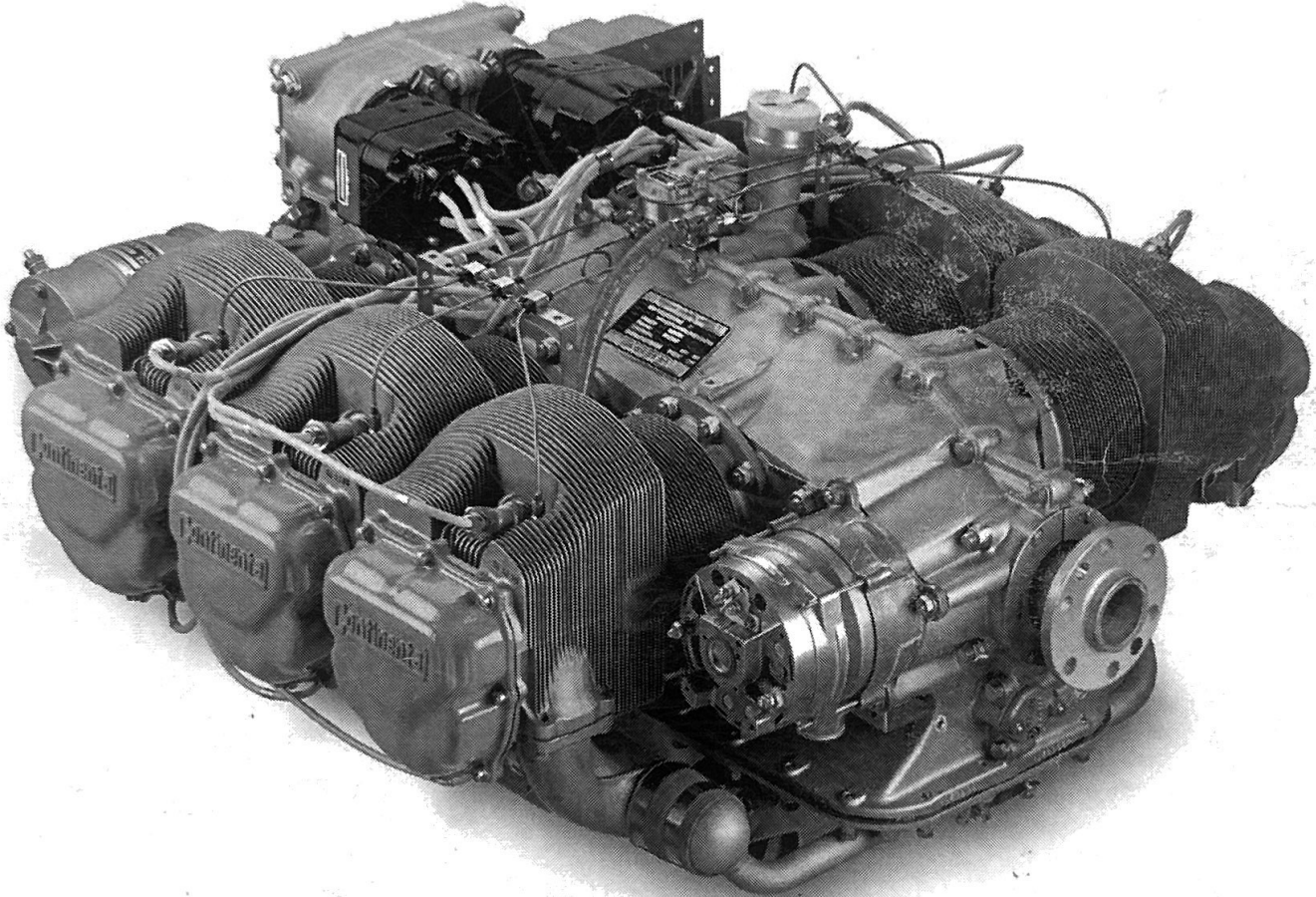


RIGHT

ENGINE LOG BOOK

S/N 681110



Teledyne Continental Motors, Inc.

Aircraft Engine Test Verification

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

Engine Model

I0550 E6B

Engine Serial Number

681110

Testing Completed

Standard Acceptance Test:

Date of Completion 12-15-02 Test Operator _____

12/15/02



Form No 98344

Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 12/16/2002

This engine model **I0550E6**, Serial No. **681110** was manufactured on **12/15/2002** by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

(Handwritten initials)

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

COLEMILL ENTERPRISES, INC.

N20TY

DATE: 05-06-03

HOBBS: 0901.3

ENGINE T.T.S.N.: 00.0

Installed this engine Model IO-550-E, S/N 681110 on the Right hand side of BEECH B-55 s/n TC-254. Engine was new at time of installation. Serviced engine with 12 Qts. Aeroshell oil 100. Baffling and seal material was repaired or replaced as required. Replaced all engine mounts and hoses with new units. Refer to serialized component list for details of installed components at this time. Installed new air, Pneumatic filters. Installation was accomplished in accordance with STC SA 432SO. Engine was ops checked and ground run and checked for leaks. I certify this ENGINE has been inspected in accordance with A ANNUAL Inspection and found airworthy for return to service.

J.B. Wallace
 J. B. Wallace
 I/A 247924128

07-03-2003	30.2	30.2	HOBBS: 931.5 SERVICED ENGINE, REMOVED OIL AND OIL FILTER. ADDED 12 QTS AEROSHELL 100SAE 50 WEIGHT MINERAL AND CH48108 SCREW ON FILTER. ENGINE WAS OPS CHECKED AND GROUND RUN, CHECKED FOR LEAKS. NONE FOUND. FRED W. KRIEG PILOT CERTIFICATE #1676866 OWNER <i>Jul W Krieg</i> TCM PART NO 649922 OIL FILTER
10-09-2003	59.5	59.5	HOBBS: 960.8 SERVICED ENGINE REMOVED OIL AND OIL FILTER. ADDED 12 QTS AEROSHELL 100SAE 50 WEIGHT DETERGENT OIL AND A CH48108 (TCM PART NO 649922 SCREW ON OIL FILTER) ENGINE WAS OPS CHECKED AND GROUND RUN, CHECKED FOR LEAKS, NONE FOUND FRED W. KRIEG PILOT CERTIFICATE # 1676866 OWNER <i>Jul W Krieg</i>
01-10-2004	116.5	116.5	HOBBS: 1017.8 SERVICED ENGINE REMOVED OIL AND OIL FILTER. ADDED 12 QTS AEROSHELL W 100 SAE 50 WEIGHT OIL AND A CH 48108 (TCM PART NO 649922 SCREW ON) OIL FILTER. ENGINE WAS OPS CHECKED AND GROUND Run, CHECKED FOR LEAKS, NONE FOUND. FRED W. KRIEG OWNER, PILOT CERTIFICATE # 1676866. <i>Jul W Krieg</i>
05-02-2004	176.6	176.6	HOBBS 1077.9 SERVICED ENGINE REMOVED OIL AND OIL FILTER. ADDED 12 QTS AEROSHELL W 100 SAE 50 WEIGHT OIL AND A CH-48108-1 (TCM PART NO. 649922 SCREW ON OIL FILTER.) ENGINE WAS OPS CHECKED AND GROUND Run, CHECKED FOR LEAKS

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
	176.6				
Brought Forward	→		176.6		
NONE FOUND. FRED W. KRIEG OWNER, PILOT CERTIFICATE # 1676866					
<i>Fred W. Krieg</i>					

DATE 7-1-04 HOBBS 1099.1 TOTAL TIME 197.8 N20TY
RIGHT ENGINE

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. REPAIRS AND MAINTENANCE ARE AS FOLLOWS: COMPRESSIONS: 1- 70/80, 2- 74/80, 3- 74/80, 4- 74/80, 5- 76/80, 6- 76/80. OIL AND FILTER CHANGE. INSPECT OIL FILTER. INSTALL NEW CH48108-1 FILTER AND SERVICE ENGINE WITH 12 QTS. OF AEROSHELL 100W OIL. ALL AD'S CURRENT, SEE AD COMPLIANCE RECORDS. GROUND RUN, OPERATIONAL AND LEAK CHECK PERFORMED SATISFACTORY. END


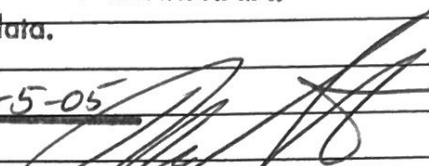
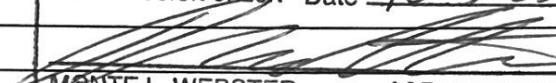
Kurt Schimpf A&P 242400971A
KURT SCHIMPF A&P2926400971A
SELECT AIRCRAFT SERVICE

DATE 9-4-04 HOBBS 1102.3 S/N FJ415B RH ENGINE

RE-INSPECT AFTER PAINT.
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. END.

Kurt Schimpf A&P 242400971A
KURT SCHIMPF A&P2926400971A
SELECT AIRCRAFT SERVICE

04-21-2005	251.7	251.7	OIL AND FILTER CHANGE, INSTALL NEW		
HOBBS TIME		1153.0	CH48108-1 (TCM PART # 649922) FILTER		
			AND SERVICED ENGINE WITH 12 QTS OF		
			AEROSHELL 100W OIL (GROUND RUN),		
			OPERATIONAL AND LEAK CHECK PERFORMED		
			SATISFACTORY. FRED W. KRIEG OWNER PILOT		
			CERTIFICATE # 1676866 <i>Fred W. Krieg</i>		

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins																		
	Hrs.	Min.	Hrs.	Min.																			
Brought Forward →																							
<table border="1"> <thead> <tr> <th>DATE</th> <th>AIRFRAME</th> <th>ENGINE</th> </tr> </thead> <tbody> <tr> <td>10-5-05</td> <td>3692.4</td> <td>278.2</td> </tr> </tbody> </table>				DATE	AIRFRAME	ENGINE	10-5-05	3692.4	278.2	I certify at the time of this <u>ANNUAL</u> inspection the <u>ENGINE</u> was in compliance with all known F.A.A. approved data.													
DATE	AIRFRAME	ENGINE																					
10-5-05	3692.4	278.2																					
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.				Date: <u>10-5-05</u>																			
 MONTE L. WEBSTER A&P 541426753IA				 Monte L. Webster A&P 541426753IA																			
<table border="1"> <thead> <tr> <th>#1</th> <th>#2</th> <th>#3</th> <th>#4</th> <th>#5</th> <th>#6</th> </tr> </thead> <tbody> <tr> <td>72</td> <td>72</td> <td>68</td> <td>68</td> <td>70</td> <td>70</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </tbody> </table>						#1	#2	#3	#4	#5	#6	72	72	68	68	70	70	80	80	80	80	80	80
#1	#2	#3	#4	#5	#6																		
72	72	68	68	70	70																		
80	80	80	80	80	80																		
COMPRESSION CHECK Date <u>10-3-05</u>  MONTE L. WEBSTER A&P 541426753IA																							

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184

Manufacturer	Continental	Total Time	288.0	Date	01/24/2006
Model Number	10-550-E (6B)	WO Number	09621		
Serial Number	681110				

Disassembled engine due to a failed #4 cylinder. Replaced the crankshaft. Installed a new camshaft and hydraulic lifters. Installed a new #4 cylinder assembly. Honed the other 5 cylinders and installed new rings. The oil cooler was flushed. The governor was overhauled. Assembled engine in accordance with Continental Manual X30607A. See following list of parts installed. Engine was run on a test stand.

The fuel injection system MUST be adjusted in accordance with the latest engine and airframe manufacturers instructions when this engine is installed in the aircraft.

Service Information

Service Bulletin	Subject	Compliance
MSB96-10	Ultrasound inspection	Installed a new VAR crankshaft.
SB96-7C	Torque limits	Used the correct torque limits.
SB00-3A	Crank, ctw's & rods	Inspected the crankshaft, counterweights and connecting rods.

Airworthiness Directives

Engine

AD Note	Amend #	Dated	R	Subject	Compliance
99-19-01	39-11290	09/30/1999	N	Crankshaft inspection	N/A by crankshaft serial number and date of last factory work.
2000-23-21	39-11994	12/12/2000	N	Crankshaft inspection	The crankshaft in this engine is not affected by engine or crankshaft serial number per Service Bulletin MSB00-5D.
2004-08-10	39-13579	05/05/2004	N	ECI Cylinders	N/A by cylinder manufacturer.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 09621.

Date: 01/24/2006 Signed  Inspector for Premier Aircraft RS JZYR537L.

Premier Aircraft

1000 NW Perimeter Way, Troutdale, OR 97060-9524

Phone: (503) 661-4184 Fax: (503) 667-4052 Repair Station: JZYR537L

List of Parts Installed for Work Order No.: 09621

Qty	Part Number	Description	Qty	Part Number	Description
6.0	630046	Piston Pin	24.0	MS20500-428	Nut
1.0	641250	Crankshaft Seal	1.0	MS35756-8	Woodruff Key
12.0	642398	Rod Bearing	1.0	629163-5	Clamp
1.0	646592A2	Main Bearing Set	5.0	654716	Ring Set
1.0	646623	VAR Crankshaft Assembly S/N: N05JA281	1.0	655471A4	Cylinder Kit S/N: AC05KB480
12.0	654490	Rod Nut	10.0	M674	Spark Plug Washer
12.0	655958	Rod Bolt	2.0	RHB32E	Spark Plug
1.0	EQ6995	Cam & Lifter Kit 655384 Camshaft, S/N: Z05HA130			

08-07-2006 306.9 306.9 HOURS TIME 1210.9 OIL AND FILTER CHANGE, INSTALLED NEW CH48108-1 (GPM PART# 649922 FILTER) SERVICED ENGINE WITH 12 QUARTS OF AEROSHELL 100 (STRAIGHT MINERAL), GROUND RUN AND LEAK CHECK PERFORMED SATISFACTORY. FRED W KRIEG OWNER PILOT CERTIFICATE #1676866 ISSUED 06-20-2005, END

DATE	AIR FRAME	ENGINE
12-6-06	3732.1	317.9
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.		
MONTE L. WEBSTER		A&P 541426753IA

I certify at the time of this ANNUAL inspection the ENGINE was in compliance with all known F.A.A. approved data.

Date: 12-6-06

Monte L. Webster A&P 541426753IA

#1	#2	#3	#4	#5	#6
73	72	72	73	71	72
80	80	80	80	80	80
COMPRESSION CHECK		Date	<u>12-4-06</u>		
MONTE L. WEBSTER		A&P 541426753IA			

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

February 16, 2007

N20TY

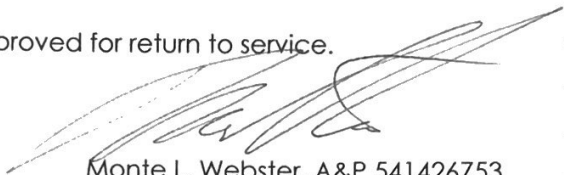
Hobbs: 1219.2

TTAF 3732.1

TT Engine 317.9

Removed stock fuel injection nozzles. Installed new fuel injection nozzles from T.C.M. kit-tuned injector nozzle, P/N EQ7489. Run both engines, no fuel leaks detected. Continued airworthiness instructions are embodied in the manufacturer's installation instructions dated 06-24-05 and are a permanent part of the maintenance records.

Aircraft is approved for return to service.

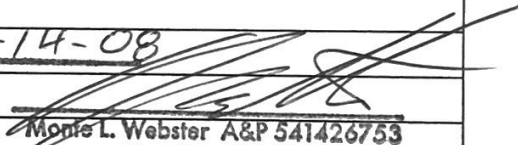


Monte L. Webster, A&P 541426753

DATE	TTAF	TT ENGINE
1-14-08	3738.5	324.3
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.		
MONTE L. WEBSTER		A&P 541426753IA

I certify at the time of this ANNUAL inspection the ENGINE was in compliance with all known F.A.A. approved data.

Date: 1-14-08



Monte L. Webster A&P 541426753

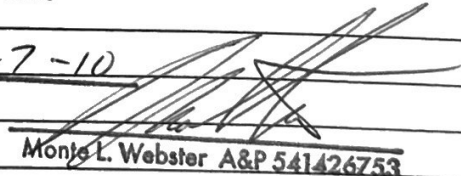
#1	#2	#3	#4	#5	#6
72	72	72	73	72	72
80	80	80	80	80	80
COMPRESSION CHECK Date <u>1-10-08</u>					
MONTE L. WEBSTER		A&P 541426753IA			

#1	#2	#3	#4	#5	#6
76	75	73	75	76	76
80	80	80	80	80	80
COMPRESSION CHECK Date <u>5-7-10</u>					
MONTE L. WEBSTER		A&P 541426753IA			

DATE	TTAF	TT ENGINE
5-7-10	3743.3	329.1
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.		
MONTE L. WEBSTER		A&P 541426753IA

I certify at the time of this ANNUAL inspection the ENGINE was in compliance with all known F.A.A. approved data.

Date: 5-7-10



Monte L. Webster A&P 541426753

Engine Service and Maintenance Record
 Installations, Inspections, Airworthiness Directives, Special Inspections,
 Modifications and Service Bulletins

Brought Forward →

DATE	TTAF	TTENG
6-20-11	3757.0	336.8

I certify that this ENGINE has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition.

[Signature]
 MONTE L. WEBSTER A&P 541426753IA

#1	#2	#3	#4	#5	#6
72	72	72	74	76	74
80	80	80	80	80	80

COMPRESSION CHECK Date 6-20-11

[Signature]
 MONTE L. WEBSTER A&P 541426753IA

I certify at the time of this ANNUAL inspection the ENGINE was in compliance with all known F.A.A. approved data.

Date: 6-20-11

[Signature]
 Monte L. Webster A&P 541426753

June 18, 2011 N20TY
 Hobbs: 1238.1 TTAF 3751.0 TT Engine 336.8
 Changed engine oil and filter (customer-furnished). Checked all AD's thru 10-11-04.
 Aircraft is approved for return to service.
 Monte L. Webster, A&P 541426753

DATE	TTAF	TTENG
8-1-13	3758.6	344.3

I certify that this ENGINE has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition.

[Signature]
 MONTE L. WEBSTER A&P 541426753IA

I certify at the time of this ANNUAL inspection the ENGINE was in compliance with all known F.A.A. approved data.

Date: 8-1-13^{AL}

[Signature]
 Monte L. Webster A&P 541426753

#1	#2	#3	#4	#5	#6
74	71	74	73	70	75
80	80	80	80	80	80

COMPRESSION CHECK DATE 7-24-13

[Signature]
 MONTE L. WEBSTER A&P 541426753IA

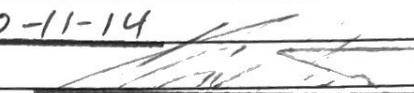
Engine Service and Maintenance Record
 Installations, Inspections, Airworthiness Directives, Special Inspections,
 Modifications and Service Bulletins

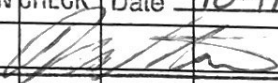
Date: _____ Total Time: _____ Time Since Last Overhaul: _____
 Hrs. Min. Hrs. Min.


Brought Forward → _____

DATE	T TAF	T TENG (R)
10-11-14	3768.8	354.6
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.		
MONTE L. WEBSTER		A&P 541426753IA

I certify at the time of this ANNUAL inspection the ENGINE was in compliance with all known F.A.A. approved data.

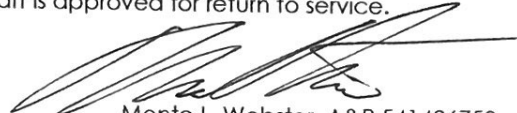
Date: 10-11-14

 Monte L. Webster A&P 541426753

70	71	70	70	73	72
80	80	80	80	80	80
COMPRESSION CHECK Date <u>10-11-14</u>					
					
MONTE L. WEBSTER			A&P 541426753IA		

CHECKED ALL AD'S THRU 14-05-29
 CHANGED CUSTOMER FURNISHED ENGINE OIL & FILTER THIS DATE 10-11-14


October 11, 2014 N20TY
 Hobbs: 1255.9 TTAF 3768.8 TT Engine 354.6

Installed new set of Champion spark plugs, P/N RHB32E this date. Aircraft is approved for return to service.

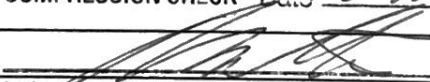

 Monte L. Webster, A&P 541426753

DATE	T TAF	T TENG (R)
6-22-16	3777.5	363.3
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.		
MONTE L. WEBSTER		A&P 541426753IA

I certify at the time of this ANNUAL inspection the RT ENGINE was in compliance with all known F.A.A. approved data.

Date: 6-22-16

Monte L. Webster A&P 541426753

1	2	3	4	5	6
71	72	71	70	70	72
80	80	80	80	80	80
COMPRESSION CHECK Date <u>6-22-16</u>					
					
MONTE L. WEBSTER			A&P 541426753IA		

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward →

DATE	TIME	TREK	(LIGHT)
6-23-17	37809	366	7
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.			
MONTE L. WEBSTER		A&P 5414267531A	

I certify at the time of this ANNUAL inspection the ENGINE was in compliance with all known F.A.A. approved data.

Date: 6-23-17

[Signature]
 Monte L. Webster A&P 541426753

1	2	3	4	5	6
74	76	71	74	74	74
80	80	80	80	80	80
COMPRESSION CHECK Date <u>6-23-17</u>					
MONTE L. WEBSTER		A&P 5414267531A			

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
9/1/2018	N20TY		Hobbs 1268.7		TTE 367.4
Compression test #1 70/80 #2 66/80 #3 68/80 #4 72/80 #5 66/80 #6 68/80. Cleaned gaped and tested spark plugs. Checked mag timing. Checked fuel and air screens and filters. I certify that this engine has been inspected IAW an annual inspection and has been found to be in airworthy condition.					
<i>Dana R Herold</i>					3365930IA
1/21/2020	N20TY		Hobbs 1273.2		TTE 371.9
Compression test #1 68/80 #2 68/80 #3 74/80 #4 74/80 #5 74/80 #6 73/80. Checked mag timing, tested sparkplugs. Checked fuel and ir screens and filters. I certify that this engine has been inspected IAW an annual inspection and is in airworthy condition.					
<i>Dana R Herold</i>					3365930IA
3/3/2021	N20TY		Hobbs 1273.4		TTE 372.1
Compression test #1 74/80 #2 72/80 #3 74/80 #4 75/80 #5 76/80 #6 76/80. Checked mag timing, tested sparkplugs. Checked fuel and air screens and filters. I certify that this engine hs been inspected IAW an annual inspection and is in airworthy condition.					
<i>Dana R Herold</i>					3365930IA
3/3/21	MAR-21-21		N/A		by Mfg date of engine Dana R Herold AD# 3365930
5/10/2022	N20TY		Hobbs 1273.4		TTE 372.1
Compression test #170/80 #2 72/80 #3 71/80 #4 71/80 #5 74/80 #6 70/80. Changed oil and filter added 12 qts AeroShell W100 and 1 CH48108 filter. Inspected old filter for contaminates found none. Accomplished AD 2022-04-04 replaced fiber gaskets with AN900-28 crush gaskets on oil filter adapter as per Stratus service bulletin SB-001 rev B. Checked mag timing, tested sparkplugs. I certify that this engine has been inspected IAW an annual inspection and is in airworthy condition.					
<i>Dana R Herold</i>					3365930IA

7/3/2023

N20TY

Hobbs 1273.4

TTE 372.1

Compression test #1 76/80 #2 75/80 #3 73/80 #4 76/80 #5 75/80 #6 76/80. Checked mag timing, tested sparkplugs. Checked fuel screens. I certify that this engine has been inspected IAW an annual inspection and is in airworthy condition.

ord
ctions,

Brougl

Dana R Herold

3365930IA

4/1/2026

N20TY

Hobbs 1273.6

TT Rt E 372.3

Compression test #1 72/80 #2 75/80 #3 74/80 #4 76/80 #5 76/80 #6 76/80. Changed oil and filter added 11 qts AeroShell W100 and 1 CH48108 filter. Inspected old filter for contaminates found none. Checked mag timing, tested sparkplugs. I certify that this engine has been inspected IAW an annual inspection and is in airworthy condition.

Dana R Herold

A&P 3365930IA



Teledyne Continental Motors, Inc.

P.O. Box 90 Mobile AL 36601 • 334-438-3411



GAMA

Member Of GAMA
General Aviation Manufacturing Association

FORM No. ELB-01
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