

Engine

Engine Maintenance Record

Date/Tach

Engine
TSMO

Engine
TT/HR

Aircraft
TT/HR

5/3/24

Installed Tempco TAF-L Oil Filter
adapter w/ Tempco Oil Filter # AA48108-2

222

810

222

10/6/24

Changed oil w/ Tempco Oil Filter # AA48108-2
Compression #1 - 70/80 #2 72/80 #3 72/80 #4 74/80

Small oil leak at base of pushrod tube
checked all fittings and control connections
changed oil filter tested fuel system

Differential
Compression

Cyl 1 70
80

Cyl 2 74
80

Cyl 3 72
80

Cyl 4 74
80

Cyl 5
80

Cyl 6
80

Cyl 7
80

Cyl 8
80

Cyl 9
80

N 51156

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Total Time

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Date/Tach

Engine Maintenance Record

Engine
TSMOEngine
TT/HRAircraft
TT/HR

10/2/23 Inspected all fuel lines carb fittings ^{Timed} Mags all normal upon run-up misfire on left mag Cyl #2 removed mag-rebuilt reinstalled Timed test run Normal test flew in pattern.

Replaced mount bushings replaced Air-filter
Inspected carb mount and cables inspected exhaust checked bolts and torqued all nuts replaced Carter pins inspected all fuel lines checked for leaks mda Replaced lower Sparkplugs with REM40E

Differential
CompressionCyl. 1 $\frac{72}{80}$ Cyl. 2 $\frac{74}{80}$ Cyl. 3 $\frac{72}{80}$ Cyl. 4 $\frac{74}{80}$ Cyl. 5 $\frac{80}{80}$ Cyl. 6 $\frac{80}{80}$ Cyl. 7 $\frac{80}{80}$ Cyl. 8 $\frac{80}{80}$ Cyl. 9 $\frac{80}{80}$

216.17

216.17

N _____

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804.89

Engine Maintenance Record

Date/Tach

Engine
TSMO

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Aircraft
TT/HR

Swapped 2 bolts missing on dist. Caps & replaced
Swapped Top to Bottom Sparkplugs & tightened

9-15-19

New Spark Plugs Cyl Test 1-73/80 2-74/80 3-77/80 4-73/80
Replaced Air Filter Changed Oil w/ Exxon Elite 20W50

Spark Plugs - Champion REM40E (E)

4-17-21

Removed and cleaned spark plugs swapped

Top To Bottom all 8 -

Cyl Test 1-74/80 2-73/80 3-72/80 4-74/80

Cleaned Oil screen Changed Oil replaced Air Filter

removed, cleaned regapped all spark plugs and swapped
all Top to bottom

Differential Compression	Cyl 1 <u>74</u> 80	Cyl 2 <u>73</u> 80	Cyl 3 <u>72</u> 80	Cyl 4 <u>74</u> 80	Cyl 5 <u> </u> 80	Cyl 6 <u> </u> 80	Cyl 7 <u> </u> 80	Cyl 8 <u> </u> 80	Cyl 9 <u> </u> 80
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Aircraft
TT/HR

Date/Tach

6-11-17
143.43

Charged O-1 and cleaned Screen
Exon Elite 20^W-50^W Inspect all fuel
line and fittings on engine and tapered
Differential Compression test #1 ⁷⁴/₈₀ #2 ⁷⁵/₈₀
#3 ⁷⁵/₈₀ #4 ⁷⁵/₈₀ Replaced Air filter
Cleaned and gaped spark plugs swapped
top to bottom cyl. Cleaned and replaced
rubber engine battels. Mon. 12/20/22

73-18

Changed Oil Exam Elite 20w-50w Synt.
inspected fuel lines carb fitting & torque comp
Test cleared & repair spark plug timed engine

Differential Compression	Cyl. 1 $\frac{72}{80}$	Cyl. 2 $\frac{74}{80}$	Cyl. 3 $\frac{73}{80}$	Cyl. 4 $\frac{71}{80}$	Cyl. 5 $\frac{\quad}{80}$	Cyl. 6 $\frac{\quad}{80}$	Cyl. 7 $\frac{\quad}{80}$	Cyl. 8 $\frac{\quad}{80}$	Cyl. 9 $\frac{\quad}{80}$
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Engine Maintenance Record

Date/Tach

Engine
TSMO

Engine
TT/HR

Aircraft
TT/HR

5-25-14
165.34

mant bolts cleaned engine swaged spark plugs
top to bottom inspected Air Cleaner and replaced mda
Changed oil with 5 qt Exxon Elite
20W-50 checked air filter - clean checked
pitch on prop.

6-18-16

Changed oil cleaned oil screen
inspected fuel lines replaced all
fittings on engine and controls
differential compression check
Cyl #1 74/80 #2 76/80 #3 75/80 #4 76/80
Mandy Sorensen

193.43

587.92

193.73

Differential
Compression

Cyl 1 80

Cyl 2 80

Cyl 3 80

Cyl 4 80

Cyl 5 80

Cyl 6 80

Cyl 7 80

Cyl 8 80

Cyl 9 80

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587.92

Date/Tach

Engine Maintenance Record

Engine
TSMOEngine
TT/HRAircraft
TT/HRCyl #1 $77/80$ #2 $74/80$ #3 $77/80$ #4 $76/80$ 130.6
^{WOL}
~~490.6~~
390.6

130.6

10-26-13

Re-Torqued prop bolts removed and cleaned

Spark plugs replaced top to bottom

Differential pressure #1 $77/80$ #2 $74/80$ #3 $77/80$ #4 $76/80$ inspected engine mount bolts

Fuel fittings replaced Air filter, inspected

all control cables & fittings up to standards

Changed oil & cleaned filter screen ^{WOL} MITE387.6
~~497.6~~
^{WOL}
MITE

137.6

5-7-14

Changed oil & cleaned filter screen differential

Compression check cyl #1 $70/80$ #2 $72/80$ #3 $74/80$ #4 $74/80$

removed & cleaned spark bolts inspected all fuel fittings

144.49
^{WOL}
~~504.64~~
394.49

144.49

Differential
CompressionCyl. 1 $\frac{\quad}{80}$ Cyl. 2 $\frac{\quad}{80}$ Cyl. 3 $\frac{\quad}{80}$ Cyl. 4 $\frac{\quad}{80}$ Cyl. 5 $\frac{\quad}{80}$ Cyl. 6 $\frac{\quad}{80}$ Cyl. 7 $\frac{\quad}{80}$ Cyl. 8 $\frac{\quad}{80}$ Cyl. 9 $\frac{\quad}{80}$

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Engine Maintenance Record

Date/Tach

Engine
TSMO

Engine
TT/HR

Aircraft
TT/HR

5-7-11

Changed oil Cleaned filter screen
Replaced Air filter checked torqued Comb bolts,
manifold bolts, pulled spark plugs inspected cleaned
and swapped top to bottom Differential Compression
Check #1 $7\frac{3}{80}$ #2 $7\frac{6}{80}$ #3 $7\frac{4}{80}$ #4 $7\frac{6}{80}$

365 ^{not}
360

115

4-6-12

Changed oil Cleaned filter screen
inspected Air filter inspected engine
compartment (mdu) Replaced Air filter
re torqued engine mount bolts, all fuel
fittings, cable controls, heater controls,
and manifold attached and Differential Compression check

^{not}
387.6
490.6
^{not}

^{not}
137.6

Differential
Compression

Cyl 1 $\frac{\quad}{80}$	Cyl 2 $\frac{\quad}{80}$	Cyl 3 $\frac{\quad}{80}$	Cyl 4 $\frac{\quad}{80}$	Cyl 5 $\frac{\quad}{80}$	Cyl 6 $\frac{\quad}{80}$	Cyl 7 $\frac{\quad}{80}$	Cyl 8 $\frac{\quad}{80}$	Cyl 9 $\frac{\quad}{80}$
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N 515G

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Engine Maintenance Record										Engine TSMO	Engine TT/HR	Aircraft TT/HR	
Date/Tach													
11 1-06	Differential Compression Check										336.44	86.44	
	#1 79/80 #2 75/80 #3 70/80 #4 75/80												
1-11-07	Differential Compression Check										344.96	94.96	
	#1 70/80 #2 75/80 #3 72/80 #4 76/80												
1/16/08	Differential Compression Check										355.7	105.70	
	#1 70/80 #2 75/80 #3 72/80 #4 77/80												
	Replaced Air filter changed oil and												
	cleaned filter screen												
5-1-10	Changed oil cleaned filter screen												
	Replaced air filter Differential Compression												
	Check #1 70/80 #2 74/80 #3 72/80 #4 75/80												
Differential Compression	Cyl. 1 80	Cyl. 2 80	Cyl. 3 80	Cyl. 4 80	Cyl. 5 80	Cyl. 6 80	Cyl. 7 80	Cyl. 8 80	Cyl. 9 80				
N511JG										Total Time			
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Engine Maintenance Record

Date/Tach

Engine
TSMO

250
Engine
TT/HR

Aircraft
TT/HR

4/5/03/23.4	Installed New Carb and Controls installed new Valve cover gaskets Changed oil & cleaned screen checked mount Bractett Air Filter replaced # BA 4106									273.4	23.4	
9-28-03	Differential Compression Check along with overall Check of bolts Nuts engine mounts changed oil									300	50	
	Cyl 1 $\frac{74}{80}$ Cyl 2 $\frac{75}{80}$ Cyl 3 $\frac{70}{80}$ Cyl 4 $\frac{76}{80}$									322.65	72.65	
	Changed oil, cleaned oil screen added one can of Avblend checked engine mounts carb linkage, replaced Air filter,											
10/3/04	Differential Compression Check of C-40 on N5113G Cyl 1 $\frac{70}{80}$ Cyl 2 $\frac{75}{80}$ Cyl 3 $\frac{70}{80}$ Cyl 4 $\frac{75}{80}$									324	74	
	Changed Air filter Changed oil cleaned oil screen checked engine mounts carb linkage carb bolts heat exchangers fuel hoses,											
	Differential compression OK #1 $\frac{70}{80}$ #2 $\frac{75}{80}$ 3 $\frac{70}{80}$ 4 $\frac{75}{80}$											
9/25/05												
Differential Compression	Cyl 1 $\frac{80}{80}$	Cyl 2 $\frac{80}{80}$	Cyl 3 $\frac{80}{80}$	Cyl 4 $\frac{80}{80}$	Cyl 5 $\frac{80}{80}$	Cyl 6 $\frac{80}{80}$	Cyl 7 $\frac{80}{80}$	Cyl 8 $\frac{80}{80}$	Cyl 9 $\frac{80}{80}$			
N5113G												
Page No. 1											Total Time	

Manufacturer Continental

Model C90-12F

Serial Number 40900-8-12

Type Certificate Data Sheet _____

Time - 26° - 28°

Spark Plugs 33 ¹/₂ lb

Champion ~~REM~~ REM 40E-E