

Engine Record General Information

Manufacturer CONTINENTAL Model O470M

Serial 52294-8-M Type Certificate _____

This engine is currently installed in aircraft: N3641D

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 1500 hours / 12 YRS

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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2P

8/14/17
 HOBBS 1531.0
 TOTAL _____
 0 HRS. S.M.O.H.

MAJOR OVERHAUL CONTINENTAL ENGINE MODEL O470M S.N. 52294-8-M TO FACTORY NEW LIMITS WITH REFERENCE TO C.M.I. O470 OVERHAUL MANUAL P.N. X30586A, PARTS CATALOG FORM # X30587A, STANDARD PRACTICE MANUAL PUBLICATION # M-0 ALONG WITH APPLICABLE SERVICE BULLETINS. CRANKCASE OVERHAULED BY CRANKCASE SERVICES, INC. W.O. 24626, CRANKSHAFT ASSEMBLY AND CONNECTING

RODS OVERHAULED BY AIRCRAFT SPECIALTIES SVS. INC W.O. 239523, LIFTERS (6) P.N. 658088 (INTAKE) AND (6) P.N. 658077 (EXHAUST) OVERHAULED BY AIRCRAFT SPECIALTIES SVS. INC. W.O. 239523, CAMSHAFT SUPERIOR AIR PARTS P.N. SA535661 OVERHAULED BY RICK ROMANS, INC. W.O. 51330, CYLINDERS 1,2,3,4,5, (CHROME BORE) OVERHAULED BY PERFORMANCE AIRCRAFT POWERPLANTS INC. (P.A.P.) W.O. 3647, CYLINDER 6 (CHROME BORE) PREVIOUSLY OVERHAULED BY J & J AIR PARTS, INC. W.O. 74800,

ACCESSORIES:

RIGHT MAGNETO P.N. 10-500566-1 S.N. D04KA286R REINSTALLED/NO OVERHAUL
 LEFT MAGNETO P.N. 10-500566-1 S.N. D02CA126R REINSTALLED/NO OVERHAUL
 CARBURATOR P.N. 392668-5 S.N. 870333R REINSTALLED/PREVIOUSLY OVERHAULED BY D & G SUPPLY W.O. 30504 (7/6/15)
 FUEL PUMP P.N. RG15980 S.N. F560600-3492 OVERHAULED BY D & G SUPPLY W.O. 32851

PARTS:

6 SA536379 BOLT, 4 654589 BOLT, 12 654450 NUT, 12 655961 ROD BOLT, 1 SA641250 SEAL, 12 SA630826M010 BRG., 1 EQ7022 STUD KIT, 4 538989 WASHER, 12 25171 WASHER, 1 657175 CRANK GEAR (NEW), 1 537721 BRG., 48 SA531001 BASE NUT, 16 SA652541 BASE NUT, 5 627433 BOLT, 4 501868 TAB-LOC, 1 CR6767 SEAL, 1 646546A1 GASKIT SET, 1 532432 PLUG, 2 538468 BUSHING, 1 CAM626189 OIL COOLER S.N. CC00-3774-5, 1 402141 STUD, 1 S539800M030 SPRING, 1 641368 BRG., 1 X13041 BRG., 1 534685 BRG., 1 SA501867 TAB-LOC, 1 631252 WORM GEAR SHAFT, 1 536552 SPRING, 1 534980 SLEEVE, 6 654829 PISTON, 48 534609 WASHER, 24 653188 THRUST WASHER, 12 SA520129 BUSHING, 10 542917-1 CLAMP, 2 629163-5 CLAMP, 1 401893 STUD, 2 629077 SLEEVE, 1 632563 OIL PUMP BODY (NEW STYLE) OVERHAULED BY DIVCO, INC. W.O. 06600

CONT. NEXT PAGE;

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
20	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME		SERVICE	
	1531.0			a dc

1 537299 CLIP, 4 655269 CUSHION, 1 634150 SPRING, 2 535933 FELT GASKET, 1 X1473 WASHER, 3 401885 STUD, 1 SA646589A1M10 BRG. SET, 1 641368 BRG., 1 X13041 BRG., 1 534685 BRG., 1 535823 BUSHING, 6 SA539467 PIN, 10 SA642917-1 HOSE, 1 AA9144 GASKET, GASKET,

A.D.'S:

79-05-09 N.A. X CURRENT DESIGN VALVE INSTALLED/ .845" VALVE & 3.00" SCREW
 96-12-22 N.A. X NO CESSNA OIL FILTER ADAPTER INSTALLED
 99-19-01 AND 00-23-21 N.A. X CRANKSHAFT S.N. (INSTALLED CRANK S.N. A895)
 07-04-19R1, 14-05-29 AND N.A. X NO SUPERIOR CYLINDERS INSTALLED ON THIS ENGINE
 09-19-07 N.A. X NO CONTINENTAL EQ3 CYLINDERS INSTALLED ON THIS ENGINE
 16-16-12 N.A. X ENGINE MODEL

TEST RUN AND FLIGHT TEST IN ACCORDANCE WITH S.B. M89-7R1 (THIS BULLETIN HAS BEEN INCORPORATED IN CONTINENTAL PUBLICATION M-0 STANDARD PRACTICE MANUAL)

DETAILS ON FILE AT PINE MOUNTAIN AVIATION L.L.C. W.O. 2391
 TEL. 203-730-0771

JAD
 P41508881

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
<i>Michael Lansing</i> <i>Michael Lansing</i> <i>AD 33360RT</i> <i>6-16-17</i>				S.N. 5229 MANUAL P.N. X30580rs ANNUAL INSPECTION # M-0

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
2017	AD 33360RT 1531.0			SEE Prior Log Page for details Installed ENGINE on N3641D Cessna 310 serviced w/ 11 QTS Aeroshell 80 mineral performed leak ck and ground run JAW SB M89.721 All engine parameters wml no lines noted Michael Lansing <i>Michael Lansing AD 33360RT</i>

LANSING FLIGHT SUPPORT
 72 SICKER RD
 LATHAM, NY 12110
 (518) 220-4444

N3641D
 #1 ENG S/N #52294-8-M

3 AUG 2018 2432.2 ACTT (#1 ENG 21.0 SMOH / TT = UNK) Completed Annual inspection IAW Cessna / Continental Teledyne Maintenance Manuals. Oil change was completed and was re-serviced with 12 QTS Aeroshell 15W-50. Oil filter was removed and inspected and no debris was found. New filter was installed (P/N #AA 48108-2) and showed no leakage during run-up. Compression Test was completed (Hot); with the final readings #1 = 75/80 #2 = 75/80 #3 = 77/80 #4 = 68/80 #5 = 76/80 #6 = 75/80. Records check revealed no new AD's since last Annual Inspection (See AD Compliance Sheet). All Ground Runs and Leak Checks / Operational Checks were completed satisfactory. I certify that this ENGINE has been inspected IAW an ANNUAL Inspection and found to be in an Airworthy Condition.


 Sean Healey
 A&P #31563531A

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.)
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LANSING FLIGHT SUPPORT
72 SICKER RD
LATHAM, NY 12110
(518) 220-4444

N3641D
#1 ENG S/N #52294-8-M

13 JUN 2022 2499.0 ACTT (87.8 SMOH / TT = UNK) Completed Annual Inspection IAW Cessna / Continental Teledyne Maintenance Manuals. Oil change was completed and was re-serviced with 12 QTS Aeroshell 100W. Oil filter was removed and inspected and no debris was found. New filter was installed (P/N #AA 48108-2) and showed no leakage during run-up. Compression Test was completed (Hot); with the final readings #1 = 72/80 #2 = 72/80 #3 = 72/80 #4 = 68/80 #5 = 76/80 #6 = 72/80. Records check revealed no new AD's since last Annual Inspection (See AD Compliance Sheet). All Ground Runs and Leak Checks / Operational Checks were completed satisfactory. I certify that this ENGINE has been Inspected IAW an ANNUAL Inspection and found to be in an Airworthy Condition.

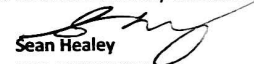

Sean Healey
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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LANSING FLIGHT SUPPORT
72 SICKER RD
LATHAM, NY 12110
(518) 220-4444

N3641D
#1 ENG S/N #52294-8-M

17 AUG 2023 2504.9 ACTT (93.7 SMOH / TT = UNK) Completed Annual Inspection IAW Cessna / Continental Teledyne Maintenance Manuals. Carburetor (S/N #854037) was removed and sent for repair for High CHT / suspected Fuel Nozzle crack. Work performed by D&G Supply (RS #NK2R034L), 8130 issued and Reinstalled same. Oil change was completed and was re-serviced with 12 QTS Aeroshell 100W. Oil filter was removed and inspected and no debris was found. New filter was installed (P/N #AA 48108-2) and showed no leakage during run-up. Compression Test was completed (Hot); with the final readings #1 = 68/80 #2 = 72/80 #3 = 70/80 #4 = 72/80 #5 = 68/80 #6 = 72/80. Records check revealed 3 new AD's since last Annual Inspection. AD 2023-02-12 (Superior Intake Valves Installed) which was N/A by No Applicable Parts Installed. AD 2023-04-08 (Crankshaft Assembly Inspection), which was superseded by AD 2023-05-16, both of which were N/A by Engine Model Number. All Ground Runs and Leak Checks / Operational Checks were completed satisfactory. I certify that this ENGINE has been Inspected IAW an ANNUAL Inspection and found to be in an Airworthy Condition.


Sean Healey
A&P #31563531A
