ORIFICE VALUE: 42

N4941A
S/N: 270954R
MODEL: IO-520-MB(1)
TACH TIME:
HOBBS TIME: 513.2



DATE: 7/20/2020
W.O.#: 23735
TSMOH: 48.7
TOTAL TIME: 48.7

2980 AIRWAY AVE, COSTA MESA, CA 92626
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
FAA APPROVED REPAIR STATION # JYV R016L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 310R MAINTENANCE MANUAL.
RIGHT COMPRESSION VALUES:

1. 70/80, 2. 76/80, 3. 78/80, 4. 78/80, 5. 78/80, 6. 76/80

MASTER ORIFICE VALUE: 42

SERVICED WITH 12 QTS OF AEROSHELL W100 AND CH48109-1 OIL FILTER. AOA TAKEN. R&R CRUSH WASHER GASKET WITH NEW P/N AN900-10. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.
R&R INDUCTION AIR FILTER WITH NEW P/N BA-17 IAW TCM IO-520 AND CESSNA 310R SERVICE MANUAL. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.

MAGNETOS INSPECTED IAW CESSNA 310R, TCM IO-520, AND BENDIX S-1200 SERIES SERVICE MANUALS IAW ANNUAL INSPECTION GUIDELINES. KE-TIMED MAGNETOS AS REQUIRED. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.
500 HOUR MAGNETO INSPECTION DUE @ 677.5 HOBBS HOURS, 164.3 HOBBS HOURS REMAINING.

SPARK PLUGS ROTATED AND CLEANED. REPLACED GASKETS WITH NEW. P/N M674 (12)
R&R BOTH L/H AND R/H ENGINE TAIL PIPE ISOLATOR MOUNTS WITH NEW P/N C3H410C2 (2) AND TAIL PIPE CLAMPS WITH NEW P/N 2266C062-262 (2) IAW CESSNA 310R AND TCM IO-520 SERVICE MANUALS. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.

SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
C/W ALL APPLICABLE ADS THROUGHOUT THIS DATE.

Engine Service and Maintenance Record

Date
N4941A
S/N: 270954R
MODEL: IO-520-MB(1)
TACH TIME:
HOBBS TIME: 566.3

DATE: 12/3/2020
 W.O.#: 23991
 TSMOH: 101.8
 TOTAL TIME: 101.8



2980 AIRWAY AVE, COSTA MESA, CA 92626
 TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
 FAA APPROVED REPAIR STATION # JVVYR016L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
 SIGNED: *[Signature]*

SERVICED WITH 12 QTS OF AEROSHELL W100 AND CH48109-1 OIL FILTER. AOA TAKEN. R&R CRUSH WASHER GASKET WITH NEW P/N AN900-10. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.

N4941A
 S/N: 270954R
 MODEL: IO-520-MB(1)
 TACH TIME:
 HOBBS TIME: 578.0

DATE: 12/17/2020
 W.O.#: 24017
 TSMOH: 113.5
 TOTAL TIME: 113.5



2980 AIRWAY AVE, COSTA MESA, CA 92626
 TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
 FAA APPROVED REPAIR STATION # JVVYR016L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
 SIGNED: *[Signature]*

R&R VACUUM PUMP WITH OVERHAULED EXCHANGE UNIT P/N 442CW, S/N 192828 IAW CESSNA 310R AND TCM IO-520-M SERVICE MANUALS. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.

N4941A
S/N: 270954R
MODEL: IO-520-MB (1)
TACH TIME:
HOBBS TIME: 611.0



DATE: 3/26/2021
W.O.#: 24168
TSMOH: 146.5
TOTAL TIME: 146.5

2980 AIRWAY AVE, COSTA MESA, CA 92626
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
FAA APPROVED REPAIR STATION # JVVYR016L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
SIGNED: *[Signature]*

SERVICED WITH 12 QTS OF AEROSHELL W100 AND CH48109-1 OIL FILTER. AOA TAKEN. R&R CRUSH WASHER GASKET WITH NEW P/N AN900-10. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.

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N4941A
S/N: 270954R
MODEL: IO-520-MB (1)
TACH TIME:
HOBBS TIME: 653.3



DATE: 6/14/2021
W.O.#: 24274
TSMOH: 188.8
TOTAL TIME: 188.8

2980 AIRWAY AVE, COSTA MESA, CA 92626
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
FAA APPROVED REPAIR STATION # JVVYR016L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
SIGNED: *[Signature]*

SERVICED WITH 12 QTS OF AEROSHELL W100 AND CH48109-1 OIL FILTER. AOA TAKEN. R&R CRUSH WASHER GASKET WITH NEW P/N AN900-10. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.

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N4941A
S/N: 270954R
MODEL: IO-520-MB(1)
TACH TIME:
HOBBS TIME: 680.7

DATE: 3/11/2021
W.O.#: 24338
TSMOH: 216.2
TOTAL TIME: 216.2



2980 AIRWAY AVE, COSTA MESA, CA 92626
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
FAA APPROVED REPAIR STATION # JYVR016L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 310R MAINTENANCE MANUAL
RIGHT COMPRESSION VALUES:

1. 60/80, 2. 60/80, 3. 68/80, 4. 60/80, 5. 60/80, 6. 70/80

MASTER ORIFICE VALUE: 42

SERVICED WITH 12 QTS OF AEROSHELL W100 AND AA48109-2 OIL FILTER. AOA TAKEN. R&R CRUSH WASHER GASKET WITH NEW P/N AN900-10. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.

R&R INDUCTION AIR FILTER WITH NEW P/N BA-17 IAW TCM IO-520 AND CESSNA 310R SERVICE MANUAL. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.

R/H ENGINE MAGNETOS INSPECTED IAW CESSNA 310R, TCM IO-520, AND BENDIX S6-200 SERIES SERVICE MANUALS IAW ANNUAL INSPECTION GUIDELINES. RE-TIMED MAGNETOS AS REQUIRED. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.

R/H ENGINE 500 HOUR MAGNETO INSPECTION DUE @ 964.5 HOBS HOURS (283.3 HOBBS HOURS REMAINING).

R&R SPARK PLUGS WITH NEW P/N UGHB32E (12) IAW TCM IO-520 SERVICE MANUALS. OPERATIONAL CHECK FOUND SATISFACTORY.

R&R R/H ENGINE EXHAUST MANIFOLDS/STACKS WITH SERVICEABLE ASSEMBLIES P/N A9910295-131 AND P/N A9910295-141 AND INSTALLED NEW SLIP JOINT HARDWARE KITS P/N 1901-6 (2) IAW CESSNA 310R AND TCM IO-520 SERVICE MANUALS. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.

SOME SBS THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
C/W ALL APPLICABLE ADS THROUGHOUT THIS DATE.

N4941A
S/N: 270954R
MODEL: IO-520-MB (1)
TACH TIME:
HOBBS TIME: 725.8

DATE: 2/28/2022
W.O.#: 24596
TSMOH: 261.3
TOTAL TIME: 261.3



2980 AIRWAY AVE, COSTA MESA, CA 92626
TEL: 714-433-2275, WWW.JAYS AIRCRAFT.COM
FAA APPROVED REPAIR STATION # JYVR016L

RIGHT ENGINE LOG

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 / REPLACEMENT ARE ON FILE AT THIS AGENCY
SIGNED: *[Signature]*

R&R R/H VACUUM PUMP WITH NEW P/N 442CW, S/N 198636 IAW TCM IO-520 AND CESSNA 310R SERVICE MANUAL. OPERATIONAL AND LEAK CHECK FOUND SATISFACTORY.

SERVICED WITH 12 QTS OF AEROSHELL W100 AND AA48109-2 OIL FILTER. AOA TAKEN. R&R CRUSH WASHER GASKET WITH NEW P/N AN900-10. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.