

**ENGINE LOG**  
**EF5-1**

Aug 24 @ 1924

## ENGINE DESCRIPTION

MANUFACTURER CONTINENTAL MODEL O 470 R

SERIAL NUMBER 133126-6-R DATE OF MANUFACTURE 1966

RATED BHP 230 RPM 2600 MANIFOLD PRESSURE \_\_\_\_\_

FUEL REQUIRED OCTANE/PERFORMANCE \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET & NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET & NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

## INSTALLATION RECORD

[illegible]

RECORD

ATURE  
NO.

## INSPECTION &amp; MAINTENANCE RECORD

Major Overhaul @ 3082.5

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME

5/1/2002 TACH 3092.4 TET Since New 3082.5 TT SHOW 3050 (3.5) B.

This engine has received a major overhaul in accordance with Teledyne Continental Motors Form No. X30022A Dated August 1982. Complied with mandatory replacement of parts in accordance with TCM SB-97-6 Revision C dated 4-7-97. Removed & replaced P/N 64941 Crankshaft With New S/N No 1CA 186 unit; and removed & replaced Camshaft P/N 535661 in Overhauled condition S/N R36379-1. Installed new Spark Plugs. - The following accessories were overhauled 1st Magneto - 1st Magneto, Starter, Carburetor, Alternator, Starter Adaptor, Vacuum pump, Prop Governor.

Engine test run in accordance with TCM TABLE XVI 250 HP. Adjusted & Checked for leaks. All systems appear to be normal at this time.

All AD notes were checked for compliance thru DW 2002-09. See 337 Dated 5-1-02

Bruce C. Cullum AP 2020444 IA

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
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DATE

TOTAL  
TIME

6-26-02 Tech 3104.09 TETSMOH 12.09 - Changed oil & filter. Installed 11 qts AeroShell 15W50.

Filter was split & inspected. Engine visual inspection and found to be satisfactory for return to service.

ALL CYL HAVE NEW BARRLS

AP 20284441A

THE AIRCRAFTS MAN @ ELYRIA AIRPORT, OHIO

PHONE 440-458 4666

BRUCE DV SCOTT

# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.



## ENGINE

N2453Q

Model: Cessna 182K

S/N: 18257653

Hobbs: 3126.2

Installed new oil cooler and adaptor plate gaskets. Resealed oil pump cover and installed new tachometer drive housing. Leak check ok.

Details of work accomplished are on file at this agency under W/O 9763

Authorized Signature

Date: 11/8/02

FAA Repair Station# CS3R434L 5007 E. Anderson Fresno, Ca 93727 (559) 454-7540

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
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DATE

TOTAL  
TIME

12/17/02

3130.0

CHECKED COMPRESSION AS FOLLOWS  
COMPRESSION CHECK

#1	#2	#3	#4	#5	#6
74	74	76	77	75	77
80	80	80	80	80	80

Details of work accomplished are on file at this  
agency under Work Order No. 5864

Authorized Signature

Fresno Jet Center, Inc.

FAA Approved Repair

5007 E Andersen Ave

Station No. CS3R434L

Fresno, CA 93727

(559) 454-7540

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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## ENGINE

N2453Q Hobbs/Tach: 3135.0  
Eng TT: 3135.0 SMOH: 43.0

C/W 100hr inspection I/A/W FJC inspection form. Changed oil and filter, cut open filter no contaminants found. Serviced with 15-50W oil. Compression results: 76\*74\*76\*76\*74\*72/80. Ground run operational and leak check ok. \*\*\*END\*\*\*

I certify that this ENGINE has been inspected in accordance with the 100 Hour Inspection and is approved for return to service. Details of this inspection are on file at this agency under W/O 9922.

Authorized Signature

Date: 2/7/03

FAA Repair Station CS3R434L 5007 E. Anderson Fresno, Ca 93727 (559) 454-7540

3162.21

3135.0

27.21

Nov 24 2003

Install Shadin fuel flow transducer PER STC

SA 964 G4. SEE 337 11-7-03

CW Jones A+P 2114214AI

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	DESCRIPTION
Feb 17, 2004	TACH 3225.3 hrs	Total Time 3225.3 hrs
	SMOH-133.3 hrs.	Checked Timing, Install nuts on lower REAR Through bolt & Torqued to specs. Inspected heat muffler for cracks. Compression #178 #274 #372 #476 #576 #672. Cleaned gapped spark plugs & tested carb. hub engine controls. Reattached Alt ground wire & nose filter. filled dressed painted prop. no log found. Time from last OH. 8/19/93 167.2 by H+S prop Shop. OH recommended due to Date of OH

I certify that this aircraft has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition.

SEE AD hist by Avantext  
Dated 2-11-2004

Date 2/17/04 Tach Time 3225.3 Total 3225.3 SMOH 133.3 hrs.  
Name William D Jones  
No. A5 P2114214 AI

Feb 04, 2005. Tach Time 3309.07 hrs. 226.57 SMOH.  
Change Oil Aeroshell 15W50 & Oil filter.  
Compression OK. 1# 79-70-77-79-72-78. Check Timing inspected muffler, for cracks OK. Clean & gapped spark plugs. & tested. hub controls. NEXT PAGE

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
FEB 04, 2005		REPLACE FRONT COWL GASKET REPLACE EGT with ET CHT/EGT SEE 337 this DATE. SEE AD list this date by Auantext.
<p>I certify that this <sup>ENGINE</sup> aircraft has been inspected in accordance with a <u>100hr.</u> inspection and was determined to be in airworthy condition. Date <u>2-4-5</u> Tach Time <u>3309</u> Total <u>3309</u> <u>226.57</u> SMOH Name <u>Curtis D Jones</u> No. <u>ACP 2114214 AI</u></p>		

JAN 11, 2006 Tach Time 3426.6 hrs. 344.1 SMOH  
 Changed Oil Aeroshell 15W50 Compression 1/79 2/78  
 3/78 4/78 5/78 6/78. CLEANED & gapped & Tested  
 Spark plugs. Check mag Timing to 25°. Inspected  
 muffler for leaks. OK. Hub controls. SEE  
 AD list Dated 1/11/06 by Auatext.

I certify that this <sup>ENGINE</sup> aircraft has been inspected in  
 accordance with a 100hr. inspection  
 and was determined to be in airworthy condition.  
 Date 1/11/06 Tach Time 3426.6 Total 344.1 smoh  
 Name Curtis D Jones  
 No. ACP 2114214 AI

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME
02-05-07	Tach Time 3503.55 hrs. 421.05 hrs SMOH
Cleaned, gapped and tested Spark plugs. Rotated and installed in Engine. Change Oil & Filter Aeroshell 115450. Check Mag Timing. Inspected & Leak Tested Exhaust system & muffler. hub controls, rod ends & cables Compression #1 74 #2 70 #3 74 #4 70 #5 74 #6 72. SEE AD list by Aviantext	

Date 2-05-07.

I certify that this aircraft has been inspected in accordance with a 100hr. inspection and was determined to be in airworthy condition.

Date 2-05-07 Tach Time 3503.55 Total SMOH 421.05 hrs.  
Name William D. Gant  
No. A-P2114214 AL

02/01/08 Tach + Total Time 3576.87 SMOH - 492.37 hrs.  
Cleaned, gapped and tested Spark plugs. Compression 1 79/80 2 80/80 3 80/80 4 80/80 5 80/80 6 80/80 Check Mag Timing to 25 inspected muffler for crack found OK. hub controls Tested preheat system, OK. SEE AD List by Aviantext  
next - page

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME

I certify that this aircraft has been inspected in  
accordance with a 100 hr. inspection  
and was determined to be in airworthy condition.

Date 7/01/08 Tach Time 3576.87 Total 3576.87

Name

No.

APP 2114214 AI

02/10/09 Tach Time 3660.88 SMOH 571.98 hrs.

Cleaned gapped, Tested & Rotated Spark plugs.  
Checked Timing to 25° Compression #1 74 #2 68 #3 64 #4 72  
#5 74 #6 74. Changed Oil & Filter 15W50 Aeroshell.

Inspected Exhaust System for leaks. SEE AD List by  
AOA text

I certify that this aircraft has been inspected in  
accordance with a 100 hr. inspection  
and was determined to be in airworthy condition.

Date 7/10/09 Tach Time 3660.88 Total 3660.88

Name

No.

APP 2114214 AI

PER MAINTENANCE manual  
& CHECK list.

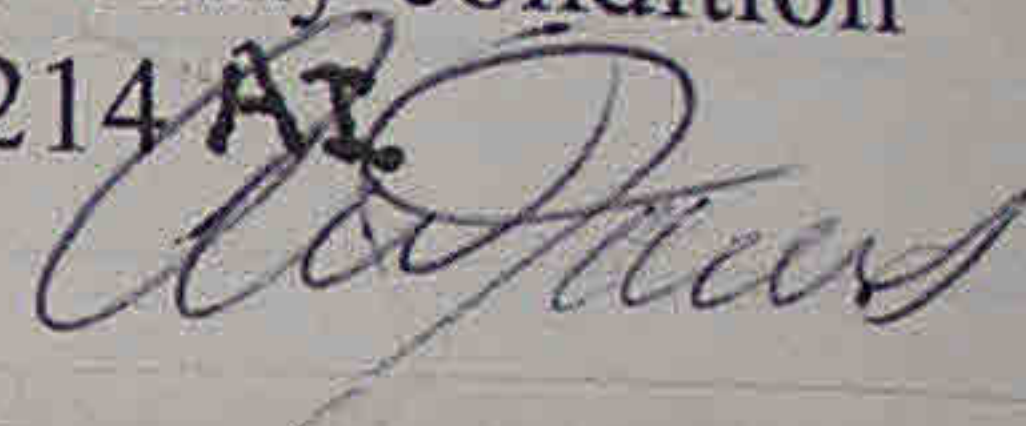
# INSPECTION & MAINTENANCE RECORD

INSPECTION OF MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

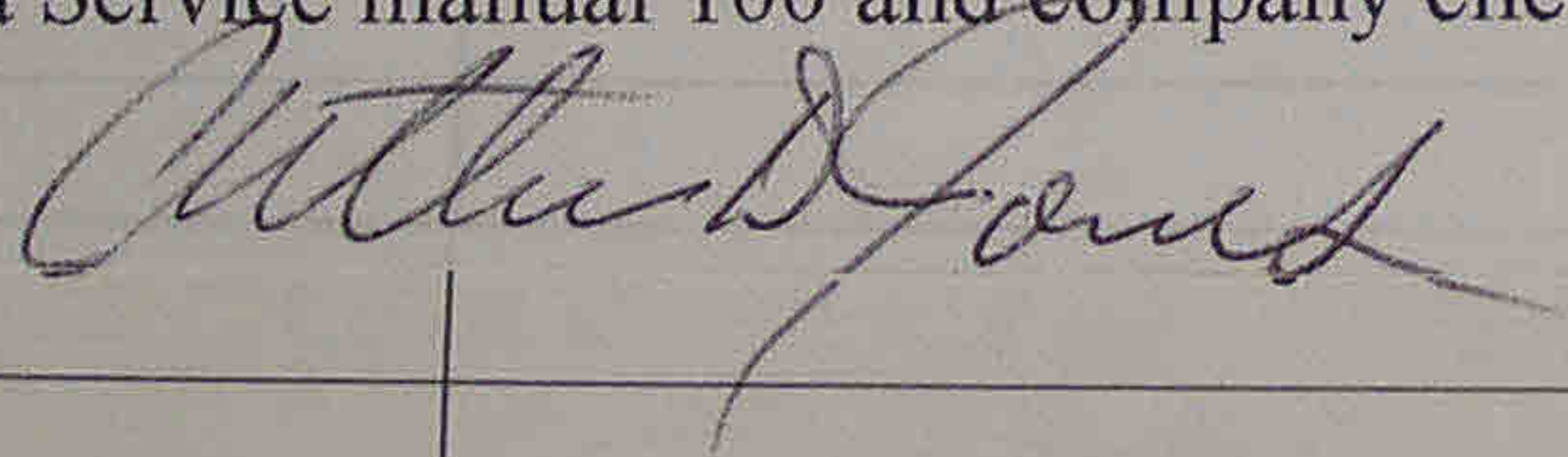
DATE

TOTAL  
TIME

January 29, 2010 Tach Time 3733.8 hrs Total time 3733.8 hrs SMOH 644.9 hrs  
Compress 1 78/80 2 74/80 3 74/80 4 74/80 5 76/80 6 74/80. Installed new points  
Capasitors, oil seals in both mags and repacked mag bearings. Time to engine 22 degrees  
Inspected heat muff and exhaust system. Lub all controls repaired heat sheild on #1 cly  
Intake hose. Tighten all intake hose clamps. Cleaned, gapped, tested and rotated spark plugs  
See AD list by avantext dated 01/29/2010. I certify that this engine has been inspected in  
accordance with 100 hrs inspection and was determined to be in airworthy condition  
according to 43.13 appendix D and check list. Arthur D Jones 2114214 A.I.



January 20, 2011 Tach Time 3775.0 hrs Total time 3775.0 SMOH 686.1 hrs. Compression 1  
78/80 #2 72/80 #3 65/80 #4 71/80 #5 74/80 #6 72/80. Checked mag timing to engine 22 degrees  
Removed #3 Cylinder for repair by Mountain View Aeromotive and installed repaired cyl.  
Inspected heat muff and exhaust system. Cleaned, gapped, tested and rotated spark plugs.  
See AD list by Avantext this date I certify that this engine has been inspected in accordance with  
100 hrs inspection and was determined to be in airworthy condition according to 43.13 appendix  
D Cessna Service manual 100 and company check list Arthur D Jones 2114214 A.I.



# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME

January 18, 2012 Tach Time 3822.9 hrs Total time 3822.9 hrs SMOH 734 hrs. Compression:  
#1 72/80 #2 70/80 #3 79/80 #4 75/80 #5 79/80 #6 72/80 Changed oil and filter with Aeroshell  
15W50. Checked mag timing to 22 degrees Inspected heat muff and exhaust system, Cleaned  
gapped, tested and rotated spark plugs. See AD list this date by Avantext. I certify that this  
engine has been inspected in accordance with a 100 hrs inspection and was determined to be in  
airworthy condition according to 43.13 appendix D, Cessna service manual 100 and company  
check list. Arthur D Jones 2114214 A.I. *Arthur D Jones*

February 8, 2013 Tach and Total Time 3872.35 hrs SMOH 783.45hrs Compression #1 74/80 #2  
74/80 #3 74/80 #4 74/80 #5 74/80 #6 74/80. Checked Mag timing to 22 degrees, owner  
advisory SEL-74-03 DNA time of OH out to time window. Inspected heat muff and exhaust  
system. Cleaned gapped, tested and rotated spark plugs. Replaced gasket on oil cooler adapter. I  
certify that this engine has been inspected in accordance with a 100 hrs inspection and was  
determined to be in airworthy condition according to 43.13 appendix D, Cessna service manual  
100 and company check list. See AD list dated 2/6/2013. Arthur D Jones 2114214

*Arthur D Jones*