

DATE

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This Document Is To Serve As

Certification

of
Major Overhaul and Block Test Run
by

Certified Engines Unlimited, Inc.

MFG. Continental MODEL O-300D SERIAL NO. 35264-D-6-D
TOTAL TIME 2592.2 hrs A.D. NOTES Close to logbook
PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER
WORK ORDER NO. 24735 DATE 9/8/95

SIGNATURE OF AUTHORIZED INDIVIDUAL

FOR CERTIFIED ENGINES UNLIMITED, INC.

FLORIDA 33054

JAR 14

FAA APPROVED REPAIR STATION

Alterations
te Number of
pecific entries

DATE

19

SERVICEABLE

CERTIFIED
ENGINES
UNLIMITED, INC.

FAA Approved Repair Station No. KG4R309M

Part Name EnginePart No. Cont O-300D Sn: 35264-D-6-DJob No. 24735Remarks 'O' Since P.O. 15 Major Overhaul
9/8/95Date 9/8/95 Inspector

19 TIME FLIGHT TIME IN SERVICE Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)


CERTIFIED
ENGINES
UNLIMITED INC.

MAINTENANCE RELEASE

The aircraft engine and/or component identified was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency under work order No. 24735

Date 9/8/95

Signed

(Signature of authorized individual) for

CERTIFIED ENGINEER

CAUTION

This engine has been test run according to factory recommended procedures. Avoid prolonged ground run or slow flight as this causes new engine damage and will void warranty.

For proper warranty coverage consult Certified Engines before any repairs or adjustments are made on the engine.

CAUTION

Warranty will be voided if all oil fed accessories are not cleaned, tagged and recorded in logbook at time of engine overhaul, eg. prop, prop governor, oil cooler, oil tank, & all fuel & oil lines.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of inspections, tests, repairs and Entries must be endorsed with Name, Rating and Certificate N Technician or Repair Facility
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08 September 1995 This engine model Continental O-300 D, serial 35264-D-6-D was overhauled by Certified Engines Unlimited, Inc., of Opa Locka, Florida according to factory recommended procedures, specifications, limits and pertinent Federal Aviation Regulations.

All internal steel parts were magnafluxed and all non-ferrous materials were checked for cracks. All the guidelines from the Continental Overhaul Manual #X30013 were followed at time of overhaul.

Both magnetos are Slick factory new. The starter and the alternator OHC by Executive Accessories, Inc, CRS #RL4R496M. The carburetor OHC by Precision Air, Inc., CRS#VH1R558K. All the tags received from the accessory suppliers are located at the rear of this logbook.

The camshaft reground to the specifications of the manufacturer by Aircraft Specialties Services, CRS#DD2R764K. The crankcase OHC by Airmark Overhaul, Inc., CRS#JL4R288M. Six P.015 OHC cylinders, a new set of spark plugs and a new ignition harness installed.

CERTIFIED ENGINES UNLIMITED, INC.
OPA-LOCKA AIRPORT FLORIDA

WO #
AUTH. SIG.

24725

DATE

9/8/95

19

75

TIME

SERVICE

Technician or Repair Facility (Name)

bec

08 September 1995

All recommended parts listed in the Continental Overhaul Manual and Service Bulletin SB#M87-11 rev 2 were installed at time of this overhaul....(see list below):

1 SA646541-A1	GASKET SET	1 X13041	BALL BRG
1 646542A1	GASKET SET	1 502287	RET RING
6 SA22800	HOSE	1 502287	RET RING
1 SA530917	C/S SEAL	12 SA21284	HOUSING
2 530863	C/S BUSHING	24 21361	LOCK
2 531015	C/S BSNG	12 402151P003	EXH STUD
1 SA24770	PLUG, EXPANSION	12 SA24031	SPRING
4 530866	C/N BUSHING	12 SA24029	SPRING
4 531016	C/S BUSHING	12 SA625958	OUTER VLV SPRNG
4 SA630261-15	C/N ROLLER	6 SA530348 P15	PISTON
8 530868	C/N RET PLATE	1 SA2000-A1 P1	RING SET
8 402805	C/N RET RING	12 SA24122	ROCK ARM BSNG
1 SA36170-A1	BEARING SET	24 SA22949	ROCK BOSS BSNG
12 SA639640	ROD BEARING	6 SA2101	45 DEGREE VALVE
4 22532	SCREW	6 SA2102 P10	INTAKE SEAT
6 SA530192	BUSHING	6 SA2106 P10	EXH INSERT
12 SA639292	COTTER PIN	6 SA2103 P10	GUIDE
12 SA530213	BOLT	6 SA2107 P10	GUIDE
12 SA24804	NUT	6 SA629404	EXH VALVE
12 SA530051	LIFTER BODIES	1 K6327	IGNITION KIT
6 SA530830	PISTON PIN		
4 22534	SCREW		
12 SA22022	EXH NUT		
1 SA637083	SPRING		
12 REM40E	SPARK PLUG		
1 641368	NEEDLE BEARING		
1 630680	ROLLER BEARING		
1 SA539800 H15	CLUTCH SPRING		
1 MS35756-8	KEY		

CERTIFIED ENGINES UNLIMITED, INC.
OPA-LOCKA AIRPORT, FLORIDA

WO # 24731
AUTH. SIG. [Signature]

DATE

9/8/95

TACH
TIME

FLIGHT

TIME IN
SERVICE

Entries must be endorsed with Name, Rating and Certificate Number of
Technician or Repair Facility. (See back pages for other specific entries)

September 08 1995

*After final assembly, this engine was run-in for a period of three hours
with all temperatures, pressures, and performances within those limits as
prescribed by the factory.*

*All airworthiness directives complied with at major overhaul are listed at
the rear of this logbook. This engine is airworthy and acceptable for return
to normal service.*

CERTIFIED ENGINES UNLIMITED, INC.
OPA-LOCKA AIRPORT, FLORIDA

WO #

24735

DATE

9/15/95

AUTH. SIG.

[Redacted Signature]

DATE	RECORDING TACH TIME	TODAYS 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.)
19 <u>95/96</u>				

THIS ENGINE 0-300-D S/N 35264-D-6-D WAS INSTALLED IN CESSNA 172H S/N 172557550. ALL NEW FUEL AND OIL LINES ARE REPLACED. NEW ENGINE MOUNTS ,ENGINE MOUNT BOLTS & NUTS, ALL SKAT HOSE, NEW AIR FILTER, ALL LOWER COWLING SHOCK MOUNTS .EXHAUST SYSTEM SENT OUT FOR OVERHAUL. PROPELLER WAS OVERHAULED & NEW BOLTS AND NUTS INSTALLED. FUEL FILTER CLEAN AND CHECKED. ENGINE RUN ON GROUND ,SET CARBRETOR AND CKECK FOR OIL LEAKES. THIS INSTALATION WAS DONE IN ACCORDANCE WITH CESSNA MANUAL AND IS AIRWORTHY.

DATE 9/1/95

Tach 815.3

Holds 2592.2

END

C.R. AVIATION, INC

Date: 11/30/2016

ENGINE LOGBOOK ENTRY

WO# 1926

A/C Reg: N255OL Model: C172 SN: 17255750Tach:1644.00 SMOH: 828.7
Engine make: Continental Engine model: O-300D Engine SN: 35264-D-6D

The following work was performed:

- Complied with FAR 43 Appendix (D) 100 hrs. inspection
- Complied with FAR 43.15 (C.) (2) (I) (II) (III) (IV)
- Compression check: (70,76,72,76,78,74)
- Oil filter was changed with new PN: CH48110-1, oil was removed and serviced
- Ran engines, warmed up temperatures and performed magneto check. After compression check and cleaning of spark plugs, discrepancies were no reproduced. No further action taken.
- Removed shrouds, cleaned, inspected no defect found at this time next due at 1744 tach time.

The following parts were installed:

- Oil filter was changed with new PN: CH48110-1, oil was removed and serviced,

The following AD's were complied with:

- AD 94-05-03-R1 (inspection of rocker shaft): AD Due at overhaul or next cylinder removal.
- AD 76-07-12: Performed ops check after compression check, engine shuts off as per paragraph 1(c).next due at 1744 tach time

I certify that this engine has been inspected in accordance with FAR 43 Appendix (D) 100 hrs. inspection and was determined to be in airworthy condition

Authorized Signature

Miguel

DATE

19 2018

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TAC
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10/14/2018 17

DATE	RECORDING TACH TIME	TODAYS 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.)
19 2018				
10/14/2018	1734,5	-	SMO4:	919.2 e/w 100 hrs inspection I.A.W FAA 43 Appendix (D). Removed cowling cleaned ENGINE, inspected and lubricated ENGINE control, completed compression checks: cyl#1 70/80, cyl#2 70/80, cyl#3 62/80, cyl#4 70/80, cyl#5 70/80, cyl#6 65/80, Removed spark plug, inspected REG APPEN AND INSTALLED REPLACED cyl#2 SINON 8A10203 F cyl#4 SINON AEC 6531511 WORK WAS DONE BY ROMEL MEDINA COMPLETED INSTALLATION INSPECTION, NOT DEFECTS FOUND AT THIS TIME SEE 8130-3 by [REDACTED] cert# [REDACTED] making # 45251/45310 FOR DETAILS, COMPLETED PERFORMANCE RUN AND LEAK TEST I.A.W FAA 43.15(c)(ii)(iii)

DATE	RECORDING TACH TIME	TODAYS 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.)
19				(iv) no defects found at this time & certify that this engine has been inspected I.A.W 108/AS1 inspection I.A.W FAR 43 Appendix D and was found to be in airworthiness inspection. AC/P [redacted]

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of
es.)

C.R. AVIATION, INC

Date: 10/16/2019

ENGINE LOGBOOK ENTRY

A/C Reg: N2550L Model: C172 SN: 17255750 Tach:1772.2 SMOH: 956.9

Engine make: Continental Engine model: O-300D Engine SN: 35264-D-6D

The following work was performed:

- Complied with FAR 43 Appendix (D) 100 hrs. inspection
- Complied with FAR 43.15 (C.) (2) (I) (II) (III) (IV)
- Compression check: cyl#1 70/80, cyl#2 72/80, cyl#3 70/80, cyl#4 69/80, cyl#5 68/80, cyl# 62/80
- Oil filter was changed with new PN: CH48110-1, oil was removed and serviced
- Ran engines, warmed up temperatures and performed magneto check. After compression check and cleaning of spark plugs, discrepancies were no reproduced. No further action taken.
- Removed shrouds, cleaned, and placed cover with rivets. R/H cover cracked around exhaust cover. Corrected with welding and reinstalled shroud.
- Nylon lock removed and replaced with appropriate ones.
- Engine was painted with continental gold paint.

The following parts were installed:

- Oil filter was changed with new PN: CH48110-1, oil was removed and serviced, all intake hoses

The following AD's were complied with:

- AD 94-05-05-R1 (inspection of rocker shaft): AD Due at overhaul or next cylinder removal.
- AD 76-07-12: Performed ops check after compression check, engine shuts off as per paragraph 1(c).

I certify that this engine has been inspected in accordance with FAR 43 Appendix (D) 100 hrs/annual inspection and was determined to be in airworthy condition.

Authorized Signature

Date: 02/03/2021

ENGINE LOGBOOK ENTRY

A/C Reg: N2550L Model: C172 SN: 17255750 Tach: 1782.9 Hobbs: 223.1 AFTT: 3719.1
SMOH: 967.6

Engine make: Continental Engine model: O-300D Engine SN: 35264-D-6D

The following work was performed:

- Complied with FAR 43 Appendix (D) 100 hrs. inspection
- Complied with FAR 43.15 (C.) (2) (I) (II) (III) (IV)
- Compression check: cyl#1 68/80, cyl#2 70/80, cyl#3 72/80, cyl#4 68/80, cyl#5 69/80, cyl#6 62/80
- Oil filter was changed with new PN: CH48110-1, oil was removed and serviced
- Ran engines, warmed up temperatures and performed magneto check. After compression check and cleaning of spark plugs, discrepancies were no reproduced. No further action taken.
- Nylon lock removed and replaced with appropriate ones.
Engine was painted with continental gold paint.

The following parts were installed:

- Oil filter was changed with new PN: CH48110-1, oil was removed and serviced, all intake hoses
- Carburetor Inlet element filter was replaced with a new P/N BA6108

The following AD's were complied with:

- AD 94-05-05-R1 (inspection of rocker shaft): AD Due at overhaul or next cylinder removal.
- AD 76-07-12: Performed ops check after compression check, engine shuts off as per paragraph 1(c).
- AD's have been reviewed up to Small Aircraft, Biweekly 2021-03.

I certify that this engine has been inspected in accordance with FAR 43 Appendix (D) 100 hrs/annual inspection and was determined to be in airworthy condition.

Authorized Signature

DATE

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LUBBOCK AERO

DATE
19____
RECORDING
TACH
TIME

Date: Apr 27, 2021 N#: 2550L Make: Cessna

Model: 182H S/N: 17255750 Tach: 1818.7

Removed left magneto p/n: 6364, s/n: 94080019 and installed
new Slick magneto, p/n: 6364, s/n: 21030514. Timed to engine.
Retimed right magneto. Ran engine, ops check good.

Repairs and Alterations

(Certificate Number of
or other specific entries.)

DATE
A.D.
NUMBER
TOTAL
TIME IN
SERVICE

Airworthiness Directives

Chronological Listing of Compliance and Method of Compliance

Engine - page 1 of 1

wo: WO_1045



J&G Aviation, LLC

N2550L
hobbs : 258.0

CONT MOTOR, 0-300 SER, S/N: ENGINE SN TBD
tach: 1837.1

March 16, 2022

- Cylinder #4 p/n: AEC65314 removed and serviced by Sal's Aircraft Cylinders, Inc, reinstalled with new cylinder kit.
- Inspected all rocker arms. Installed 6 new rocker box cover gaskets p/n: RG-530162.
- Installed nut on Exhaust cylinder #4 p/n: SA22022.
- Details of work performed are on file with J&G Aviation, LLC under work order: WO_1045.

DATE

19

TOTAL
TIME IN**Manufacturers' Mandatory Service Bulletins**

Chronological Listing of Compliance and Method of Compliance

wo: WO_1089

**J&G Aviation**_{LLC}

Engine - page 1 of 1

J&G Aviation, LLC - [REDACTED]

N2550L

hobbs : 286.1

CONT MOTOR, 0-300 SER, S/N: 35264-D-6-D

tach: 1837.6

June 08, 2022

- Completed 100 hour/ annual inspection Annual Inspection:
- Compressions Cyl1: 74/80 Cyl2: 66/80, Cyl3: 64/80 Cyl4: 50/80, Cyl5: 74/80 Cyl6: 70/80.
- Pressure checked exhaust system.
- Drained oil. R/R oil filter p/n: AA48110-2. Added 8 its of 20w50. inspected oil filter, and sent oil sample top Blackstone labs for analysis.
- Installed 4 each Rem 40 E spark plugs.
- Installed FS-KT-1 - Fuel Strainer Kit.
- Replace # 4 cylinder exhaust stack with new PN
- Replaced camlock Installed P/N 40S5-2 - Camloc fastener.
- Installed correct high temp lock nuts and new gaskets. on R/H exhaust clamps
- Secured throttle cable from chaffing.

I certify that that this engine has been inspected in accordance wit a 100 hour/annual inspection and was determined to be in airworthy condition. Details of work performed are on file with J&G Aviation under work order WO 1089.