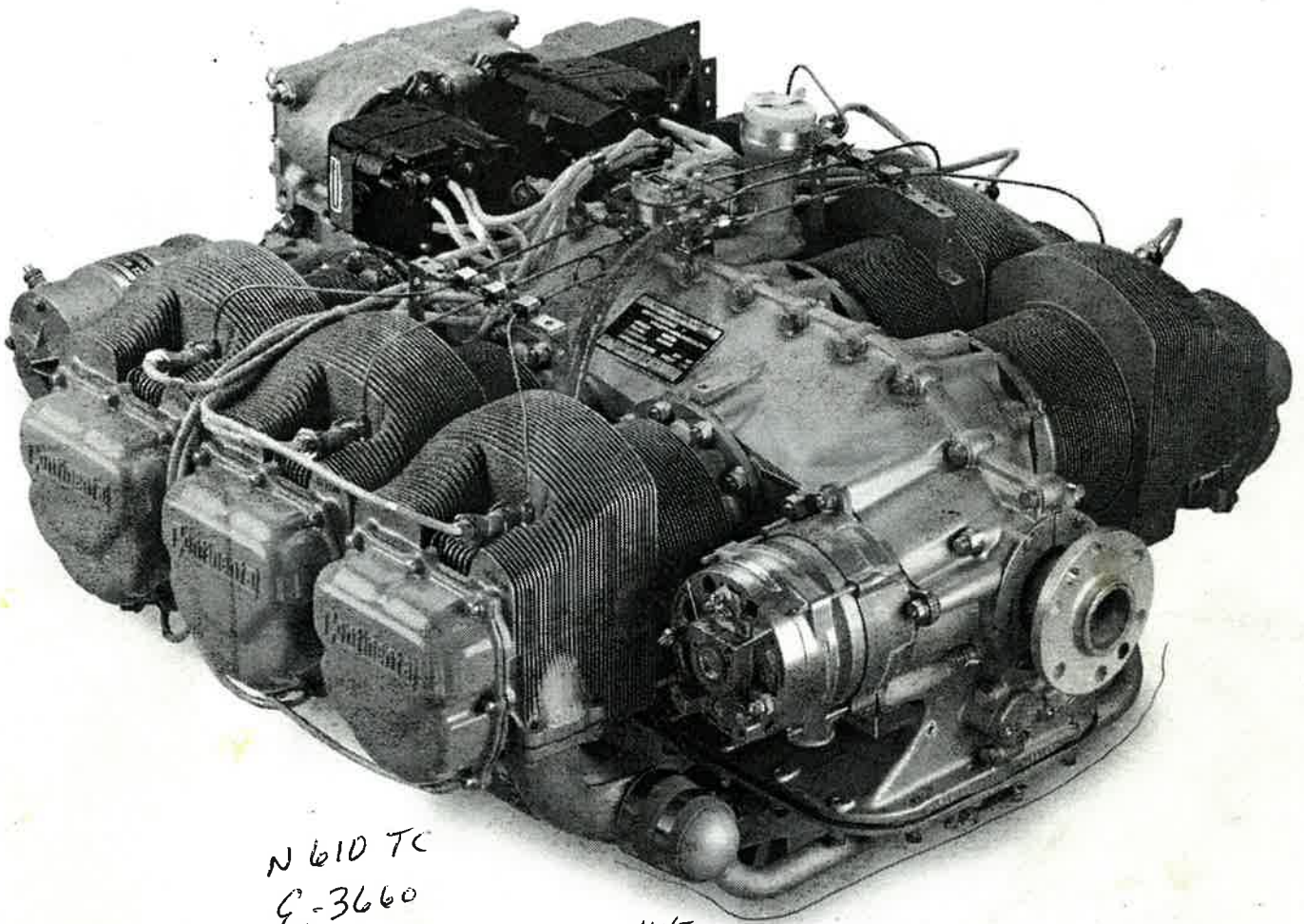


E-3660

ENGINE LOG BOOK



N 610 TC
E-3660

516 5 1645

575 885-1645
7AY

DAR



Teledyne Continental Motors, Inc.

Engine Returns

All returned engines are to be shipped with this log book
Directly to:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

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



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 08/02/2005

This engine model **I0550B39**, Serial No. **687094** was manufactured on **08/01/2005**
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.

A handwritten signature in dark ink, appearing to be "Frank Cole", is written over a horizontal line.

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

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

IO 550 B 39B

Engine Serial Number

687094

Testing Completed

Standard Acceptance Test:

Date of Completion 8-01-05 Test Operator



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Form No 98344

CONNROD	AE05DA410	CYLINDER - 3	AC05FC208
CONNROD	AE05DA346	CYLINDER - 4	AC05FC233
CONNROD	AE05DA430	CYLINDER - 5	AC05FC225
CONNROD	AE05DA426	CYLINDER - 6	AC05FC199
CONNROD	AE05DA422	PSTN WGT	WN
L MAGNETO	05050496		
R MAGNETO	05050497		
FUEL PUMP	B05GA037		
MANIFOLD VALVE	C05GA036		
NOZZLE SIZE	13C, 12H, 12E		
METERING UNIT	A05GA033		
STARTER	05 24 0219		

Pack Inspection Stamp



All of the information provided herein is subject to verification by the user. Teledyne Continental Motors, Inc. makes no representation or warranty concerning the accuracy, completeness of the information and assumes no responsibility with respect thereto.

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.	
10/24/05	0	0	0	0	This engine has been installed on aircraft serial number E-3660 and has been fully charged with Phillips 66 Type M SAE 20W-50. <i>Max Workman</i> Max Workman FOR RAYTHEON AIRCRAFT CO. PC#8
11/29/2006	27	42	27	42	Replaced engine oil and filter with 11 qts. Aeroshell 100 15W-50. Mailed oil sample to Aviation Oil Analysis. <i>DRAB</i> 2702094 11/27 CFI-11
2/23/2006	49	36	49	36	Replaced engine oil and Filter with 11 qts. Aeroshell 100 15W-50 I/A/W 636 Mx. Manual. Mailed oil sample to Aviation Oil Analysis. <i>DRAB</i> 2702094 Con CFI-11

CUTTER AVIATION, INC. REG # N610TC
ALBUQUERQUE S/N E-3660
A Repair Station GMZR383E HM 0107.7
505 842-4184 TACH N/A

DATE 5/23/06
W/O M-512
AFTT 0107.7

Drained engine oil, installed new oil filter P/N CH48109 and serviced with 11 qts. Of A/S 15w50. Cut open oil filter, no discrepancies noted. Took oil sample and sent for analysis to AOA. Ground ran, ops and leak check satisfactory.

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.
Arturo Torres SIGNATURE: *Arturo Torres* Page 1 of 1

8/15/2006	43	00	25	0	Replaced engine oil and filter with 10 qts. Aeroshell 100 15W-50 I/A/W 636 Mx. Manual Mailed oil sample to Aviation oil Analysis. <i>DRAB</i> 2702094
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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 →					

TORNADO ALLEY TURBO INC.
300 AIRPORT RD
ADA, OK 74820

ENGINE LOG BOOK ENTRY

27 JUNE 2006

N610TC BONANZA G36 SN: E-3660 ACFT TT: 115.3 ACFT HOBBS: 115.3
TCM IO-550-B SN: 687094 ENG TSN: 115.3

INSTALLATION OF "WHIRLWIND SYSTEM II" TURBO NORMALIZING SYSTEM COVERED UNDER **STC SA5223NM** AND **STC SE5222NM**, IAW INSTALLATION INSTRUCTIONS ETI-B-01 REV. H DATED 03/04/05 AND MASTER DRAWING LIST TAT-B-MDL REV. K DATED 08-20-04. SEE FLIGHT MANUAL FOR FLIGHT MANUAL SUPPLEMENT FOR THE TURBO SYSTEM OPERATION AND CONTINUED AIRWORTHINESS. MODIFIED EXISTING STARTER DRIVE ADAPTER TO INCLUDE SCAVENGE PUMP GEAR PART NUMBER 640746 AND SHAFT. PART NUMBER OF ADAPTER IS CHANGED TO 642087A63. SEE 8130-10 FOR DETAILS. INSTALLED **TURBONORMALIZED FUEL CONTROLLER** PART NUMBER FT-B8.5/1-442 SERIAL NUMBER A00HA223. INSTALLED **TURBONORMALIZED ENGINE DRIVEN FUEL PUMP** PART NUMBER FT-B8.5/632818-2-11 SERIAL NUMBER 253. FOUND CYLINDER #4 WITH BAD EXHAUST VALVE. REPLACED ALL CYLINDERS WITH NEW SUPERIOR MILLENIUM POWER ASSEMBLYS. SERIAL NUMBER PER LOCATION IS #1 PMA-55-K05-345, #2 PMA 55-L05-391, #3 PMA 55-L05-354, #4 PMA-55-L05-390, #5 PMA-55-L05-377, #6 PMA-55-L05-376. REMOVED EXISTING SLICK MAGNETOS AND INSTALLED **BENDIX MAGNETOS** PART NUMBER RIGHT 10-349350-5 SERIAL NUMBER F05GA571, AND LEFT PART NUMBER 10-349350-4 SERIAL NUMBER F06BA101. INSTALLED NEW CHAMPION IGNITION HARNESS PART NUMBER CH11740. INSTALLATION OF GENERAL AVIATION MODIFICATION INC. turboGAMIjectors KIT NO GT16B, S/N 15148 UNDER **STC SE09289SC** AND IAW GAMI INSTALLATION PROCEDURE NO. IP-97-002. DRAINED OIL AND REMOVED OIL FILTER. RETAINED SAMPLE FOR ANALYSE. INSPECTED OIL FILTER. SERVICED ENGINE WITH 12 QUARTS OF **AEROSHELL 100 STRAIGHT MINERAL OIL** AND INSTALLED CHAMPION CH48109-1 OIL FILTER. SET TIMING TO 22 DEGREES BTC. INSTALLED ALL NEW CHAMPION RHB32E SPARK PLUGS. RUN-UP, OP's, AND LEAK CHECK OK.

DAVID R. LANDRETH A&P 2651512 IA

CUTTER AVIATION, INC.
ALBUQUERQUE

A Repair Station GMZR383E
505 842-4184

REG # N610TC
S/N E-3660
HM 174.7
TACH N/A

DATE 10/17/06
W/O 01M-538
AFTT 174.7

1. Installed E-Z Heat Inc. aircraft engine heater model number 540, PN 07-05345. STC not required or weight and balance update per US Department of Transportation / FAA dated August 21, 1985. Operational checked good.

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Jose R Ramos

SIGNATURE:

Page 1 of 1

CUTTER AVIATION, INC.
ALBUQUERQUE

A Repair Station GMZR383E
505 842-4184

REG # N610TC
S/N E-3660
HM 202.4
TACH N/A

ETT 202.4 DATE 12/16/06
TSO NA W/O 01M-998
AFTT 202.4

Engine SN 687094

- Completed Annual inspection using Raytheon Bonanza A36 inspection checklist as a guide, PN 36-590001-9.
- Completed oil and filter change. Serviced with 11 qts of Aeroshell 15W50. Oil sample collected and old oil filter inspection check good.
- Compression checked good per TCM SB03-3.
- Engine to magneto timing checked.
- Sparkplugs cleaned, inspected, gapped and tested.
- Adjusted maximum propeller RPM for 2700 RPM maximum.
- Adjusted maximum manifold pressure for 29.6 MP.
- Retorqued oil cooler vernathern and installed new gasket oil temperature probe. Leak and ops checked good.
- C/W SB 643 Teledyne Ignition. Inspection of magnetos 100 hr. Inspection per SB 643 para #1 & #2 completed.
- CK'd AD 2004-08-10 Teledyne. Cracks in cylinder heads. AMDT 39-13579. N/A by SN's of cylinders installed.
- CK'd AD 2005-12-06 Teledyne. Magnetos, Inspection of impulse couplings. AMDT 39-1422. N/A to Teledyne engine.
- Operational and leak checked.

This engine and/or component is certified to be airworthy for return to service with respect to the work performed.

Jose R Ramos

SIGNATURE:

Page 1 of 1

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 →					

4-10-07

238 12

Replaced Engine oil and Filter with 9 qts
Aeroshell 100 15W-50. Mailed oil sample to
Aviation Oil Analysis.

2702094 127 CFI-1

11 October 2007 Hobbs/Total:298.0
N610TC TCM IO-550-B S/N: 687094

Bode Aviation
Albuquerque, NM

Annual inspection completed this date in accordance with FAR 43 appendix D and Bonanza Series Maintenance Manual. Performed compression check: 1-75, 2-75, 3-74, 4-74, 5-74, 6-73. Drained oil, took sample, replaced filter, and serviced with Aeroshell 15w-50. Checked magneto timing. Cleaned, gapped, and rotated spark plugs. Cleaned all fuel screens. Installed anti-chafe spiral wrap on #6 bottom spark plug wire. Removed #4 and #2 fuel injectors, cleaned, replaced packings and seals, and reinstalled. Tie wrapped starter cable away from air conditioner bracket. Inspected wiring and plumbing. Ground run for leak and operational check good. AD 2007-04-29 R1 - N/A, by cylinder serial numbers. I certify this engine has been inspected IAW an Annual inspection and has been found airworthy for return to service.

Dave Modisette

CRS J7BR555Y WO 3584

CUTTER AVIATION, INC.
ALBUQUERQUE

FAA Repair Station GMZR383E
505 842-4184

REG # N610TC
S/N E3660
HM 370.3
TACH N/A

ETT 370.3 DATE 08/12/08
W/O 01M-2372
AFTT N/A

1. Installed overhauled engine starter adapter PN 642087A69, SN C362408. Operational and leak checked good.

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Jose R Ramos

SIGNATURE:

Page 1 of 1

CUTTER
Leading the Business of Aviation

2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model G36
Serial No. E3660
Registration N610TC
Engine Model IO550B
Engine Serial 687094

Engine Log

Work Order No. 02M-4045
Hour Meter 374.5
Aircraft Total Time 374.5
Engine TSN 374.5
Engine CSN 374.5

Replaced all engine spark plugs with new, p/n RHB32E;
Cleaned fuel injector nozzle's;

Signed:

Kenneth Walcott

Date: 8/28/08








23 October 2008 Hobbs/Total: 391.5
N610TC TCM IO-550-B S/N 687094




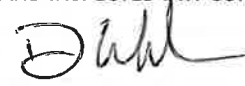



BODE
AVIATION

Annual inspection completed this date in accordance with Aircraft maintenance Manual and 14 CFR 43 Appendix D. Copression test results: 1- 75, 2- 74, 3- 74, 4- 73, 5- 75, 6- 74. Drained oil, took oil sample, replaced oil filter with new, and replenished oil with 2 cans avblend oil additive and 11qts Aeroshell W100 plus. Checked magneto to engine timing. Inspected, gapped, and reinstalled all spark plugs. I certify that this engine has been inspected in accordance with an annual inspection and has been found to be airworthy with respect to the above work performed.

Stuart Miles

CRS J7BR555Y WO 4511

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 →					
7 January 2009 Hobbs/Total: 438.0 N610TC TCM IO-550-B S/N 687094 <div style="text-align: right;"></div>					
Drained the oil, changed the oil filter, and serviced the engine with 11qts of Aeroshell 100+ and 1 12 oz. can of AvBlend. Installed a new magneto to engine gasket at the left magneto. Retimed the mag to 22 deg. BTDC. Visually inspected the engine for leaks, no leaks noted. Performed a ground run-up for leak and operational checks, both checks good. I certify that this engine is OK for return to service with regard to the above work performed.					
Chris Torres  CRS J7BR555Y WO 4676					
<div style="display: flex; justify-content: space-between;"> <div>6/16/2009</div> <div>HOBBS/TOTAL 444.3</div> <div>REPLACED TOP SPARK PLUG IN #4 CYLINDER WITH CHAMPION RHB325. SERVICED LEFT MAIN STRUT WITH DRY NITROGEN. TEST RAN ENGINE MAG CHECK GOOD. END PART</div> </div>					
<div style="display: flex; justify-content: space-between;"> <div></div> <div></div> <div>JOHN KYLE PRISTAWL  AIP 3292698</div> </div>					
<div style="border: 1px solid black; padding: 5px;"> 22 October 2009 Hobbs/Total: 486.8 N610TC TCM IO-550-B S/N 687094 <div style="text-align: right;"></div> </div>					
Annual inspection completed this date in accordance with Aircraft maintenance Manual and 14 CFR 43 Appendix D. Copression test results: 1- 70, 2- 75, 3- 75, 4- 76, 5- 75, 6- 72. Drained oil, replaced oil filter with new, and serviced with 11qts Aeroshell W100. Checked magneto to engine timing. Inspected, gapped, and reinstalled all spark plugs. C/W exhaust system leak check. Checked and cleaned all fuel screens, C/W AD AD2009-16-03 SAP Cylinder check and all cylinders have P/N SAC52001 N/A. I certify that this engine has been inspected in accordance with an annual inspection and has been found to be airworthy with respect to the above work performed.					
Gilbert B. Aragon  CRS J7BR555Y WO 5295.					
<div style="border: 1px solid black; padding: 5px;"> <div style="display: flex; justify-content: space-between;"> <div> Bode Aviation 2505 Clark Carr Loop SE, Albuquerque, NM 87106 N#: N610TC Model: TCM IO-550-B S/N: 687094 </div> <div> Engine FAA CRS J7BR555Y Date: 12/9/10 Hobbs/Total: 534.5 </div> <div>  </div> </div> </div>					
Completed Annual inspection IAW 14 CFR 43 Appendix D. Drained oil, replaced filter, and serviced with 11qts Aeroshell 100. Compression check: 1-70, 2-75, 3-73, 4-67, 5-76, 6-65. Cleaned all fuel screens. Checked magneto to engine timing. Cleaned, gapped, tested, and rotated spark plugs. Leak checked exhaust system. Cleaned all fuel screens. Ground run for leak and operational check good. I certify that this engine is airworthy for return to service with respect to the above work performed.					
Dave Modisette  WO# ABQ1488					

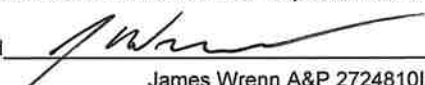

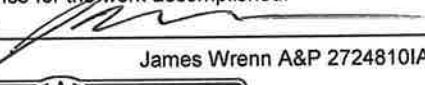

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
West Texas Aero 7000 Andrews Hwy Odessa Texas 79762 432-552-7691 N610TC 2/10/12 Beechcraft G36 S/N E-3660 AFTT: 562 <div style="text-align: right;"></div>					
Engine Log Compression 76/80 74/80 74/8076/80 72/80 72/80 Washed engine and complied with 500hr inspection on magnetos, oil and filter serviced to proper level with Aeroshell100w.					
Complied with annual inspection at this time and found engine to be airworthy at this time. All AD's and logs complied with at this time.					
DGladstoneAP467877821A 					
West Texas Aero 7000 Andrews Hwy Odessa Texas 79762 432-552-7691 N610TC 2/10/12 Beechcraft G36 S/N E-3660 AFTT: 562					
Complied with annual inspection at this time and found propeller to be airworthy at this time. All AD's and logs complied with at this time.					
DGladstoneAP467877821A 					
West Texas Aero 7000 Andrews Hwy Odessa Tx 79765 03/05/13 N610TC Beech G36 E-3660 AFTT: 571.1					
Washed engine and performed compression check 72/80 71/80 66/80 73/80 76/80 68/80.					
Removed and replaced oil and filter with new and serviced with Aeroshell100w to proper level.					
Cleaned gapped and rotated spark plugs and test good at this time. Checked all controls and test run up check good. I certify that this engine has been inspected IAW an annual inspection and found to be airworthy at this time. Approved for return to service for work performed, All AD's c/w up to this date and work on file with Wes Texas Aero. DGladstone AP467877821A					
WEST TEXAS AERO 7000 ANDREWS HWY ODESSA TX 79765 MAY 05, 2014 N610TC RAYTHEON G36 S/N: E-3660 HOBBS: 588.9 CONTINENTAL IO550B39 S/N: 687094 ENG TT: 588.9 ENGINE I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. AD RESEARCH COMPLETED THROUGH BIWEEKLY 2014-08. COMPRESSIONS: #1 76/80 #2 73/80 #3 76/80 #4 76/80 #5 74/80 #6 72/80. SERVICED ENGINE WITH 12 QTS AEROSHELL W100 AND CHAMPION CH48109-1 FILTER. C/W AD 14-05-29 SUPERIOR AIR PARTS CYLINDER ASSEMBLIES. REMOVED AND REPLACED ONE SPARK PLUG WITH NEW RHB32E (TOP 6). THIS ENGINE WAS REPAIRED AND INSPECTED IAW CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. DAN WEBRE JR AP3501544IA 					
<div style="display: flex; justify-content: space-between;"> <div>  </div> <div> Aircraft Maintenance Services Camden, SC 29020 Phone: (803) 713-0200 Fax: (803) 713-0017 Web: amscamden.com Email: frank@amscamden.com </div> <div>  </div> </div>					
Date 15 October 2014 Meter: 620.2 Changed oil and filter, cut open filter for inspection, serviced engine with Aeroshell 15W/50W, engine ground run and leak checked.					
 Frank O. Schumpert A&P35656231A					





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 →					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> Aircraft Maintenance Services Camden, SC 29020 Phone: (803) 713-0200 Fax: (803) 713-0017 Web: amscamden.com Email: frank@amscamden.com </div> </div> <p>Date 22 January 2015 Meter: 644.7 Changed oil and filter, cut open filter for inspection, serviced engine with Aeroshell 15W/50W oil, engine ground run and leak checked. Removed plugs, cleaned and gapped. <i>Frank O. Schumpert</i> Frank O. Schumpert A&P3565623IA</p>					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> Aircraft Maintenance Services, Inc. 1400 Jim Hamilton Blvd, Bldg E Columbia, SC 29205 www.amscolumbia.com </div> </div> <p>N610TC Bonanza G-36 SN: E3660 Meter: 646.7 2/11/2015</p> <ol style="list-style-type: none"> Removed spark plugs. Installed and torqued 12 new Champion RHB-32E spark plugs. Magneto engine timing reset to 22°. Engine ground run to verify function. <p>Frank O. Schumpert A&P3565623IA <i>Frank O. Schumpert</i></p>					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> Aircraft Maintenance Services Camden, SC 29020 Phone: (803) 713-0200 Fax: (803) 713-0017 Web: amscamden.com Email: frank@amscamden.com </div> </div> <p>Date 8 May 2015 Meter: 661 100 hour inspection performed as per Beechcraft maintenance manual inspection check list.</p> <ol style="list-style-type: none"> Diff Comp #1 78/80 #2 74/80 #3 76/80 #4 76/80 #5 72/80 #6 68/80 Changed oil and filter, took oil sample, cut oil filter open for inspection, serviced engine with Aeroshell 15W/50W. Installed new intake filter, due replacement in 500 hours. Installed all new rocker cover gaskets due to oil leaks. Fuel injectors removed, cleaned and installed using new seals. Performed routine maintenance as per Beechcraft 100 hour inspection check list, engine ground run and leak checked. <p>I certify that this engine was inspected IAW an 100 hour inspection And is approved for return to service this date, 8 May 2015. <i>Frank O. Schumpert</i> Frank O. Schumpert A&P3565623IA</p>					




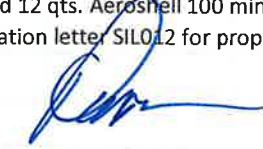
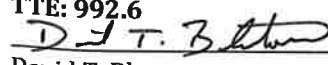
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> Aircraft Maintenance Services, Inc. 1400 Jim Hamilton Blvd, Bldg E Columbia, SC 29205 www.amscolumbia.com </div> </div> <p>N610TC Bonanza G-36 SN: E-3660 Meter: 689.1 10-20-2015</p> <ol style="list-style-type: none"> Drained engine oil and removed oil filter. Cut open filter and inspected. Serviced engine with 9 Qts of Aeroshell 15W-50 oil and installed an AA48109-2 oil filter. Installed new valve cover gasket on cylinder #3 <p>Frank O. Schumpert A&P3565623IA <i>Frank O. Schumpert</i></p>					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> Aircraft Maintenance Services Columbia, SC 29205 Phone: (803) 708-7191 www.amscolumbia.com Email: frank@amscolumbia.com </div> </div> <p>Date 28 December 2015 Meter: 705.2</p> <ol style="list-style-type: none"> Installed overhauled starter drive due to oil leaking from rear bearing /N#642087A69, S/N#2165 Changed oil and filter, cut open filter for inspection, service engine with Philips 20W/50W oil. <p><i>Frank O. Schumpert</i> Frank O. Schumpert A&P3565623IA</p>					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> Aircraft Maintenance Services, Inc. 1400 Jim Hamilton Blvd, Bldg E Columbia, SC 29205 www.amscolumbia.com </div> </div> <p>N610TC Bonanza G-36 SN: E-3660 Meter: 690 706.1 1/22/2016</p> <ol style="list-style-type: none"> Removed starter drive adapter and sent back to Aircraft Accessories of Oklahoma to convert to 642087A69 (SN: 2165). Installed with new gasket. Test flown to verify function and leak check. Installed new Scat tube on heater duct. <p>Ryan J. Turiak A&P Certificate number pending <i>Ryan J. Turiak</i></p>					

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					
N610TC Bonanza G-36 SN: E-3660 Meter: 705.2 12-28-2015					
1. Removed magnetos for 500 hour inspection. Disassembled and inspected in accordance with Bendix OH manual. Installed new breaker points and capacitors in both magnetos and reassembled. Timed engine and reinstalled magnetos. Ground run checked good.					
2. Removed turbocharger due to leaking oil seal. Installed OH turbocharger (PN:632729-13, SN:KGL00179). Turbo installed with new gaskets. Ground run to leak check, leak checked good.					
3. Removed starter drive adapter due to oil leak. Installed OH starter drive adapter (PN:642087A69, SN:2165). Installed with new gasket. Ground run to verify function and leak check.					
Frank O. Schumpert A&P3565623IA					
Baker Aviation 333 South Street, New Smyrna, FL 386-837-4073					
IFR Cert June 2018 ELT Battery Date Nov 2018 Engine Type IO-550-B Serial Number 687094 TTSMOH: 717.8 TTIS: 717.8 Propeller Type PHC-C3YF-1RF Serial Number EE5292B TTSMOH: 717.8 TTIS: 717.8					
Performed Annual Inspection in accordance with FAR 43 appendix D and the Bonanza 33, 35, & 36 Annual Long Form Inspection Guide, reissued March 1985.					
Performed Compression check, numbers listed below. Compression check performed using TCM master orifice. Failing indication is 42/80 or below.					
(1) 64/80 (2) 70/80 (3) 72/80 (4) 75/80 (5) 72/80 (6) 70/80					
Drained engine oil and serviced with 11 quarts Phillips 20W50 and new Tempest AA48109-1 oil filter. Cut oil filter to check for contaminants, none noted.					
Removed, cleaned, and re-installed fuel injector nozzles.					
Removed, cleaned, and re-installed spark plugs.					
Check fuel screen for contaminants. None noted.					
Checked magneto timing.					
Lubed all engine controls.					
Run-up, mag check, prop check, fuel pressure & flow check, idle & mixture check satisfactory.					
All AD's checked through this date.					
I certify this ENGINE has been inspected in accordance with an Annual inspection and is found to be in an airworthy condition.					
I certify the above work was performed in reference to Manufacturer's specifications and applicable FAR's. I approve this aircraft for return to service.					
James Curtis Boulware A&P 3232817 IA					
END					

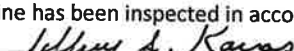
Date	ENGINE MODEL IO-550-B 39B ENGINE S/N 687094 REG NO N610TC WORK ORDER 52734	Capital Aviation Instruments & Avionics Repair Station No OY1R391K 10660 Aviation Lane Manassas VA 20110 Phone 703-369-0500	DATE 11/11/2016 A/C TSN 758 2 ENG TT 758 2 TSMOH HOBBS 758 2
Brought Forward			
Engine Entries			
Performed 100 hr engine inspection IAW Beechcraft Bonanza AMM inspection checklist. Compressions: 1) 75/80 2) 66/80 3) 65/80 4) 67/80 5) 72/80 6) 64/80. Drained sump & removed filter, opened filter & inspected - no defects noted. Installed new AA48109 filter & serviced with 11 quarts Phillips 20W-50 X/C oil. Serviced and reinstalled spark plugs. Ground run, leak & ops checks were good. Researched AD's thru biweekly issue 2016-22.			
Removed exhaust v-band clamp P/N 11-1100035, installed new exhaust V-Band Clamp P/N 11-1100035 (Tornado Alley STC 400 hr airworthiness requirement) IAW TAT MSB 98-1. Exhaust gaskets P/N 642502 replaced IAW Beech G36 MM and TCM SB96-7C.			
Borescoped cylinders & exhaust valves, no anomalies noted.			
I certify this aircraft / engine / propeller has been inspected in accordance with an annual inspection and determined to be in airworthy condition			
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.			
DATE: 11/11/2016		SIGNED: Woodrow L. Mowry	Work Order: 52734
		Woodrow L. Mowry Certified Repair Station No OY1R391K	Printed by EBis 3 (datcomedia.com)
ENGINE MODEL IO-550-B 39B ENGINE S/N 687094 REG NO N610TC WORK ORDER 52786			
Capital Aviation Instruments & Avionics Repair Station No OY1R391K 10660 Aviation Lane Manassas VA 20110 Phone 703-369-0500			
DATE 11/21/2016 A/C TSN 759 2 ENG TT 759 2 TSMOH HOBBS 759 2			
Engine Entries			
Re-torqued exhaust V-band clamp IAW MSB TAT 98-1.			
Next V-band clamp replacement is due at 1158.2 ACTT.			
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.			
DATE: 11/21/2016		SIGNED: Woodrow L. Mowry	Work Order: 52786
		Woodrow L. Mowry Certified Repair Station No OY1R391K	Printed by EBis 3 (datcomedia.com)
9/10/2017 N610TC Beech G36 Engine Logbook			
Hobbs Hours: 819.9 :: Aircraft TT: 819.9			
Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 12 quarts of Phillips X/C 20W50 Oil and CH48109 oil filter. Took oil sample and sent to Blackstone Labs.			
Washed engine, run up and checked for leaks.			
The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.			
Signed: James Wrenn A&P 2724810IA			
WRENN AVIATION			

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					
12/21/2017			N610TC		Beech G36 Engine Logbook
Hobbs Hours: 834.3					
100 Hour Engine Inspection completed this date in accordance with Manufacture's Maintenance Manual and 14CFR Part 43 Appendix D. Cleaned fuel strainer. Checked magneto timing and engine compression 1) 72 2) 70 3) 68 4) 68 5) 70 6) 68.					
Replaced engine air filter with new.					
Electric boost pump leaking at diaphragm. Removed pump and sent to Aeromotors LLC. for repair. CRS # 01MR357Y. Pump part number 4613-00-5. Serial number 1274. Reinstalled after overhaul. Operational check ok.					
Replaced TIT probe with new.					
Complied with the following AD's:					
93-05-06 Ignition Switch 100 Hour. Operational check OK.					
07-08-08 Uplock Roller 100 Hour. Lubricated roller.					
01-08-08 Exhaust Coupling V Band Clamp. Inspected clamp. New clamp installed 758.2 HM, 11/11/2016					
Next due replacement in 400 hours 1234.3 HM, per TAT MSB 98.1 Next inspection due in 400 hours per this AD.					
11-25-15 Starter adapter shaft failure. PCW by replacement of starter adapter 705.2 HM, 12/28/2015.					
Complied with Tornado Alley Turbo Instructions for Continued Airworthiness Manual # 35-6460001 Rev. A. 50hr. 100hr. inspections. Performed borescope inspection of crossover heat exchanger for cracking IAW 3 year schedule. No cracks found.					
Verify compliance with TAT Service Bulletins and Service Instructions:					
TAT SB 12-01. Change to five year inspection interval on Kevlar O2 bottles. Next hydrostat due: 05/2021.					
Mandatory replacement due 05/2021. 15 year service life still applies.					
TAT SA 11-09. Service advisory for Starter Adapter shafts. PCW by compliance with AD 11-25-15.					
TAT SI 11-08. Service Instruction for correct spark plugs. Correct plugs are installed.					
I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.					
Signed  James Wrenn A&P 2724810IA					
					
6/26/2018			N610TC		Beech A36 Engine Logbook
Hobbs Hours: 856.6 :: Tach Hours: 819.9					
Changed oil and filter with 12 qts 20W50 Phillips XC engine oil and one AA48109-2 oil filter. Took oil sample and sent to Blackstone Labs.					
Adjusted alternate air light switch.					
The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.					
Signed  James Wrenn A&P 2724810IA					
					

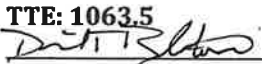
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
11/19/2018			N610TC		TCM TIO550 Engine Logbook
Hobbs Hours: 894					
Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 12 quarts of Phillips X/C 20W50 Oil and CH48109 oil filter. Washed engine, run up and checked for leaks.					
The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.					
Signed  James Wrenn A&P 2724810IA					
					
1/21/2019			N610TC		TCM TIO550 Engine Logbook
894 Hobbs					
100 hour Inspection completed this date in accordance with Beech Maintenance Manual and 14CFR Part 43 Appendix D. Lubricated cables, hinges and pulleys. Checked magneto timing and engine compression 1) 76 2) 76 3) 76 4) 76 5) 76 6) 76/80 PSI. Jacked aircraft and checked all landing gear operations. Greased wheel bearings and lubricated gear. Checked ELT operation in accordance with 14CFR Part 91.409 (a). Replaced E battery with new. Next due Nov. 2020. O2 bottle mandatory replacement due 05/2021.					
Left magneto leaking oil at gasket. Remove magneto and replace gasket with new. Set timing to 22 degrees BTDC.					
Prop control rod end seized up. Remove and lubricate, operational check ok.					
Secure EGT wire for #1 cylinder to prevent chafing on exhaust pipe.					
Torque engine mount bolts to 110 in/lbs where attached to nose gear tunnel.					
Remove and replace air conditioner belt with new.					
Remove battery box and clean underneath, service and charge airframe battery, capacity test 86%.					
Number 4 cylinder CHT is intermittent. Test probes by relocating to adjacent cylinder. #4 CHT probe bad. Replace with new. Operational check ok.					
TIT display is intermittent. TIT probe test ok. Remove display and clean connectors. Operational check ok.					
Complied with the following AD's:					
93-05-06 Ignition Switch 100 Hour. Operational check OK.					
07-08-08 Uplock Roller 100 Hour. Lubricated roller.					
01-08-08 Exhaust Coupling V Band Clamp. Inspected clamp. New clamp installed 758.2 HM, 11/11/2016 Next due replacement in 400 hours 1234.3 HM, per TAT MSB 98.1 Next inspection due in 400 hours per this AD.					
11-25-15 Starter adapter shaft failure. PCW by replacement of starter adapter 705.2 HM, 12/28/2015.					
17-16-01 AmeriKing ELT. Does not apply, not installed.					
18-03-04 CSE Pitot tube repair. Does not apply.					
I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.					
Signed  James Wrenn A&P 2724810IA					
					

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					
 N610TC Beechcraft G36 SN E3660 Engine Log-03/01/2020 Continental IO-550-B39B SN 687094 Engine time since new: 938.7 Hobbs Reads: 938.7					
<p>Inspected engine per scope and detail of Part 43 Appendix D utilizing Beechcraft Bonanza 36 checklist. Compressions: 1- 44/80, 2- 70/80, 3- 70/80, 4- 72/80, 5- 40/80, 6- 71/80. Reinstalled #1 and #5 cylinders after repair by Triad Aviation Inc. new piston rings fit by Triad installed with new gaskets and seals as needed, see 8130-3 WO# 25386 dated 07/Feb./2020, Removed oil filter, opened and inspected for debris, small amount of Ferris metal found. Performed camshaft and lifter inspection referencing Continental SID 05-1 and found minor spalling in lifter faces, camshaft shows no defects at this time, installed new 6 ea. P/N 658077 and 6 ea. P/N 658088 lifters with new seals and gaskets as needed, gapped and tested spark plugs, mag timing checks good, cleaned fuel screen at metering unit, completed Tornado Alley inspection check list items ref. ICA 35-6460001 rev. A, replaced wastegate oil fitting O-rings, induction crossover tube repaired, and chafe tubes added, Alternator removed for cylinder change completed drive coupling inspection ref. TCM SB11-3 slippage check within limits, reinstalled alternator ref. SB11-3, changed oil and filter with AA48109 filter and 12 qts. Phillips 20W50 X/C oil, Airworthiness Directives researched through ATP rev. 02/25/2020, work completed referencing IO-550-B Continental Aircraft Engine Permold Series Engine Maintenance and Overhaul Manual Publication M-16 change 2 dated July 2015, engine cleaned, and test run performed, no leaks or defects noted at this time.</p> <p>I certify that this Engine has been inspected in accordance with Annual inspection and was determined to be in airworthy condition.  Patrick Morse A&P 3426819 IA</p>					
 N610TC Beechcraft G36 SN E3660 Engine Log-03/06/2020 Continental IO-550-B39B SN 687094 Engine time since new: 939.1 Hobbs Reads: 939.1					
<p>Changed oil and filter with AA48109 filter and 12 qts. AeroShell 100 mineral oil, oil filter opened and inspected, no visible metal noted at this time. Reference Service information letter, SILO12 for proper oil type and break-in procedures.</p> <p>Patrick Morse A&P 3426819 IA </p>					
Inside & Out Aircraft Services, Inc. 256 Aviation Rd., NE, Pikeville, NC 27863 Ph. (919) 947-5207					
N610TC 09/17/2020 Raytheon/Beech G36 ENGINE TCM IO-550-B (39) S/N: 687094 Tach: 992.6 TTE: 992.6  David T. Blanton					
Drained engine oil and collected sample for oil analysis. Opened oil filter with no metal or excessive contaminants found. Serviced engine with 11 qts. Phillips X/C 20w50 engine oil adding 5% Camguard. Installed and safetied new Tempest Oil Filter (P/N: AA48109.) Performed post-maintenance engine run with no leaks observed from work performed. Engine returned to service.----END----					
A&P3669032, IA 09/17/2020 Certificate # Date					

Inside & Out Aircraft Services, Inc. 256 Aviation Rd., NE Pikeville, NC 27863 (919) 947-5207
March 19, 2021 N610TC Flight Timer and ACTT: 1043.2 2005 Raytheon G36 ACSN: E-3660
Engine Model: CMI IO-550-B Engine SN: 687094 Engine TT: 1043.2 Engine Log Entry

Annual Inspection:
Drained oil and removed oil filter, inspected, no metal contaminants found, installed new AA48109 Tempest oil filter and serviced engine with 11 Qts of Phillips X/C 20W50 oil and 1 pt. of CamGuard.
Performed compression check and borescope inspection, pressure of the day 43 psi with master orifice; #1-76, #2-70, #3-43, #4-62, #5-62, #6-70/80. Borescope showed light corrosion on cyls walls.
Installed (12) new URHB32E spark plugs.
Removed both mags, reset internal timing (E-gap), re-installed mags using new gaskets and timed to engine at 22 degrees BTDC.
Serviced fuel injectors.
Routine servicing, lubrication and AD's search accomplished at this time.
Performed ground run operational checks, all checks normal. No leaks noted at this time.
Work performed in reference to Raytheon G36 and CMI IO-550 Maintenance Manual.
March 19, 2021 N610TC ACTT: 1043.2 I certify this engine has been inspected in accordance with an annual/100 hr inspection and is approved for return to service.  AP 2730963 IA

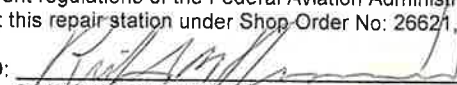
Inside & Out Aircraft Services, Inc.
256 Aviation Rd., NE, Pikeville, NC 27863 Ph. (919) 947-5207

N610TC
06/04/2021
Raytheon/Beech G36
ENGINE
TCM IO-550-B (39)
S/N: 687094
Tach: 1063.5
TTE: 1063.5

David T. Blanton


Drained engine oil and collected sample for oil analysis. Opened oil filter with no metal or excessive contaminants found. Serviced engine with 11 qts. Phillips X/C 20w50 engine oil adding 5% Camguard. Installed and safetied new Tempest Oil Filter (P/N: AA48109.) Performed post-maintenance engine run with no leaks observed from work performed. Engine returned to service.----END----

A&P3669032, IA
06/04/2021
Certificate #
Date

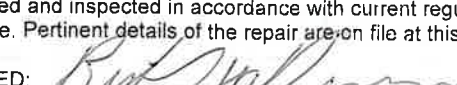
Date: 8/23/2021, Aircraft: N610TC, Type: G36, S/N: E3660 Hobbs: 1087.8
Continental IO-550-B(39), s/n: 687094
Removed engine from airframe to facilitate cylinder replacement. Removed old cylinders. Cleaned and inspected engine case for installation of new cylinders. Installed (6) new cylinders, p/n: SA55006-A20P, s/n's: 556000000539, 556000000540, 556000000541, 556000000542, 556000000544, and 556000000548 in accordance with CMI Manual M-0 and CMI IO-550 Permold Maintenance & Overhaul Manual. Reinstalled engine in accordance with Beechcraft G36 Maintenance Manual; engine mount bolts torqued to 29 ft.lbs. Inspected alternator drive coupling in accordance with CMI Manual M-0, Section 10-4.1.4; drive coupling checks good. Installed gauge and setup fuel pressures per CAT Manual-0, Chapter 6-4 R and Tornado Alley Turbo Instructions. Removed gauges and leak checked. Serviced engine with 12 qts of AeroShell 100 mineral oil. Ground operation and leak checks were performed and no leaks noted. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Shop Order No: 26621, Dated: 23-Aug-2021.

SIGNED: 
Inspector for FAA CRS PP4R448M
Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215
336-227-1467

Date: 8/23/2021, Aircraft: N610TC, Type: G36, S/N: E3660 Hobbs: 1087.8
Removed propeller for engine removal. Reinstalled propeller after cylinder replacements and engine reinstallation. Torqued prop nuts to 80 ft.lbs dry in accordance with Hartzell 115N Propeller Owners Manual. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Shop Order No: 26621, Dated: 23-Aug-2021.

SIGNED: 
Inspector for FAA CRS PP4R448M
Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215
336-227-1467

Date: 8/23/2021, Aircraft: N610TC, Type: G36, S/N: E3660 Hobbs: 1087.8
Serviced air conditioning system with R-134a. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Shop Order No: 26621, Dated: 23-Aug-2021.

SIGNED: 
Inspector for FAA CRS PP4R448M
Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215
336-227-1467

[illegible]

<p align="center">Gemco Aviation Services Inc. 10800 Sharrott Rd North Lima, OH 44452 330-549-0337</p>			
Reg#: N610TC	Make: Continental	Model: TCM IO 550 B39B	Engine S/N 687094
Date: 06/17/2022	Meter: 1184.1	ETT: 1184.1	P1 of 2

Inspected this engine using Beechcraft G 36 inspection form as a guide and lubricated per lube chart. ADs checked through ATP biweekly 2022-9.

Performed a compression test and the results are as follows: #1.76/80 #2.78/80 #3.77/80 #4.77/80 #5.77/80 #6.78/80. Continental master orifice reading was 70/80. Performed a bore scope inspection of all six cylinders per TCM standard practice manual with no defects noted. Removed, cleaned, inspected, tested, rotated and installed spark plugs. Drained oil and removed sample for testing. Removed oil filter, cut and inspected filter for contaminants, none noted. Installed new filter P/N CH48109-1 and serviced with 11 quarts Phillips 20W50 engine oil. Applied spiral wrap to #6 lower spark plug lead and repositioned Adel clamp to keep lead wire from fouling on cowl latch. Removed L/H magneto P/N 10-349350-4, S/N F06BA101 and R/H magneto P/N 10-349350-5, S/N F05GA571 and sent out for 500 inspections. Reinstalled the same inspected magnetos in their respective locations, see Columbia Air Services Inc yellow tag / W/O# 29434, dated 5/23/2022 using new gaskets and set magnet to engine timing. Repositioned top aft case through bolt, cleaned, inspected and reassembled with new "O" rings P/N MS29513-012 and torqued per TCM standard practice manual table of torques. Removed air conditioning accessory drive pulley, sleeve and seal. Installed new seal P/N 653171, sleeve P/N 657452, "O" ring P/N AN123862 and reinstalled pulley per IO-550 maintenance and O/H manual 16-3.1. Removed leaking fuel pump P/N FT-B8.5/632818-2-11, S/N 253 and leaking fuel controller P/N FT-B8.5/1-442, S/N A00HA223. Installed fuel pump P/N 35-6550001, S/N GP2157B and fuel controller P/N FT-B8.5/1-442, S/N A10EA143, see Greats Planes Fuel Metering Inc.


<p align="center">Gemco Aviation Services Inc. 10800 Sharrott Rd North Lima, OH 44452 330-549-0337</p>			
Reg#: N610TC	Make: Continental	Model: TCM IO 550 B39B	Engine S/N 687094
Date: 06/17/2022	Meter: 1184.1	ETT: 1184.1	P2 of 2

certificates of conformance (W/O# 13012, dated 6/9/2022 for the fuel pump and 5/16/2022 for fuel controller) Test run engine and leak checked with no defects noted. Preformed fuel system set up and operational check per TCM standard practice manual M-O and ICA 35-6460001 Rev. A. All work IAW IO-550 maintenance and O/H manual and ETI-B-01 Whirlwind 520/550 installation instructions Rev. L, dated 11/14/2007

Christopher T. Kotch
Christopher T. Kotch A&P173580771

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Robert L. Grant
Robert L. Grant A&P37193351A



Alpha One Flight Services
246 South Meadow RD
Plymouth, MA 02360

Date: 8/15/2022; Aircraft: N610TC; Type: BEECHCRAFT BONANZA; S/N: E3660; Hobbs: 1229.10; Tach: Serviced engine with 11 quarts of Phillips 20w-50 X/C and replaced filter with new AA48109-2. Adjusted idle mixture 1/8 turn rich. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an air worthy condition and returned to service.

Mitchell Buckley
Mitchell Buckley
A+P 28302441.A.

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.	

Date: 11/10/2022; Aircraft: N610TC; Hobbs: 1268.30; Tach;; Total Time;; Engine - Type: , S/N:, Time;; Prop - Type: , S/N:, Time:
WO# RA22811

- (1). Drained oil, serviced with 11 Qts.of Phillips X/C 20W50 oil
- (2).Changed oil filter installed AA48109 Tempest Filter
- (3). Cut filter no defects noted.
- (4). Ran engine no leaks noted.

I certify that the work performed above on this airframe/engine has been inspected and determined to be an airworthy condition for The Pennsylvania State Univeristy.

Authorized Signature: Chris Pyle CRSOU1R387K

Date: 3/27/2023; Aircraft: N610TC; Hobbs: 1317.70; Tach;; Total Time;; Engine - Type: , S/N:, Time;; Prop - Type: , S/N:, Time:
WO# RA22987

- (1). Drained oil, serviced with 11 Qts.of Phillips X/C 20W50 oil
- (2).Changed oil filter installed AA48109 Tempest Filter
- (3). Cut filter no defects noted.
- (4). Ran engine no leaks noted.

I certify that the work performed above on this airframe/engine has been inspected and determined to be an airworthy condition for The Pennsylvania State Univeristy.

Authorized Signature: Chris Pyle CRSOU1R387K



Alpha One Flight Services
246 South Meadow RD
Plymouth, MA 02360

Date: 8/01/2023; Aircraft: N610TC; Engine - Type: IO-550-B39B, S/N: 687094, Time: 1338.00, SMOH: 1338.00
Inspected engine as per an annual inspection IAW FAR43.13 appendix D in reference to Continental and Beech service manuals. ADs checked through 2023-17. Serviced engine with 12 quarts of 20W50 phillips oil and replaced the oil filter with new AA48109-2. Compressions as follows: 1) 72/80 2) 73/80 3) 71/80 4) 74/80 5) 74/80 6) 74/80. Inspected turbo per Tornado Alley inspection check list. Tornado Alley inspection makes AD 2023-09 V band clamp inspection not applicable. Replaced O ring on cylinder 2 valve cover oil line with new P/N MCM83248/1-014. Replaced crankshaft seal with new P/N 641250. Replaced all 6 rocker cover gaskets with new P/N RG-534857. Replaced rubber section of breather line hose with new. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an airworthy condition and returned to service.

Stephanie Mickiewicz
Stephanie Mickiewicz
A&P 4332728 I.A.



Alpha One Flight Services
246 South Meadow RD
Plymouth, MA 02360

Date: 8/14/2023; Aircraft: N610TC; Engine - Type: IO-550-B39B, S/N: 687094, Time: 1343.00, SMOH: 1343.00
Retensioned air conditioning belt after 5 hours of flight per MM to 68lbs. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an airworthy condition and returned to service.

Stephanie Mickiewicz
Stephanie Mickiewicz
A&P 4332728 I.A.

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 →

Date: 2/13/2024; Aircraft: N610TC; Hobbs: 1369.50; Tach;; Total Time;; Engine - Type: , S/N:, Time;; Prop - Type: , S/N:, Time:
WO# RA23411

- (1). Drained oil, serviced with 11 Qts.of Phillips X/C 20W50 oil Ref. G36 MM 12-10-00
- (2).Changed oil filter installed AA48109 Tempest Filter Ref. G36 MM 12-10-00
- (3). Cut filter no defects noted.
- (4). Ran engine no leaks noted.

I certify that the work performed above on this airframe/engine has been inspected and determined to be an airworthy condition for The Pennsylvania State Univeristy.

Authorized Signature: Chris Pyle CRSOU1R387K



Alpha One Flight Services
246 South Meadow RD
Plymouth, MA 02360

Date: 10/07/2024; Aircraft: N610TC; Engine - Type: IO-550-B39B, S/N: 687094, Time: 1389.10, SMOH: 1389.10
Inspected engine as per an annual inspection IAW FAR43.13 appendix D in reference to Continental and Beech service manuals. ADs checked through 2024-21. Serviced engine with 12 quarts of 20W50 phillips oil and replaced the oil filter with new AA48109-2. Compressions as follows: 1) 64/80 2) 63/80 3) 70/80 4) 70/80 5) 72/80 6) 72/80. Preformed a visual inspected of the V band clamp as per AD 23-09-09. Noted that the V band will need to be changed before 1584.1 HOB. AD 23-09-09 next due either 1489.1 or 10/25 whichever occurs first. Preformed Turbo Alley 3 year cabin heat exchanger pressure test; next due 10/2027. Reset both magnetos to original manufacture timing. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an airworthy condition and returned to service.

Travis Hyldburg
Travis Hyldburg
A&P 4139360 I.A.



Alpha One Flight Services
246 South Meadow Rd
Plymouth, MA 02360

Date: 6/20/2025; Aircraft: N610TC; Type: G36 Bonanza; S/N: E3660; Hobbs: 1433.50; Total Time: 1433.50; Engine - Type: IO-550-B39B, S/N: 687094, SMOH: 1433.50; Prop - Type: PHC-C3YF-1RF, S/N: EE5550B, SMOH: 249.40
Drained and changed oil, serviced with 11 qts. of Phillips 20W50 X-country and new AA48109-2 oil filter. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an airworthy condition and returned to service.

Edward H. Brown
Edward Brown
A&P 3534614 I.A.