

#2

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**

**Powermaster Aircraft Engines**  
**9027 S. Airport Way**  
**Tulsa OK 74132**  
**918-299-0269**  
**FAA CRS P46R287Y**

**Engine Overhaul Record**

Date- 4-16-2018  
Engine Make- Continental  
Model- IO-550B  
Serial Number- 686054  
Engine Total Time-  
TSMOH- "0"

PAE Work Order 18-0416

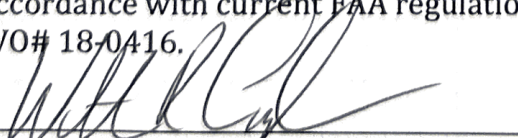
This entry certifies this engine has been overhauled to manufactures new part limits. This engine has been disassembled, cleaned, inspected and overhauled in accordance with CMI Overhaul manual M16. The following Accessories were overhauled or replaced new at time of overhaul unless noted:

Left Magneto-	BL-349350-4	F17KA145R	CMI
Right Magneto-	BL-349350-5	F18CA131R	CMI
Fuel Injection System:			
Previously Overhauled by Great Planes Fuel Metering			
Oil Cooler-	654572	1277	Eaton Thermal
Starter-	646238-2R	H-R051665	

Internal Steel certified by Aircraft Specialties on WO-247741.  
Crankcase Overhauled and Certified by Divco Inc on WO# WDC-119232.  
Camshaft PN-654084 installed.  
Superior Millennium Cylinders Installed, PN-SA52006-A23P, SN's- 32976, 32974, 32970, 32966, 32972, 32968.

AD's Complied With:  
AD-93-16-15 Installed fuel pump drive coupling PN-653359.  
AD-10-11-04 Installed 6 each 628488 and 6 each 646277, Hydraulic lifter assemblies.  
Installed New Camshaft Gear PN-656818 per MSB05-8B.

The engine and accessories listed above have been inspected and overhauled in accordance with current FAA regulations and were found airworthy for return to service. WO# 18-0416.

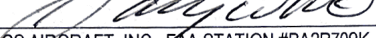
  
\_\_\_\_\_  
William R. Cunningham  
FAA CRS P46R287Y

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

DATE 11-MAY-2018 Beechcraft A36 Bonanza S/N E-499 N3116W  
 IO-550-B (12) B S/N 686054  
 Current TACH time 0.0 Current Engine Total Time: 1509.4 Time Since O/H 0.0  
 Work Order 4233

- 01 Remove Propeller for overhaul by M&M of Yukon OK. (Hartzel model PHC-C3YF-1RF S/N EE4080 Reinstalled after overhaul I/A/W Beech shop manual P/N 36-5900001-3B16 section 7.
- 02 Remove Engine for overhaul by Power Master of Tulsa ok. ( IO 550-B(12B) ) S/N 686054) Reinstalled after overhaul I/A/W Beech shop manual section 6.

The aircraft and/or component identified above was repaired and inspected in accordance with current FEDERAL AIR REGULATIONS and is approved for return to service.  
 Pertinent details of the repair are on file at the agency under work order # 4233 dated 11-MAY-2018

Signed Gary White  Inspector for  
 BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K  
 336893 E 930 RD - WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965

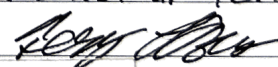
Phone: 405-258-2965  
 Fax: 405-258-3016  
 biggsair@yahoo.com

**BIGGS AIRCRAFT**


Private Airstrip - 8 Miles West of  
 Chandler, Oklahoma  
 Identifier 43 OK

Biggs Aircraft Inc CRS BA2R709K

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31-July 18				Drained oil and replaced with 10 gts. zow50XC. Replaced oil filter and safety wire. Inspected oil filter for metal. Engine test run with no leaks noted. Terry Bass - owner. #3834182. 
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09-20-2018 Tach 46.5 SMOH 46.5  
 Lubed controls Compressions  
 #1 79/80, #2 78/80, #3 79/80, #4 79/80, #5 79/80, #6 79/80  
 Cleaned and Gapped Plugs. I certify this engine has been inspected IAW a 100 hr. Inspection per FAR 43 app.D and is approved for return to service.

  
 Philip Schmidt  
 A&P4426092561A


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19-May-19	67.7	67.7	67.7	Drained oil and replaced with 10 qts. 20W50XC. Replaced oil filter and safety wire. Inspected oil filter for metal. Engine test run with no leaks noted. Terry Bass - #3834182 <i>Terry Bass</i>
				11-1-2019 N3116W Tach 72.1 SMOH 72.1 Lubed controls. Compressions #1 78/80, #2 78/80, #3 77/80, #4 76/80, #5 78/80, #6 77/80. Cleaned and gapped plugs. I Certify this engine has been inspected IAW a 100 hr. Inspection And is approved for return to service. <i>Philip Schmidt</i> Philip Schmidt A&P 442609256
14-Dec-19	75	75	75	Drained oil and replaced with 10 qts. 20W50XC. Replaced oil filter and safety wire. Inspected oil filter for metal. Engine test run with no leaks noted. Terry Bass - #3834182 <i>Terry Bass</i>
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26-Sept-20	90.6	90.6	90.6	Drained oil and replaced with 10 qts. 20W50XC. Replaced oil filter and safety wire. Inspected oil filter for metal. Engine test run with no leaks noted. Terry Bass - #3834182 <i>Terry Bass</i>
<p>N3116W                      01/16/2021                      Tach- 92.0                      SMOH- 92.0</p> <p>I certify this ENGINE has been inspected in accordance with a 100 hour inspection and found to be in an AIRWORTHY condition. Inspected IAW the scope and detail of Part 43 Appendix D, with reference from the manufacturer service manual. Compressions: 1-69/80, 2- 72/80, 3-75/80, 4-75/80, 5-76/80, 6-73/80. Cleaned, gapped, tested and reinstalled spark plugs. Cleaned, checked and reinstalled injector nozzles. Cut filter on recently changed filter, nothing significant found at this time Installed new Donaldson P/N-P105304 air filter, next due replacement in 3 years, 5 cleanings or 500 hours whichever occurs first. Test ran aircraft, no leaks or defects noted at this time.</p> <p>Kyle W. Stoup                      AP3252238                      <i>Kyle W. Stoup</i></p>				
15-May-21	114.0	114.0	114.00	Drained oil and replaced with 10 qts. 20W50XC plus 16 oz. Camguard. Replaced oil filter and safety wire. Inspected oil filter for metal and none found. Engine test run with no leaks noted. Terry Bass - #3834182 <i>Terry Bass</i>


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17-June-21	135	135	135	Drained oil and replaced with 10 qts. 20W50XC plus 16 OZ. Camguard. Replaced oil filter and safety wire. Inspected oil filter for metal and found none. Engine test run with no leaks noted. Terry Bass #3834182 <i>Terry Bass</i>
3-Oct-21	161	161	161	Drained oil and replaced with 10 qts. 20W50XC plus 16 OZ. Camguard. Replaced oil filter and safety wire. Inspected oil filter for metal and found none. Engine test run with no leaks noted. Terry Bass #3834182 <i>Terry Bass</i>
N3116W      02/17/2021 <sup>KS</sup> <del>2020</del> Tach- 183.9      SMOH- 183.9				I certify this ENGINE has been inspected in accordance with a 100 hour inspection and found to be in an AIRWORTHY condition. Inspected iAW the scope and detail of Part 43 Appendix D, with reference from the manufacturer service manual. Compressions: 1-67/80, 2- 65/80, 3-68/80, 4-65/80, 5-71/80, 6-66/80. Cleaned, gapped, tested and reinstalled spark plugs. Cleaned, checked and reinstalled injector nozzles. Cleaned fuel screens and air filter. Inspected muffler for cracks, none found at this time. Test ran aircraft, no leaks or defects noted at this time.  Kyle W. Stoup      AP3252238 <i>Kyle Stoup</i>
				<b>SUB-TOTALS</b> this page
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8-April-22	212	212	212	Drained oil and replaced with 9 qts. 20W50XC plus 16 oz. Camguard. Replaced oil filter and safety wire. Inspected oil filter for metal and found none. Engine test run with no leaks noted. Terry Bass #3834182 <i>Terry Bass</i>
27 Jun 22	238	238	238	Drained oil and replaced with 10 qts. 20W50XC. Replaced oil filter and safety wire. Inspected oil filter for metal and found none. Engine test run with no leaks noted. Terry Bass #3834182 <i>Terry Bass</i>



Reliable Aircraft Maintenance LLC  
(405) 306-3494

Registration:	N3116W	Model:	A-36	Date:	9-28-2022
S/N:	E-499	TTAF:	(84)	Hobbs/Tach:	5100.2/269.9

- Installed new, customer supplied fuel pump. Ran system and found <sup>no</sup> leaks and is found to be operating normally at this time. (Pump is from CJ Aviation Products, LLC, WO: 304841 PN: 4140-00-39NVCJ, SN:946-947)  
In regard to the work performed, this aircraft is approved for Return to Service.

Will Garrison *W. Garrison* A&P 3133462


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28DEC22	289	289	289	Drained oil and replaced with 8qt. 20W50 xc plus 160Z Camguard. Replaced oil filter and safety wire. Inspected oil filter for metal and found none. Engine test run with no leaks noted. Terry Bass # 3834182 <i>[Signature]</i>

N3116W      03/13/2023      Tach- 278.2      SMOH- 278.2

I certify this ENGINE has been inspected and found to be in an AIRWORTHY condition. Inspected IAW the scope and detail of Part 43 Appendix D, with reference from the manufacturer service manual. Compressions: 1-63/80, 2- 54/80, 3-71/80, 4-69/80, 5-69/80, 6-68/80. Cleaned, gapped, tested and reinstalled spark plugs. Cleaned, checked and reinstalled injector nozzles. Cleaned fuel screens and air filter. Inspected muffler for cracks, none found at this time. Test ran aircraft, no leaks or defects noted at this time.

Kyle W. Stoup

AP3252238

*[Signature]*

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