

Raytheon Aircraft

Beech
Hawker

Model: G36 **A/C Serial Number:** E-3660 **Registration Number:** N610TC

EXTERIOR PAINT:

Desoto White F17865

Sherwin Williams Clarette A07976

Sherwin Williams Gold Metallic R06086

Sherwin Williams Regimental Blue CA8800/F15044

INTERIOR PAINT:

Pewter 070-270

KEY NO. 2R221

STC's

This aircraft has the following STC's incorporated into the production of this unit at build:

1. SA00902WI Replacement of original landing gear doors
2. SA00719LA Hartzell PHC-C3YF-1R/F8468A (B, K) -6R constant speed propeller
3. SA01033WI Replacement of original landing gear doors

AIRWORTHINESS CERTIFICATE

I have inspected this aircraft and issued a STANDARD Airworthiness Certificate Dated 12-09-2005. Time: 3.6 Landings: 5



Max Workman
For Raytheon Aircraft Company
DOA-230339-CE

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model G360 Serial Number E-3660Reg # N610TC Owner's Name Doug Chandler

DATE			TIME		ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D		HOURS			
06	1	29	27	7	Drained engine oil and removed engine oil filter. Replaced with Aeroshell 100 15W-50 and mailed engine oil sample to Engine Oil Analysis. Replaced Oil Filter.	<i>DH Myers</i>	2702094
06	2	23	49	6	Replaced engine oil and filter w/ Aeroshell 100 15W-50 JAW G36 Bonanza MX. Manual. Mailed oil sample to Engine Oil Analysis.	<i>DH Myers</i>	2702094

CUTTER
ALBUQUERQUEA Repair Station GMZR383E
505 842-4184

AVIATION, INC.

REG # N610TC
S/N E-3660
HM 0107.7
TACH N/ADATE 5/23/06
W/O M-514
AFTT 0107.7

Re-sealed outside window frame of windshield using 890 B2 seal pak as required,
Adjusted cargo door striker plate and door seal to allow for easier latching of door.
Operational 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: *[Signature]*

Page 1 of 1

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			

TORNADO ALLEY TURBO INC.

300 AIRPORT RD

ADA, OK 74820

AIRFRAME 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**, IN ACCORDANCE WITH 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 SUPPLEMENT FOR OPERATION AND CONTINUED AIRWORTHINESS. INSTALLED NEW **PRESSURE RELIEF VALVE** PART NUMBER **470944-0029** SERIAL NUMBER **JDN00064**. INSTALLED NEW **PRESSURE CONTROLLER** PART NUMBER **470688-5** SERIAL NUMBER **AF0105**. INSTALLED NEWLY OVERHAULED **WASTEGATE** PART NUMBER **470908-0011** SERIAL NUMBER **JBN00052**. INSTALLED NEW **TURBOCHARGER** PART NUMBER **406610-0029** SERIAL NUMBER **JDL00014**. INSTALLED LATE MODEL A36 TYPE FUEL FLOW GAGE MODIFIED FOR TURBONORMALIZED SYSTEM PART NUMBER **F31** SERIAL NUMBER **3155**. INSTALLED J. P. INSTRUMENTS **TIT** SLIM LINE DIGITAL GAGE ASSEMBLY. INSTALLATION COMPLETED IN ACCORDANCE WITH **STC SA2586NM** AND JPI INSTALLATION INSTRUCTION. INSTALLED **6 PLACE SUPPLEMENTAL OXYGEN** SYSTEM IN ACCORDANCE WITH THE TURBO SYSTEM STC AND MASTER DRAWING PACKAGE. COMPONENTS ARE, 115 CU FT KEVLAR BOTTLE WITH, PRESSURE TRANSDUCER, ELECTRICALLY OPERATED ON/OFF SOLENOID MOUNTED TO BOTTLE. FILL PORT WITH MECHANICAL GAGE MOUNTED INSIDE PASSENGER DOOR ARE. USER PORTS MOUNTED IN HEADLINER AFT OF FRONT SEATS AND AFT OF #6 SEAT. ELECTRICALLY OPERATED ON/OFF SWITCH AND PRESSURE GAGE ON INSTRUMENT PANEL. SEE FLIGHT MANUAL SUPPLEMENT FOR OPERATION AND CONTINUED AIRWORTHINESS. 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 202.4
TACH N/A

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

1. Completed annual inspection using Raytheon Bonanza A36 inspection checklist as a guide , PN 36-590001-9.
2. Resealed windscreen at several areas required with PR 1425.
3. Reglued L/H wing root rubber seal.
4. Retorqued pilot seat arm rest bolts.
5. Adjusted cabin door striker plates.
6. Installed new R/H wing fuel sump drain.
7. Installed new bulb lower beacon.
8. Installed new tail navigation light bulb.
9. Installed new R/H wing stobe light bulb.
10. Adjusted L/H cowl door linkage to clear exhaust stack.
11. Serviced NLG shimmy dampner as required with MIL 5606.
12. Serviced MLG struts and NLG strut with nitrogen as required.
13. Installed new L/H and R/H MLG brake caliper pads, bled brakes and serviced reservoir as required with MIL 5606.
14. C/W with cabin 12 month fire extinguisher inspection.
15. C/W 100 hour lubrication requirements.
16. C/W with torque check of aircraft wing bolts.
17. C/W 12 month inspection and operational check of ELT per FAR 91.207. Battery due date 09/2007.
18. C/W **SB 27-3459** Raytheon, Inspection of gust lock. Due next annual.
19. Operational and leak checked.

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

PTT 87.1

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

Propeller SN EE-5550B

- Completed Annual inspection using Raytheon Bonanza A36 inspection checklist as a guide, PN 36-590001-9.
- Dressed and painted propeller as required.
- CK'd AD 2005-14-11 Hartzell Propeller. AMDT 39-14188. Propellers returned to service by Southern California Propeller Service. Not applicable, propeller has not been returned to service by Southern California Propeller Service.
- Checked AD 2005-18-20 Goodrich "Fast Prop" de-icer boots. AMDT 39-14261. N/A by part number installed.
- Operational and leak checked.

This propeller 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

11 October 2007 Hobbs/Total: 298.0
N610TC Beech G36 S/N: E3660

Bode Aviation
Albuquerque, NM

Annual inspection completed this date in accordance with Bonanza Series Maintenance Manual. Inspected all controls, cables, pulleys, fluid and pneumatic plumbing, electrical wiring, surfaces and structures. Inspected and operationally tested ELT IAW FAR 91.207D and found airworthy for return to service, replaced battery next due Sept. 2010. Performed landing gear operational checks in both normal and emergency functions. Cleaned, inspected and greased wheel bearings. Replaced air conditioner drive belt p/n: 646293-34.00. Replaced air conditioner drive belt guard bracket. Resealed left brake caliper and bled brakes. Replaced flashing beacon bulb. I certify this airframe 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 # N 610TC
S/N E3660
HM 353.4

DATE 6/02/08
W/O 01A-2156

Removed defective Comm 2 Antenna P/N DM C70-4 S/N 7364 and installed new Comm 2 Antenna P/N DM C70-4 S/N 7933.

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

Thomas A. Parks

SIGNATURE:

Page 1 of 1

CUTTER AVIATION, INC.

ALBUQUERQUE

A Repair Station GMZR383E
505 842-4184

REG # N610CT
S/N E-3660
HM 370.3
TACH N/A

DATE 08/04/08
W/O 01M2371
AFTT N/A

- Installed new tow pin, P/N RA60-820029, I/A/W Hawker Beechcraft G36 IPC 32/20/00/

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

Edward P Gerard

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

Aircraft Log

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

Replaced main aircraft battery with new p/n G-242, s/n G02379016;
Replaced right main landing gear tire with new p/n 070-313-0, s/n 7346W00038 and new inner tube p/n 092-318-0.

Signed:

Date: 8/28/08

23 October 2008 Hobbs/Total: 391.5
N610TC Hartzell PHC-C3YF-1RF S/N EE5550B



14

Annual inspection completed this date in accordance with Aircraft maintenance Manual and 14 CFR 43 Appendix D. Replaced deice boot strap on blade S/N K40225. Dressed propeller. I certify that this propeller 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

Y	M	D	HOURS	LINES IF REQUIRED	SIGNATURE	NUMBER
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23 October 2008 Hobbs/Total: 391.5
N610TC Beech G36 S/N E3660



Annual inspection completed this date IAW Aircraft Maintenance Manual and 14 CFR 43 Appendix D. Inspected all controls, cables, fluid and pneumatic plumbing, electrical wiring, surfaces and structures. Inspected and tested ELT IAW FAR 91.207D and found it airworthy with battery EXP date of Sept. 2010. Performed landing gear rigging and operational checks in both normal and emergency modes. Inspected and repacked all wheel bearings. Replaced left main tire and tube with new. Bled right brake. Replaced tail beacon bulb with new. Installed M-20 air/oil separator. Rigged right cowl latch assembly mechanism. IFR certification performed by Bode Avionics. Replaced engine air filter with new. Serviced all landing gear struts with nitrogen. I certify that this aircraft 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

08	12	01	413.0	RELAMPED LANDING LIGHT OPS CHECK GOOD	R. BALDOCK 	ATP 2660878
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7 January 2009 Hobbs/Total: 438.0
N610TC Beech G36 S/N E3660



Resealed the drain fitting for the air/oil separator on the # 2 rocker cover. Reinstalled the rocker cover with a new gasket and torqued. Performed a ground run-up for leak and operational checks, both checks good. I certify that this aircraft is OK for return to service with regard to the above work performed.

Chris Torres
CRS J7BR555Y WO 4676

22 October 2009 Hobbs/Total: 486.8
N610TC Beech G36 S/N E3660



Annual inspection completed this date IAW Aircraft Maintenance Manual and 14 CFR 43 Appendix D. Inspected all controls, cables, fluid and pneumatic plumbing, electrical wiring, surfaces and structures. Inspected and tested ELT IAW FAR 91.207D and found it airworthy with battery EXP date of Sept. 2010. Performed landing gear rigging and operational checks in both normal and emergency modes. Inspected and repacked all wheel bearings. Replaced brake pads with new both sides. IFR certification performed by Bode Avionics. C/W fuel gauge accuracy check. C/W fuel flapper valve inspection. C/W **AD-2009-15-01** by visual inspection, Connector chaffing on fuel line, no defects noted. I certify that this aircraft 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.

22 October 2009 Hobbs/Total: 486.8
N610TC Hartzell PHC-C3YF-1RF S/N EE5550B



Annual inspection completed this date in accordance with Aircraft maintenance Manual and 14 CFR 43 Appendix D. Dressed propeller. I certify that this propeller has been inspected in accordance with an annual inspection and has been found to be airworthy with respect to the above work performed.

Gilbrt B. Aragon
CRS J7BR555Y WO 5295.

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
09	9	24	17	repacked Passenger Cowl latch as per Cowl latch Rigging instructions 71-10-00 Page 1 A - G	Paul III	42P 245745575

Bode Aviation

2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N610TC

Model: Beech G36

S/N: E3660

Date: 12/9/10

Hobbs/Total: 534.5

Completed Annual inspection IAW 14 CFR 43 Appendix D and Aircraft Maintenance Manual. Inspected all controls, cables, pulleys, plumbing, and surfaces and structures. Inspected ELT IAW FAR 91.207D and found airworthy, installed new battery. Performed landing gear rigging and operational checks in both normal and emergency modes. Cleaned and repacked all wheel bearings. Replaced nose landing gear tire and tube, and balanced assy. Resealed right brake caliper and bled brake. Replaced B3-5-1 garter filter. Replaced standby battery with new unit p/n: RG125 s/n: 40362313. Removed propeller, sent to New Mexico Propeller CRS N5PR141Y for reseat, and reinstalled. Removed and reinstalled oxygen bottle after hydrostatic test. Serviced oxygen. C/W AD 76-07-12 ignition switch function check. C/W AD 2008-02-06 Garmin auto pilot servo inspection IAW Garmin SB 0713 rev C, NDN. C/W SB27-3459 control lock inspection. I certify that this aircraft is airworthy for return to service with respect to the above work performed.

Dave Modisette

WO# ABQ1488

CUTTER
ALBUQUERQUE

AVIATION, INC.

FAA Repair Station GMZR383E
505 842-4184

REG # N610TC

S/N E-3660

HM 534.7

TACH N/A

DATE 12/9/10

W/O 01A-3749

AFTT N/A

The static system has been tested as required by FAR 91.411 and found to comply with FAR 43 APPD. E(a) on 12/9/10
The Altimeter tests and inspections required by FAR 91.411 have been performed and comply with FAR 43 APPD. E(b).
(LH S/N) 47805176 (DATE) 12/9/10 (Tested To) 20,000 ft.

The Transponder tests and inspections required by FAR 91.413 have been performed and found to comply with FAR 43 APPD.F.

The integrated system was tested as required by FAR 91.413 and FAR 91.217 and found to comply with FAR 43 APPD. E (c) on 12/9/10
(Model No.) GTX-33 (S/N) 89100051 (Date) 12/9/10


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

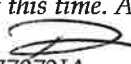


Joseph Dougherty

SIGNATURE: *Joseph Dougherty*

Page 1 of 1

WEST TEXAS AERO 7000 ANDREWS HWY ODESSA TX 79765
 FEBRUARY 13, 2012 N610TC RAYTHEON G36 S/N: E-3660 HOBBS: 562.0
 HARTZELL PHC-C3YF-1R/F8468A (B,K) -6R CONSTANT SPEED PROP TT: 562.0
 PROPELLER

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IAW A ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY. ALL AD'S C/W AND WORK DONE IAW APPROVED DATA ON FILE WITH WEST TEXAS AERO. THIS PROPELLER IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED.
 DGLADSTONE AP467877872IA 

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				<p>West Texas Aero 7000 Andrews Hwy Odessa Texas 79762 432-552-7691 N610TC 2/10/12 Beechcraft G36 S/N E-3660 AFTT: 562 Airframe Log Complied with MSB28-3967 and serviced nose strut to proper level, replaced ELT battery and operational check good at this time. Removed altimeter and reinstalled after IFR certification. Complied with annual inspection at this time and found aircraft to be airworthy at this time. All AD's and logs complied with at this time. DGLadstoneAP467877872IA </p>		
				<p>West Texas Aero 7000 Andrews Hwy Odessa Tx 79765 03/03/13 N610TC Beech G36 E-3660 AFTT: 571.1 Airframe Opened all access panels and checked cables, controls and security of equipment. Check travel of surfaces and jacked aircraft. Swing gear and service IAW MM, filled hydraulic fluid and repacked bearings. Serviced ship battery and check ELT IAW FAR check ok at this time. I certify that this airframe has been inspected IAW an annual and found to be airworthy at this time. Return to service for work performed, all AD's c/w up to date and FAR91.411 c/w at this time. Transponder certification c/w and due FAR91.417 IFR Cert. 3/15 DGLadstoneAP467877872IA CRS # BQNR526X </p>		
				<p>West Texas Aero 7000 Andrews Hwy Odessa Tx 79765 03/03/13 N610TC Beech G36 E-3660 AFTT: 571.1 Propeller I certify that this propeller has been inspected IAW an annual inspection and found to be airworthy at this time. All AD's c/w up to date and work on file with West Texas Aero. DGLadstoneAP467877872IA</p>		
				<p>WEST TEXAS AERO 7000 ANDREWS HWY ODESSA TX 79765 MAY 05, 2014 N610TC RAYTHEON G36 S/N: E-3660 HOBBS: 588.9 AFTT: 588.9 AIRFRAME I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. AD RESEARCH COMPLETED THROUGH BIWEEKLY 2014-08. INFLATE NOSE STRUT TO PROPER LEVEL. REMOVED AND REPLACED BATTERY WITH NEW G242 S/N: G02824150. REMOVE AND RESEAL LEFT HAND BRAKE CALIPER ORING P/N:MS28775-222. CLEAN NOSE WHEEL AS NEEDED. REMOVED AND REPLACED AIR FILTER WITH NEW P/N: P137627. REPLACE ALL LANDING GEAR GREASE ZERK DUST CAPS WITH NEW P/N: GC-5. REMOVED AND REPLACED ELT BATTERY WITH NEW P/N: 452-0130 NEW EXP DATE JUN 2016. THIS AIRCRAFT WAS REPAIRED AND INSPECTED IAW CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. DAN WEBRE JR AP3501544IA </p>		

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
14	10	31	627.3	REMOVED SEAT #5. WEIGHT & BALANCE ADJ. ACCORDINGLY, PER POH EQUIP. LIST.	Ray R. Langston - owner/pilot	



Aircraft Maintenance Services
Camden, SC 29020

Phone: (803) 713-0200 Fax: (803) 713-0017

Web: amscamden.com Email: frank@amscamden.com



Date 8 May 2015 Tach:661.3 TT: 661.3

Annual inspection and lubrication completed this date as per Beechcraft maintenance annual 100 hour/ annual inspection check list.

1. Left wing quick drain leaking, cleaned drain and leak checked.
2. Performed 12 month inspection on Garmin G1000 as per check list, *(battery replaced last year, due May 2017) weighed cabin fire bottle.
3. Inspected landing gear motor brushes as per 500 hour inspection.
4. Serviced oxygen bottle and tightened fittings in tail.
5. Lubricated rear cabin door.
6. C/W AD2001-08-08 by inspection of V band clamp for proper torque.
7. Painted RH flap cover where needed.
8. Found landing gear retract rod loose on nose gear, torqued as per Beech maintenance manual.
9. Installed new flap rubber bumpers as needed.
10. Installed new fuel cap O rings.
11. Inspected Alternator as per 500 hour inspection.
12. Removed RH brake actuator and installed new seals due to leak.
13. Inspected Engine shock mounts as per 100 hour inspection.
14. Performed routine maintenance as per Beechcraft 100 hour/ annual inspection check list, lubricated as per manual.

I certify that this aircraft was inspected IAW an annual inspection

And is approved for return to service this date, 8 May 2015.

Frank O. Schumpert

Frank O. Schumpert A&P3565623IA



Aircraft Maintenance Services
Columbia, SC 29205
Phone: (803) 708-7191

www.amscolumbia.com Email: frank@amscolumbia.com



Date 17 June 2015

Removed pilots control yoke and complied with SB# 27-4136 as per service bulletin instructions.

Frank O. Schumpert

Frank O. Schumpert A&P3565623IA

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME HOURS	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D				

N610TC

Bonanza G-36

SN: E-3660

Meter: 705.2

12-28-2015



Aircraft Maintenance Services, Inc.

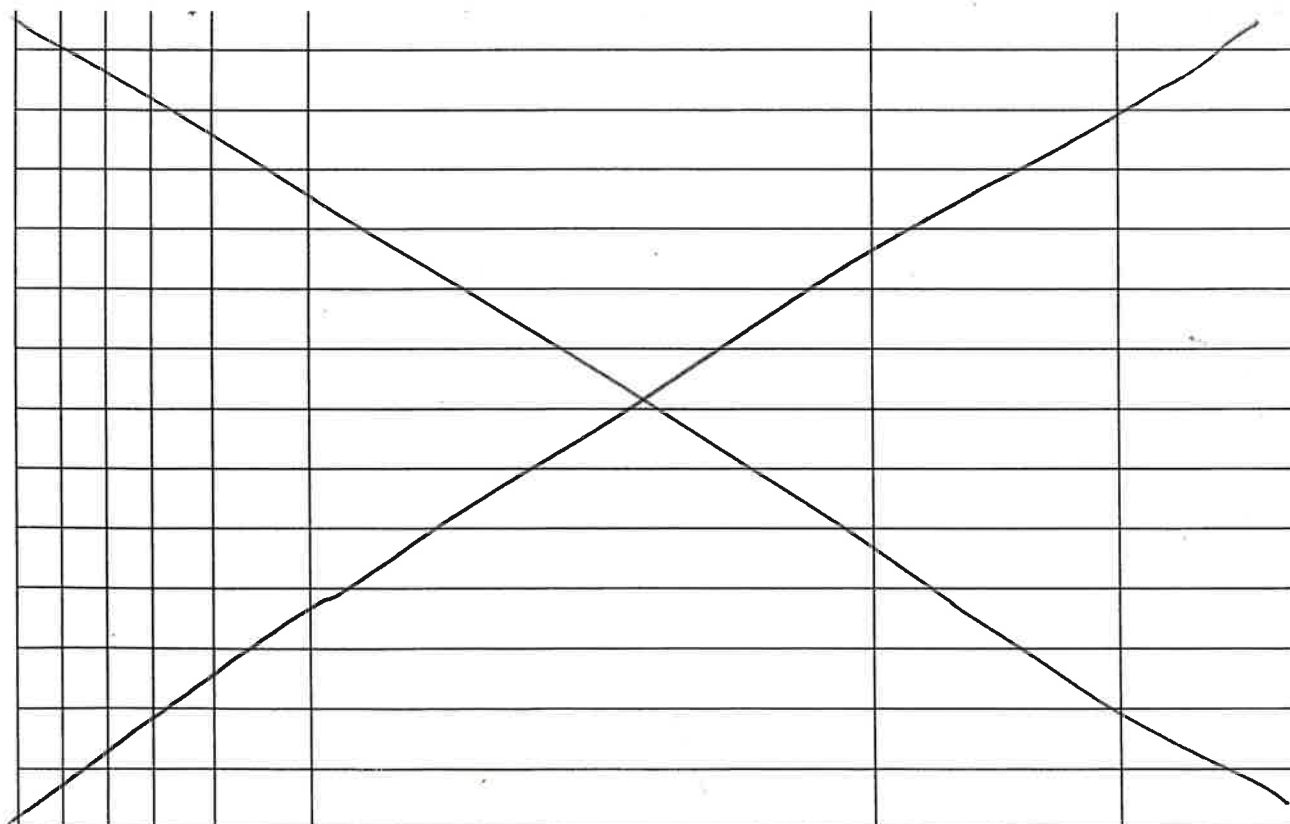
1400 Jim Hamilton Blvd, Bldg E

Columbia, SC 29205

www.ams-columbia.com

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



Reg #	Owner's Name
-------	--------------

[illegible]

MAKE: BEECH
MODEL: G36
S/N: E-3660
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
HOBBS: 758 2

11

Avionics Entries

- Added second PTT switch on pilots yoke in provisions supply by manufacture system operational check good.
- Removed Garmin GTX 33 remote transponder at station 50.0.
- Installed the following equipment:
 - Garmin GTX 345 remote transponder at station 50.0, p/n 010-01217-43 s/n 3EH400542
 - Garmin GA-35 WAAS GPS antenna at station 87.0, p/n 013-00235-00 s/n 125169
- Inserted Garmin FAA approved Flight Manual Supplement p/n 190-00734-15 Rev. 2 Mar. 8, 2016 into aircraft records.
- Inserted Garmin FAA Approved Instructions for Continued Airworthiness p/n 190-00734-11 Rev. 5 pages 4-1 thru 4-6, Oct 18, 2016 into the aircraft maintenance records.
- A 5 amp circuit breaker labeled "XPNDR" located on the copilot's avionics bus supplies power to the system. Garmin GTX-345 installed in accordance with Garmin STC SA01714WI June 30, 2016 and Garmin STC installation Manual p/n 190-00303-61 Rev. 8, Oct 2016.
- Installation completed in accordance with AC 43.13-1B Chapters 10, 11 and 12 and AC 43.13-2B Chapters 1, 2 and 3. An operational test was performed on the newly installed equipment IAW the equipment manufacturer's instructions and all functions performed properly. All aircraft systems were tested and determined that no Electro Magnetic Interference to or from the newly installed equipment occurred.
- An electrical load analysis was performed and found that the continuous load of the alternator output does not exceed 80% of capacity. Weight and balance and equipment list revised.
- Updated all databases to current cycle. G1000 databases function check ok.
- Re Pinned MFD and PFD connectors, Ops Check Good

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:

Work Order: 52734

Dwayne Wilcox
Certified Repair Station No. OY1R391K

Printed by EBis 3 (datcomedia.com)

MAKE: BEECH
MODEL: G36
S/N: E-3660
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
HOBBS: 758 2

Airframe Entries

- Performed Annual Inspection IAW Beechcraft Bonanza AMM inspection checklist. Researched AD's thru biweekly issue 2016-22. Jacked aircraft & completed normal & emergency gear swings. Inspected & cleaned fuel strainer. Cleaned, inspected & repacked wheel bearings & lubricated aircraft. All work performed in accordance with manufacturers recommended procedures. Ground runs, leak & ops checks were good.
- ELT tested IAW FAR 91.207(d) 2-4 (ref CAIA W/O 10995), battery expires November 2018.
- Removed and cleaned old RTV from engine sump and LH pre-heater pad. Re-bonded pre-heater sump pad to engine sump.
- Re-torqued and safetied hardware on RH I/B fuel transmitter per Bonanza AMM 28-40-00.
- Removed broken piece of drain fitting plastic from drain tube sleeve on evaporator housing and repaired as required. Reinstalled evaporator mounting hardware, evaporator air duct, and adjacent floor boards as required.
- Complied with Tornado Alley ICA's for 50 hr, 100 hr and 3 year inspection items.
- Complied with 10 year replacement of engine compartment flammable fluid hoses per Tornado Alley STC ICA Airworthiness Limitations and Beechcraft G36 AMM, ground run, leak & ops checks satisfactory.
- 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.
- Complied with Tornado Alley Oxygen system ICA 35-6460001 Continued Airworthiness Rev A.
- Repaired landing light wire inside of nose bowl IAW AC 43.13-1B Ch 11.
- Removed RH baffle from engine, stop drilled crack, fabricated & installed doubler, reinstalled RH engine baffle.
- Primed and painted interior of battery box IAW AMM 20-08-00.
- Installed new drain valve P/N CCA3400 at LH fuel bladder, leak check good.
- Removed RH brake caliper & disassembled, removed and discarded o-rings. Cleaned pucks and caliper. Installed new o-rings P/N MS28775-222 & reassembled caliper. Reinstalled caliper & torqued backing plate to 90 in-lbs. Bleed RH side brake system, ops check good.
- Adjusted elevator control cable tension IAW AMM 27-30-00.
- Extracted broken grease fitting in RH MLG, installed new grease fitting P/N 3016 and serviced with grease.
- Fabricated and installed a new retaining tab at upper fwd RH wing bolt cover IAW AC 43.13-1B, Ch 3 and 6.

1 of 2

- Adjusted LH and RH MLG up lock cable tension IAW AMM 32-00-00, ops check good.
- Installed AeroLED PMA landing light assembly P/N 01-1030-L-A IAW AeroLED installation guide Doc # 0003-0004.
- Installed AeroLED PMA taxi light assembly P/N 01-1030-L-B IAW AeroLED installation guide Doc # 0003-0004.
- Resealed shimmy dampener ref AMM 32-20-00 & serviced IAW Beechcraft AMM 12-20-00.
- Adjusted nose gear up tension IAW AMM 32-00-00, ops check good.
- Repaired chafed starter power lead by removing damaged portion and replacing starter ring terminal with AMP4HDW in accordance with AC43.13-1B, ops checked good.

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:

Work Order: 52734

Woodrow L Mowry
Certified Repair Station No. OY1R391K

Printed by EBis 3 (datcomedia.com)

2 of 2 xm

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

12

Log 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
Certified Repair Station No OY1R391K

Work Order: 52786

Printed by EBis 3 (datcomedia.com)

MAKE: BEECH
MODEL: G36
S/N: E-3660
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 11/21/2016
A/C TSN: 759.2
HOBBS 759.2

Airframe Entries

- Installed Door Steward door assist gas spring modification on forward cabin door IAW Mountain View Aviation STC No. SA01120SE and Installation Instructions MVA-B40C10M&O, Rev. B, dated January 2, 2010. Instructions for Continued Airworthiness are contained within Installation Instructions MVA-B40C10M&O, Section B. Weight and balance change was negligible. Completed FAA Form 337 and submitted.
- Installed battery minder leads and secured as required.
- Removed and replaced alternate air door micro switch P/N ETI-B-703-SR IAW TAT GAMI Procedure #0965. Ops check good.

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
Certified Repair Station No OY1R391K

Work Order: 52734

Printed by EBis 3 (datcomedia.com)

MAKE: BEECH
MODEL: G36
S/N: E-3660
REG NO: N610TC
WORK ORDER 52805

Capital Aviation Instruments & Avionics

Repair Station No OY1R391K
10660 Aviation Lane
Manassas VA 20110
Phone: 703-369-0500

DATE 2/6/2017
A/C TSN: 759.2
HOBBS 759.2

Avionics Entries

- Confirmed Intermittent GIA failure. Removed the GIA, PN 011-01105-20 SN 1HQ012062, and installed the overhauled GIA, PN 011-01105-20 SN 1HQ015786. Loaded the Software and configuration files I/A/W Garmin G1000 Line Maintenance Manual.

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: 2/6/2017

SIGNED:

Leslie Touart
Certified Repair Station No OY1R391K

Work Order: 52805

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Barrier Island Aviation, Ltd.



Aircraft N610TC Date 8-19-17 Hobbs 799.9

Installed new Michelin 5.00x5 nose wheel tube and McCreary Airhawk 5.00x5 tire
Andy Rosman 3524208 A&P

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____


Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
		9/6/2017	N610TC	Beech G36	Aircraft Logbook	
				Hobbs Hours: 808.0		
				Service oxygen system.		
				Replaced brake pads on right hand wheel with new.		
				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 27248101A		
						
		12/21/2017	N610TC	Beech G36	Aircraft Logbook	
				Hobbs Hours: 834.3		
				Annual Inspection completed this date in accordance with Beech Maintenance Manual and 14CFR Part 43 Appendix D. Lubricated cables, hinges and pulleys. Jacked aircraft and checked all landing gear emergency and normal operation. Cleaned fuel strainer. Checked magneto timing and engine compression 1) 72 2) 70 3) 68 4) 68 5) 70 6) 68. Checked ELT operation in accordance with 14CFR Part 91.409 (a). ELT battery due 11/2018.		
				Replaced engine air filter with new.		
				Checked standby avionics battery, operation OK. Replaced @ 717.0 TTAF 05/27/2016.		
				Checked standby artificial horizon battery, operation OK. Replacement due on condition.		
				Serviced O2 cylinder to 1600 psi. and checked date, OK. Hydrostat completed @ 717 TTAF 05/27/2016.		
				Serviced gear struts with 5606 hydraulic fluid and nitrogen.		
				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.		
				Lubricated latch mechanism on cabin door.		
				Replaced TIT probe with new.		
				Serviced landing gear box with oil. Tightened gear box in mount. Set down travel by adjusting gear down switch plunger IAW Beech AMM. Lubricated landing gear.		
				Replaced bad static wick on elevator 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 Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.		
				Signed _____		
				James Wrenn A&P 27248101A		
						

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS			
				1/21/2019 N610TC Beech G36 Aircraft Logbook Hobbs 894		
				Annual 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. Right and left side brake calipers leaking. Remove and rebuild both calipers, re-install and bleed brake system. Operational check ok.		
				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.		
				Remove and replace nose gear strut service placard.		
				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.		
				Tail navigation light burned out. Replace bulb, operational check ok.		
				Remove and replace air conditioner belt with new.		
				Remove battery box and clean underneath, service and charge airframe battery, capacity test 86%.		
				Nose gear door bushings have excessive wear. Remove doors and install new hinge bushings. Tightened actuator rod ends.		
				Serviced O2 cylinder to 1600 psi. and checked date, OK. Hydrostat completed @ 717 TTAF 05/27/2016.		
				Serviced gear struts with hydraulic fluid and nitrogen.		
				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 Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.		
				Signed _____ James Wrenn A&P 2724810IA		
						

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

DATE			TIME HOURS	ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D				



N610TC Bonanza G36 SN E3660 Airframe Log-03/01/2020

Total Aircraft Time: 938.7 Hobbs Reads: 938.7

Inspected aircraft per scope and detail of 14CFR Part 43, Appendix D utilizing Beechcraft Bonanza 36 annual/100-hour inspection long form check list. Inspected and tested ELT IAW 91.207 par D. Batteries next due 08/2021. Serviced O2 bottle to 1800 PSI with aviators oxygen Hydrostatic test due 6-1-2021, #2 battery failed capacity check 3 times Referencing Concorde RG Series Owner and operator manual Document No. 5-0324 Rev. F dated Nov. 26/2019, installed new #2 battery with Concorde RG-125 S/N 70007345 see 8130-3 WO# 25505-04 dated 10/DEC/2019 next due for test 03/2021, all lighting checked, installed new P/N 11-03208 lamp in tail nav., cleaned and treated small amount of corrosion under battery box, tighten air conditioning belt, replaced cowl chafe tape as needed, replaced fresh air scat ducting as needed, replaced clip on right upper forward wing bolt cover, repaired engine air cleaner seal as needed, repaired shimmy dampener by freeing floating piston and reassemble with new seals, service and reinstalled, Serviced brake system with Aeroshell #4 hydraulic oil. Tighten and pin main gear inboard retract rod bolts, all landing gear down lock and cable tensions check within limits, motor brushes check over 5/16 inch min., jacked and serviced landing gear, retract checks normal with emergency extension normal, installed new storm window seal, installed new Halon fire extinguisher P/N 13-01966, Airworthiness Directives researched through ATP rev. 02/25/2020, All work done referencing Beechcraft G36 maintenance manual, G36 supplement for G1000 series and AC43.13-1B/2B as applicable.

I certify that this Aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Patrick Morse Patrick Morse A&P 3426819 IA

I certified that the ATC Transponder test required by FAR 91.413 have been performed found to comply with FAR 43, appendix F.

1 Make GARMIN Model GTX 345R S/N 3EH400542
 # 2 Make _____ Model _____ S/N _____
 Date 2/10/20 W. O. # 776082
 Signed John Smith for
 Aero Avionics, Inc. Sanford, N.C. CRS # A8XR424J

Aircraft tested as required by FAR 91.411, I.A.W. FAR 43 appendix "E".

1. Static system: Per paragraph (a)
 2. LH Altimeter: paragraph (b) to 20.000 ft. S/N 97805776
 3. RH Altimeter: paragraph (b) to 20.000 ft. S/N 165508
 4. Integrated mode "C" system per paragraph (c).
 Performed items # 1, 2, 3, 4 W. O. # 16082
 Signed John Smith Date 2/10/20
 Aero Avionics, Inc. Sanford, N.C. CRS # A8XR424J

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Tyler V. Brennan

N7227B

06/02/2020

Raytheon-Beech

G36 Bonanza


S/N: B-3660

Hobbs: 947.5

AFTT: 947.5

Drained engine oil and removed oil filter. Removed engine oil filter.
 Installed new Champion 48109-1 oil filter, torqued and safetied.
 Opened oil filter and did not find excessive debris or contaminants.
 Serviced engine with 12 quarts Phillips X/C 20W50 Engine Oil. Leak
 check good.---END---

LICENSE NUMBER


 Tyler V. Brennan
 Owner/Operator

3866875

FAA CPL #

04/28/2020

Date

Inside & Out Aircraft Services, Inc.

278 Aviation Rd., Pikeville, NC 27863 Ph. (919) 526-4287

N7227B

06/02/2020

Raytheon-Beech

G36 Bonanza

S/N: B-3660

Hobbs: 958.7

AFTT: 958.7

Jacked aircraft and removed left main gear wheel assembly. Removed damaged
 inner tube and installed new Michelin 7.00-6 Inner Tube (P/N: 06-00848.)
 Cleaned and repacked left main wheel bearings with Mobil SHC-100 Aviation
 Grease. Reassembled wheel assembly and torqued to manufacturer's specification.
 Serviced all tires with shop air. Troubleshoot flap position indication error
 and found indicator switches to be out of adjustment. Adjusted switches I/A/W
 Raytheon Pilots Operating Handbook. Operational check good.---END---


 Bruce K. Gardner

A&P3371702

Certificate #

06/02/2020

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

ELT Battery Due: Aug/2023

Transponder Cert. Due: Feb/2022

Aircraft Registration Due: 7/31/2023

Annual Inspection:

Airframe Log Entry

CW AD 84-26-02 paper induction air filter, installed new Donaldson P137627 filter at this time, Textron recommends
 replacement every 3yrs, 5 cleanings, 500 hrs or on condition whvr occurs first.

Serviced all fuel screens.

Greased wheel bearings and landing gear.

Replaced worn brake linings with new ABS66-00105 linings.

Resealed right and left wheel brake cyls for leaks, bled brakes.

Resealed NLG strut for leak, serviced with 5606 hyd fluid and dry nitrogen.

Serviced MLG struts with dry nitrogen and adjusted to proper heights.

Replaced worn left aft nose gear door hinge assy with new, 002-410001-107 hinge and 105739X-ZG0250 bushing.

Re-torqued loose nose wheel steering linkage bolts.

Found NLG right and left door rods bttm rod ends put together wrong, dis-assembled and re-assembled correctly.

Found NLG Drag-brace aft attach bushings not drilled to take grease, drilled hole and greased.

Performed landing gear operational and rigging checks in accordance with Raytheon G36 Maintenance Manual. Operated gear
 (10) trouble free times with (2) using the emergency gear down procedure.

Replaced broken Air Conditioning compressor pulley guard with new, 36-555048-3 and installed new belt assy, 646293-34.00.

Inspected ELT system in accordance with FAR 91.207(d), installed new battery, operations checked satisfactory at this time.

Serviced aircraft battery and box.

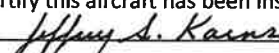
Installed new o-rings on Left and Right fuel caps, Fluorosilicone Kit #4.

Repaired broken attach on turbo shield assy.

All routine servicing, lubrication and AD's search was accomplished at this time.

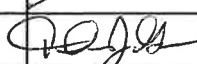
Performed ground run operational checks, all checks normal at this time. No leaks noted.

Work performed in reference to Raytheon G36 Maintenance Manuals.

March 19, 2021 N610TC ACTT: 1043.2 I certify this aircraft has been inspected in accordance with an annual inspection and
 is approved for return to service.  AP 2730963 IA

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model G36 Bonanza Serial Number B-3664Reg # N610TC Owner's Name _____

DATE			TIME		ENTRIES MAY BE ON MULTIPLE LINES IF REQUIRED	INSPECTOR'S SIGNATURE	LICENSE NUMBER
Y	M	D	HOURS				
22	Apr	26	1183	.2	This aircraft has been inspected and found safe for the intended flight in accordance with Special Flight Permit dated 28 Apr. '22		CRS 041238714

Gemco Aviation Services Inc.

10800 Sharrott Rd
North Lima, OH 44452
330-549-0337

N610TC	Make: Beechcraft	Model: G36	S/N: E-3660
Date: 06/17/2022	Meter: 1184.1	ATT: 1184.1	<i>PG1 of 5</i>

Performed an Annual Inspection using the Beechcraft A36 Inspection Form As a guide. Lubricated per lube chart. ADs checked through ATP biweekly 2022-9. Performed several landing gear extensions and retractions to include and emergency extension with no defects noted.

C/W **AD76-07-12R1**, by function check of ignition switch with no defects noted at this time. **Next due 1284.1 hrs.**

C/W AD 01-08-08 and 400-hour TAT tail pipe "V" band clamp replacement by installation of new clamp P/N N4211-375M. **Next due 1584.1 hours.**

C/W AD 2021-23-12, dated 12/09/2021 and found AD N/A because the aircraft is not equipped with a radio / radar altimeter and the aircraft is not a commuter / commercial aircraft.

C/W AD 2022-03-15, dated 3/21/2022 and found AD is N/A because the affected Garmin equipment is not installed in this aircraft and is not integrated to the aircraft fuel quantity indicating system.

C/W 500-hour L/H and R/H engine magneto inspections, see engine log for details.

C/W 500-hour alternator bearing and brush inspection see below for details.

C/W annual battery #1 CAP test, by installing new Concord battery RG24-16, S/N 41223899, OCV 26.4 VDC.

C/W battery #2 CAP test, passed 85%, top charged and reconnected.

C/W annual ELT inspection per FAR 91.207(d), see below for repair details. **Next battery replacement due 3/2025.**

C/W annual gust lock inspection, per SB 27-3459, with no defects noted.

C/W 1yr fire extinguisher inspection and weight check, with no defects noted and weight 4 LBS 14 OZ reinstalled in aircraft.

C/W B&C Stand by alternator ICA, with no defects noted.

C/W Rosin Sun Visor ICA, adjusted tension on pilot's visor and no further defects noted.

C/W G&D tinted window inserts ICA, with no defects noted.

C/W 1 Year Mid Continent 4300 series stand by instrument ICA 9015762 Rev. J and SC #116, see below for repair details

C/W 1 Year Mountain high oxygen system ICA 35-6460001 Rev N/C, 6/22/2010, see below for repair details.

C/W Door Steward Cockpit door stay ICA, no defects noted.

Gemco Aviation Services Inc.

10800 Sharrott Rd
North Lima, OH 44452
330-549-0337

18

N610TC	Make: Beechcraft	Model: G36	S/N: E-3660
Date: 06/17/2022	Meter: 1184.1	ATT: 1184.1	PG 2 of 5

C/W 1 Year Tornado Alley ICA per manual P/N 35-6460001 Rev. A dated 09/29/2011, see below for repair details.

C/W 3-year crossover heat exchanger pressure check with no leaks noted. **Next due 6/30/2025.**

C/W 3-year fuel cell flapper valve inspection with no defects noted.

C/W 3-year stand by attitude indicator battery replacement, see below for details. **Next replacement due 5/31/2025.**

C/W 10-year Tornado Alley flammable fluid carrying hose replacement by installation of new TAT hose kit P/N Hose kit -10 year replacement -kit-G36 and leak checking after engine test runs, with no leaks noted.

C/W 15-year oxygen bottle replacement, see below for details. **15-year replacement due in 4/30/2037**

C/W 15-year oxygen remote control regulating and shut off valve overhaul, see below for details.

C/W SC 313 R1 by inspection of flap nose rib, with no defects noted.

C/W SC322 control cable inspection, with no defects noted.

ATA 21: Removed broken air conditioning belt guard P/N 36-555048-3. Removed worn air conditioning compressor belt P/N 646293-34.00. Extended air conditioning condenser, cleaned using solvent and dried with compressed air. Evacuated system of 1.3 LBS R134A refrigerant and 1 oz of refrigerant oil. Removed air conditioning compressor and sent to Skyline accessories of overhaul. Removed and replaced evaporator filter P/N 35-534470-19. Installed overhauled compressor P/N 36-555003-9, S/N 84S, see Skyline Accessories LLC 8130-3 tracking # 021124 / W/O# 17534, 6/13/2022, replaced receiver dryer P/N 90-384019-3 and preformed a system leak test with no leaks noted. Installed the following new components; belt P/N 646293-34.00, and belt guard P/N 36-555048-3. Tensioned belt and serviced system with 2.4 LBS R134A refrigerant and 8 OZ RL100E refrigerant oil and preformed a leak and operational check with no defects noted at this time.

ATA 24: Removed battery P/N RG24-16 and installing new Concord battery RG24-16, S/N 41223899, OCV 26.4 VDC Removed and replaced battery box drain tube. Removed alternator P/N 649304, S/N 005GA420 and sent out for 500-hour inspection. Inspected drive coupling and coupling failed torque check at 92-inch lbs. Installed overhauled drive coupling P/N 646655, S/N 962DH, see Skyline Accessories LLC, 8130-3 tracking # 020232 / W/O# R56213, dated

Gemco Aviation Services Inc.

10800 Sharrott Rd
North Lima, OH 44452
330-549-0337

N610TC	Make: Beechcraft	Model: G36	S/N: E-3660
Date: 06/17/2022	Meter: 1184.1	ATT: 1184.1	PG 3 of 5

2/22/2022 for details. Cleaned alternator mounting surface and reinstalled same alternator, see Aerotech of Louisville Inc. W/O# 149265, dated 5/25/2022 for details using new gasket.

ATA 25: Removed dead ELT battery and installed new battery P/N 452-0130, S/N 394287. Tested per FAR 91.027 (d), with no defects noted. Unbolted copilot's shoulder harness, untwisted belt and torqued attaching hardware. Adjusted and tightened glove box latch and strike plate hardware. Reattached copilots spar cover pocket using new hardware.

ATA 27: Troubleshoot flaps will not move to the approach position when selected from full up. Ohm out wiring and switches with no defects noted further investigation found approach switched way out of rig. Adjusted approach switches per AMM 27-50-00-201. Removed and replaced L/H and R/H elevator trim tab hardware and verified trim tab free play is within limits. Checked operation and travels with no defects noted.

ATA 28: Removed R/H wing fuel vent check valve, cleaned, tested and reinstalled with no defects noted. Defuled aircraft and removed access panels to gain access to fuel sump area. Removed factory installed fuel drains and installed new Storehouse LLC fuel drain valve kit P/N 720B per installation instructions 720B rev. O. Installed access panel using new gaskets, torqued saftied. Removed fuel cap assemblies, disassembled, cleaned, inspected, lubricated reassembled and adjusted fuel cap tension and reinstalled fuel cap assemblies in their respective positions. Preformed the fuel quantity calibration procedures for L/H and R/H fuel quantity sending units per G1000 maintenance manual supplement 22-14-07-501 Rev. B2 table 501 and leak checked access panels and fuel drains with no leaks noted.

ATA 30: Removed propeller brush block assemblies, disassembled, cleaned, inspected and reassembled using brush kit RAPCO P/N RA1543-7, reinstalled on aircraft and set lead in angle. Preformed an operational and function check with no defects noted.

ATA 32: Torqued L/H MLG FWD pivot bolt and cotter pinned. Torqued L/H MLG drag brace to strut attachment bolt and cotter pinned. Torqued L/H MLG inner gear door retract rod end bolt on door and cotter pinned. Torqued L/H and R/H MLG inner door retract rod end attachment hardware at actuator and cotter pinned. Secured R/H MLG up lock cable Tygon tubing. Loosened NLG centering roller attachment hardware, cleaned, lubricated, tighten attachment hardware and cotter pinned. Torqued NLG drag brace to strut attachment bolt and cotter pinned. Torqued NLG drag brace to keel box attachment hardware. Torqued NLG forward retract rod end attachment bolt and cotter pinned. Torqued NLG retract rod bracket attachment bolts. Removed and replaced R/H wheel inner grease seal and L/H wheel outer grease seal with seal P/N 154-03000 Removed and replaced exposed brake hoses using 2 each of the following hoses P/N MS28741-4-0150 &

MAINTENANCE/INSPECTION ENTRIES

Gemco Aviation Services Inc.

10800 Sharrott Rd
North Lima, OH 44452
330-549-0337

N610TC	Make: Beechcraft	Model: G36	S/N: E-3660
Date: 06/17/2022	Meter: 1184.1	ATT: 1184.1	PG 4 of 5

MS28741-4-0160, flushed system and bleed brakes. Serviced reservoir with Aeroshell 41 hydraulic fluid. Secured parking brake cable behind instrument panel, adjusted and tested with no defects noted. Remove shimmy damper, disassembled, cleaned, inspected, reassembled with new "O" rings, serviced and reinstalled. Adjusted both uplock cable tensions. Adjusted up sector gear clearance to 5/8 turn. Performed several landing gear extensions and retraction to include an emergency extension with no defects noted.

ATA 33: Removed and replaced burned out tail nav light bulb P/N 34-0428070-64 and opps checked with no defect noted.

ATA 34: Removed and replaced discharged stand by attitude indicator battery P/N 9015607, S/N M14-10084 and installed new battery P/N 9015607, S/N E22-12407, DOM 5/2022 tested and verified operation with no defects noted. Serviced compass with compass fluid and check cardinal headings with no discrepancies noted.

ATA 35: Removed oxygen bottle P/N 1270152-4, S/N ALT 282-16473, DOM 4/2006 and installed new oxygen bottle P/N 1270152-4, S/N ALT 282-47456, DOM 4/2022. Removed RCV/RCR and sent out for overhaul. Installed overhauled RCV/RCR, S/N 2106-01 see Mountain High Equipment Green tag, W/O# RR05980, 6/09/2022 for details. Purged system and serviced to 1850 PSI ABO and performed a leak and operational check with no defects noted.

ATA 52: Adjusted upper cabin door latch to provide door with better contact to seal and eliminate leaking. Removed loose front utility door seal, cleaned structure and seal. Reinstalled seal using 3M 1300 adhesive. Secured glare shield using new hardware.

ATA 72: Tightened #2 cylinder oil separator fitting and leak checked during engine runs with no leaks noted. Installed missing oil drain patch plug P/N 132641-5G.

ATA 76: Torqued throttle cable rod end attachment hardware to throttle arm and saftied. Disconnected propel control cable rod end to governor arm and swapped propeller control cable to opposite side of mounting bracket to prevent cable from chafing on engine mount bracket. Replaced worn propeller governor control rod end by installing new rod end P/N 131765-1F and secured to arm with new hardware, tightened and saftied. Tighten loose R/H cowl flap hardware and cotter pinned. Adjusted L/H cowl flap to prevent fouling on tail pipe.

ATA 77: Troubleshoot ITT fluctuates when PTT switch is depressed and found com radio RF to be interfering with indicator. Wrapped indicator in lead tape to prevent interference.

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ATA 78: Gained access and removed cracked waste gate manifold assembly and installed new TAT waste gate manifold assembly P/N ET1-B-108 using gasket kit WGKB. Reinstalled repaired and pressure checked cross over heat exchanger. Reinstalled removed component and leak checked ion engine test run. Retorqued tail pipe "V" band clamp to 40 inch LBS. after engine runs.

Christopher T. Kotch A&P173580771

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

Robert L. Grant A&P3719335IA

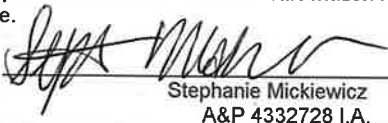
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Alpha One Flight Services
246 South Meadow RD
Plymouth, MA 02360

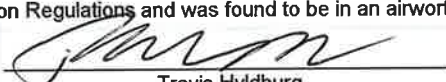
Date: 7/08/2022; Aircraft: N610TC; Type: BEECHCRAFT BONANZA; S/N: E3660; Hobbs: 1194.00; Tach: Removed and replaced the right tire with new Michelin p/n 070-313-0 and new tube p/n GL-7020B. Replaced internals of left fuel drain valve to correct orientation. Aircraft was test run, no leaks noted, ops. 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
A+P 28302441.A.

Date: 8/01/2023; Aircraft: N610TC; Type: G36 Bonanza; S/N: E3660; Hobbs: 1338.00; Total Time: 1338.00; Engine - Type: IO-550-B39B, S/N: 687094, SMOH: 1338.00; Prop - Type: PHC-C3YF-1RF, S/N: EE5550B, SMOH: 153.90
Performed an annual inspection IAW FAR43.13 appendix D in reference to Beechcraft Service Manual. ADs checked through 2023-17. ELT tested good, battery due MAR2025. Complied with AD 76-07-12, Ignition switch inspection, next due TT 1438.00. Complied with service bulletin 27-3459 gust lock inspection. Inspected fire extinguisher per annual fire extinguisher inspection, next due AUG2024. Inspected B&C standby alternator per ICA, next due AUG2024. Removed left exhaust and sent out for repair. Reinstalled upon return with 3 new exhaust gaskets P/N 65258, and 1 new exhaust manifold gasket P/N 642502. Removed right exhaust and inspected. Returned exhaust after inspection with 3 new exhaust gaskets P/N 65258, and 1 new exhaust manifold gasket P/N 642502. Replaced left tire with new P/N 070-313-0 and tube P/N GL-7020B. Replaced gear box drive motor with new P/N 58-380090-1, and gear up switch P/N BZ-R31. Rigged gear per MM. Inspected air conditioning system and checked pulley alignment. Installed new belt P/N 646293-34-00 and tensioned per MM. Installed new fan motor P/N 36-380027-35. Fabricated sheet metal patches for cylinder 1 and 4 baffling. Repositioned and secured engine hoses to avoid chafe points. Rebuilt left and right brake callipers with 2 new O rings per side, P/N MS28775-222. Rebuilt pilot side right brake master cylinder with new kit P/N m-03-1001-1 IAW STC SA04634NY, see form 337 this date. Bled brake system. Blended wear point on left cowl flap. Adjusted cowl flap rods and safetied. Removed and replaced 7 loose cherry rivets on upper cowling heat shield, P/N CR3213-4-2. Replaced all steel hardware on wings with new stainless steel hardware. 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
A&P 4332728 I.A.

Date: 10/07/2024; Aircraft: N610TC; Type: G36 Bonanza; S/N: E3660; Hobbs: 1389.10; Total Time: 1389.10; Engine - Type: IO-550-B39B, S/N: 687094, SMOH: 1389.10; Prop - Type: PHC-C3YF-1RF, S/N: EE5550B, SMOH: 205.00
Performed an annual inspection IAW FAR43.13 appendix D in reference to Beechcraft Service Manual. ADs checked through 2024-21. ELT tested good, removed and replaced battery with new p/n 452-0130, battery due JUL2027. Complied with AD 76-07-12, Ignition switch inspection, next due HOB 1,489.1 Complied with service bulletin 27-3459 gust lock inspection. Inspected fire extinguisher per annual fire extinguisher inspection, next due OCT2025. Inspected B&C standby alternator per ICA, next due OCT2025. Performed 3 year fuel cell flapper valve test, no defects noted; next due 10/2027. Performed SC 322 flight control cable system inspection, no defects noted. Removed and replaced tail light bulb with new p/n 34-0428070-64. Removed and replaced corroded battery terminal end with new p/n 321275. Removed and replaced right brake pads with new p/n 066-10500. Removed and replaced shimmy dampener and bolt with new lord p/n SE1076-1 shimmy and bolt p/n 13090B293. Removed and replaced right main tire tube with new p/n GL-7020B. Installed three brake master seal kits p/n M-03-1001-1 from Marsh Brothers Aviation under STC SA04634NY see STC on 10/07/2024. 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
A&P 4139360 I.A.

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
Changed nose gear tow pin with new P/N-60-820029-1. Replaced the landing gear in-transit light bulb, P/N-GE327. Inspected AC drive belt, determined okay for continued service. 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 Brown
A&P 3534614 I.A.