

# Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
			3308.2				



21 Creative Pl. Montrose, CO 81401  
 (970) 249-0232 800-575-9929  
 Fax: (970) 249-4155  
 www.westernskyways.com

Date: 19 October 2012  
 Tach time: 610.3  
 Total time: 3308.2  
 Aircraft Model: Beech F33A  
 #1 Engine Model: TCM IO-520-BB  
 Engine total time: 3821.60  
 #1 Prop Model: PHC-C3YF-1RF/F8068  
 Prop Total time: 0

Reg. Number: N133GM  
 Hobbs Time: 3308.2  
 Work Order Number: H003023  
 Serial Number: CE-1170  
 Serial Number: 569868  
 Engine TSO: 610.3  
 Serial Number: QG401B

Removed engine and propeller. Removed optional standby vacuum system. Modified engine by installation of turbocharger in accordance with Western Skyways STC SE8677SW and Master Drawing List DL92002. Installed engine in accordance with Western Skyways STC SA8676SW and Master Drawing List DL92001. Installed new pressurized magnetos Slick 6320, left serial number 12041569, right serial number 12041563 and new ignition harness M2279. Installed new RPM sensor part number 420809. Installed new rubber magneto drive bushings. Installed overhauled magneto drive gear and accessory drive pad on left side. Replaced #1 and #4 rocker cover gaskets. Removed EDM930, sent to JPI for tach and hobbs reset. Reinstalled same unit after reset. (Old tach time 578.6, new tach time 610.3. Old Hobbs time 3310.1, new hobbs time 3308.2.) Installed D'Shannon cooling air baffles in accordance with STC SA368CH and Installation manual DSP-IM95-2. Installed new Hartzell PHC-C3YF-1RF/F8068 propeller serial number QG401B. Dynamic balanced propeller from 0.158 IPS @ 343° to 0.045 IPS @ 111° by addition of 7.2 grams at 192°. Installed new propeller control cable 36-380061-3. Ground run, leak and operational checks good. Adjusted fuel system per Western Skyways STC instructions. Charged Air Conditioning system with R-12 Preon. Complied with Western Skyways Service Bulletin WS080324 during installation by rerouting and securing fuel return line to prevent chafing. Weighed aircraft, updated weight and balance. New empty weight: 2455.5. New C.G. 81.11. Useful load: 945. Added Instructions for Continued Airworthiness manuals DP-ICA-200 (D'Shannon cooling air baffles) and V35-2000 Rev A (Western Skyways Turbo-Normalizing) to Aircraft permanent records. Filed 337 forms.

The aircraft, airframe, engine, propeller, and/or appliance identified above was repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is hereby returned to service. Pertinent details are on file at this Repair Station on above work order.

Signature: *[Signature]*  
 Repair Station Number WS9R575J

Form 201

Date: 19 Oct 2012 Tach/Hobbs: 610.3 Reg. #: N133GM  
 Performed operational test flight in accordance with 14CFR91.407 paragraph (b).  
 Signature: *[Signature]*  
 License: A&P 163388

October 29, 2012, N133GM Aircraft Total Time: 3316.4

This is a permanent part of the aircraft records. The following inspections, repairs, or component part replacements were accomplished:

1. Inspected aircraft per the Beech Maintenance Manual Annual 100 hour inspection.
2. Lubricated and serviced aircraft in accordance with the maintenance manual.
3. Complied with AD 2007-08-04 par H3 by inspection.

The aircraft identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.

*[Signature]*  
 Tracy Eason  
 A&P 433746644

I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition, and is approved for return to service.

*[Signature]*  
 James E. Roberts  
 IA 1819286

PAGE TOTALS

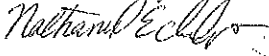
CARRY FORWARD to Top of Next Page

→ **AERO JACKSON** →  
JACKSON, MISSISSIPPI

N133GM Date 6-25-2012 Tach. 554.2 Hourmeter 3283.8

Replaced both left and right main tires (P/N: 072-313-0) and inner tubes (P/N: XA1AF).

Nathaniel E Insley IV A&P 3621698



NAME/  
SIGNATURE

LICENCE:  
AME or  
AMO/ACA

**09/29/2014 N133GM Beech F33A S/N: CE-1170 Hobbs: 3318.3  
TTAF: 3316.4**

Performed annual inspection. ELT tested well. ELT battery due @ June 2016. Performed retraction test and emergency extension. Sumped tanks. Calibrated fuel tanks to new EDM 930. Removed the follow items: Entire panel and instruments. Finished installing the follow items: PMA8000 Audio Panel P/N: 050-890-0702 S/N: CBT2729. Garmin GTX 327 P/N: 011-00490-00, S/N: 83747752. Mid-continent MD302 P/N: 6420302-1, S/N: F13-11077. Had GNS530 updated to WASS P/N: 011-01064-40, S/N: 78412784. Installed new WAAS antenna for the 530W. Installed these follow items: (see form 337). G500 Primary Flight System. GDU620 P/N: 011-01264-50 S/N: 165202984, GRS77 P/N: 011-00868-10, S/N: 42024238, GAD43e 011-02349-00, S/N: 1V7000780, GDL88 P/N: 011-02371 S/N: 22V000866. GTN 650 P/N: 011-02256-00, S/N: 1Z8012439. Installed D'Shannon left and right cockpit windows. Installed D'Shannon 20 gallon tip tanks. Installation of Engine technologies 4 place oxygen system already installed.(see form 337)

**09/29/2014 N133GM Beech F33A S/N: CE-1170 Hobbs: 3318.3  
TTAF: 3316.4**


Installed overhauled A/C Compressor from Skyline Accessories, LLC. P/N: SD-508, S/N: 6646809304. Installed repaired trim and pitch servo from Autopilots Central, Inc. P/N: 065-0061-04 S/N: 41635 and 21936. Installed new ship battery RG24-16 sealed battery. Equipment List revised. I certify that this airframe was inspected and current AD's checked per revision 2014-14 in accordance to an annual inspection and was determined to be in airworthy condition.

Jeff Powell, A&P 3013211 IA



# Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							

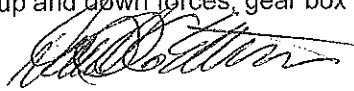
Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

**Airframe Maintenance Record Entry January 28, 2015**

**N133GM Beech F33A serial CE-1170**

**Tach 705.9**

Installed a new 36-820011-9 nose landing gear retract tube. Rigged nose gear. Verified landing gear rigging with respect to up and down forces, gear box stops and up-lock clearances.



**David C Entekin A&P 3398557**



**AIRCRAFT LOG**  
REGISTRATION: N133GM  
Hobbs: 3506.4  
DATE: 12/10/2014

Work Performed:

Item 1: Cigarette Lighter In-Op. Trouble Shot, Found Lighter Not Connected At Breaker Panel. Breaker Not Available. Installed In-Line Fuse Holder And Connected Lighter System. In Accordance With Beech F-33A MM Chapter 25. System Ground Test Normal.

**FAR 43.9 RETURNED TO SERVICE**

"The aircraft and/or component listed above was repaired & 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 Work Order No. 23680.

Signature:  BY LANE AVIATION RSDYCR407D  
JET, PISTONS, PARTS AND SERVICE Port Columbus International (CMH)  
Local: 614-237-3747 Ohio: (800) 282-6417 USA: (800) 848-6263 Fax: 614-238-0019

PAGE TOTALS

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NAME/  
SIGNATURE

LICENCE:  
AME or  
AMO/ACA

BEECH F33A N133GM s/n CE-1170 746.8 hrs tach 3454.1 Hobbs 08/03/15

Fabricate and install a new interior using the following approved materials. Fabric: G Baker Steeves toystore backgammon, passes FAR 25.853a. Vinyl on seats and side panels: G Baker Steeves eclipse dark secret, passes FAR 25.853a. Carpet: Aircraft Interior Products design accent onyx, passes FAR 25.853a. Headliner vinyl: G Baker Steeves eclipse oxford white, passes FAR 25.853a. Clean inner cabin skins and insulate with Astraperf and NexGen fiberglass that pass FAR 25.853a per Skandia work order 283069-14. Remove deteriorated tar from belly; insulate cleaned belly skin with Skandia ADC-005 lead vinyl that passes FAR 25.853a. Repair damaged floorboards and support rails. Install Cygnet direct replacement FAA-PMA duel yoke bar with new black co-pilot yoke, install original roll trim assembly, check for function with no discrepancy noted. Replace all seat and side panel foam with Skandia flame retardant urethane foam that passes FAR 25.853a. Repair composite and plastic side panels as needed. Repair and re-fit aluminum lower kick panels; fabricate and fit a new .025" 2024T-3 aluminum co-pilot forward panel that is a duplicate of the original. Fabricate new .050" 2024T-3 aluminum trim strips for lower window frames. Repair and reinforce additional cabin trim components as needed. Install the following new PMA Plane Plastics trim components: K106-530083-6 escutcheon, K106-530079-5 escutcheon, K106-530083-5 escutcheon, K58-530165-3 upper windshield and K106-530093-3 cup. Refinish cabin trim components with Dietzler acrylic lacquer and placard as original. Install Ashby #74 fiberglass glareshield that is a duplicate of the original and passes FAR 25.853a per William Coveney test report 00262; reinforce formed aft lip with .050" 2024T-3 aluminum riveted-in-place doubler; glareshield is padded with Skandia urethane foam and covered with US spirit II black vinyl and GBS black grosspoint; all foam and upholstery materials pass FAR 25.853a; glareshield installation checked for clearance with no discrepancy noted. Install BAS inertia reel shoulder harness/lap belt assemblies and related components, using Beech brackets per FAA field approval, see 337 this date. Install two inertia reel shoulder harnesses and lap belts for aft seats that were re-webbed and certified by Aviation Safety Products, per FAA form 8130-3 dated 06/04/15, WO#14142. Remove seals and glue from cabin door, baggage door and two opening windows; install four new Beech seals and adjust doors. Install Rosen RBB-300-1A sunvisor system, STC SA3598NM, see 337 this date. Remove cabin step, ship to customer for replating, reinstall. Repair damaged air conditioning outlet louvered vent. Design, fabricate components, and install two previously approved Cessna air conditioning outlet vents for upper instrument panel; check system for clearance and function with no discrepancy noted. For continued airworthiness, inspect the system for security and clearance at every annual or 100-hour inspection or whenever air conditioning ducting is removed; clean outlet nozzles with alcohol and lubricate with silicon spray annually. Install six #6 finnerman nut plates to secure air conditioning duct to floorboard. Install new scat hose for aft heat outlet and repair outlet flange. Fill oxygen tank to 500 lbs and check previously installed system for leaks with no discrepancy noted. Repair bent aft spar cover support. Fabricate a new aluminum frame for one front spar mapcase. Trim and straighten aft bulk head cover. Install Chief Aircraft AC4A9177 relief tube venturi at 177 inches, AC821-1 relief tube bracket and A-6803 relief tube horn at 69 inches; install 5/8" vinyl hose and secure to assure clearance with all critical components. Install Aircraft Security Medeco high security FAA-PMA locks on cabin door and baggage door, per Aircraft Security installation instructions and applicable service bulletins. Revise weight & balance as follows:

New empty weight	2496.54 lbs
New useful load	903.46 lbs
New EWCG	81.80 ins
New moment	204226.21 in lbs

Dennis Wolter, AP2153542IA 08/03/15  
AIR MOD, 2025 Sporty's Drive, Batavia, OH 45103

# Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACE
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							



Make: Beech  
 Model: Bonanza F33A  
 Serial No: CE-1170  
 Registration: N133GM

Date: 10/07/2015  
 Work Order: 2631  
 Tach: 753.0  
 Hour Meter: 3460.7


Removed elevators, rudder, ailerons and flaps. Chemically stripped paint from aircraft. Removed all external corrosion. Acid etched and treated aircraft skin. Applied Sherwin Williams epoxy primer and polyurethane topcoat. Flight controls checked for proper balance in A/W manufacturer's specifications. Added weight to both ailerons to bring within limits. Installed new wing and stabilizer root seals p/n's 115092 and 111722. Sealed windshield and cabin windows. Reinstalled flight controls and flaps. All work accomplished in accordance with 14 CFR Part 43. Aircraft approved for return to service with respect to the work performed.

Primers: SW CMO483660 & CMO560566  
 Base Color: SW Jet Glo Exp. Matterhorn White #00150  
 1st Stripe Color: SW Acry Glo Black Velvet #10684  
 2nd Stripe Color: SW Acry Glo Las Vegas Gold #10494

Murmer Aircraft Services  
 503 McKeever Rd. #1504  
 Arcola, TX 77583  
 FAA CRS: GG2R845K

Authorized Signature: \_\_\_\_\_

*Tom Johnson*

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Airframe Maintenance Record Entry November 2  
 N133GM Beech F33A serial CE-1170  
 Tach 719.9 Hour Meter and Total Time 3426.3

2015

**Maintenance Actions**

- 1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Bonanza Series 100 HR or Annual Inspection Checklist.
- 2) Performed operational check of ELT in accordance 14 CFR 91.207(d). Expiration date JUNE 2016. No defects noted at this time.
- 3) Performed Differential Compression Check. Results as follows: 1) 70/80, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.
- 4) Install overhauled flap motor assy pn D160-00-3 sn 1977. Unit was overhauled by George's Electrical Service, CRS NP3R718L on work order 19987 dated 16 June 2015. Adjusted limit switches. Operational check, OK.
- 5) Installed new BA-7112 Brackett induction air filter.
- 6) Changed oil, cut open filter and inspected for metal, none found. Service with 11 qts. Phillips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard.
- 7) Removed battery box, cleaned corrosion, painted and reinstalled.
- 8) Installed new landing light bulb pn 4596.
- 9) Bled brakes.

<continued>

PAGE TOTALS

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It is essential that the user/installer ensures that his/her aircraft meets the requirements of an airworthiness certificate. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, airworthiness must be established in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

- 10) Retorqued all wing bolts.
- 11) Replaced all brake pads, 8 ea 066-10500 pads.
- 12) Oxygen bottle due hydrostatic test Sept 2017 and retirement Sept 2029.

Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time. I certify this aircraft has been inspected in accordance an **ANNUAL INSPECTION** and was determined to be in an airworthy condition. END.

*R.G. Sheridan*  
 R.G. Sheridan A&P 3405340 JA

Aircraft Maintenance Record  
 Tail Number: N133GM Serial Number: CE-1170  
 TT: \_\_\_\_\_ LDG: \_\_\_\_\_  
 Work Order Number: 19170 Date: 10/7/15

**I. JPI, Red X's:**

Verified squawk. Removed defective EDM 930, P/N 790000-C-720, S/N 02805 and installed customer supplied EDM 930, P/N 790000-C-720, S/N 05270. Referenced JPI EDM-900/930 Installation manual report # 908, Rev. J, Dated 5-24-14 for ground testing and R&R of unit. While testing system with external power connected the external power connection was found to be INOP. Customer has been notified of the squawk.

The aircraft and/or component listed on this WO 19170 were repaired and inspected IAW current FAA Regulations and are approved for return to service.

Temple Electronics Co. Inc.  
 CRS XD1R608K  
 SIGNED: *[Signature]*  
 REPAIRMAN CERTIFICATE # 3124769

\*\*\*\*\*MUNCIE AVIATION COMPANY C.R.S. # AJVR135C\*\*\*\*\*

Reg. Mark	Date	Tach	Make: <u>Beech</u> Ser. No.: <u>CE-1170</u>
N133GM	11/5/2015	723.3	Model: <u>F33A</u> Reg. Mark: <u>N133GM</u>
Removed KA285 Annunciator Panel S/N 11086, repaired, bench checked good IAW Maint. Manual 006-05556-0005, and reinstalled. Removed KS290 Mode Controller S/N 10678, repaired, Bench checked good IAW Maint. Manual 006-05556-0005, and reinstalled.			The aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Pertinent details of the repair are on file at the Agency. Work Order No.: <u>A003802</u> Date: <u>11-05-2015</u>
Removed KM275 Servo mount S/N 26791, repaired, bench checked good IAW Maint Manual 006-05284-0003, and reinstalled. Removed KS271A Roll servo S/N 32312, repaired, bench checked good IAW Maint. Manual 006-05289-0002, and reinstalled. Removed and replaced A/C condenser bulb. Rerigged Trim cable at servo, replaced capstan, set cable to specs IAW KFC200 Installation Manual 006-0203-00 Rev. 4. All systems mentioned in this logbook entry ramp checks good.			Signed: <i>[Signature]</i> Inspector for MUNCIE AVIATION COMPANY C.R.S.#AJVR135C MUNCIE, IN 47303-9778 (765) 289-7141 <b>MAC</b>



**WESTERN Skyways**  
 GOLD SEAL AIRCRAFT ENGINES  
 21 Creative Pl. Montrose, CO 81401  
 (970) 249-0232 860-575-9929  
 Fax: (970) 249-4155  
 www.westernskyways.com

Date: 11/13/15  
 Tach time: 730.3  
 Total time:  
 Aircraft Model: F33A  
 #1 Engine Model: IO-520-BB  
 Engine total time:  
 #1 Prop Model:  
 Prop Total time:

Reg. Number: N133GM  
 Hobbs Time: 3437.1  
 Work Order Number: Q030061  
 Serial Number: CE-1170  
 Serial Number: 569868  
 Engine TSO:  
 Serial Number:  
 Prop TSO:

Removed air filter grill and air filter assembly. Removed left and right access panels. Removed turbocharger inlet duct and inner cooler inlet duct. Visually inspected V35-405-1 air box for delaminations and airframe interference. Tap tested air box per AC43-13 Chapter 5 section 8. No defects noted during visual inspection or tap test. Reinstalled all items removed for access. The aircraft, airframe, engine, propeller, and/or appliance identified above was repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is hereby returned to service. Pertinent details are on file at this Repair Station on above work order.

Signature: *[Signature]*  
 Repair Station Number WS9R575J

Section 1:

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Record Entry June 10, 2016

N133GM Beech F33A serial CE-1170

Tach 811.4

Cleaned air conditioner condenser and serviced air conditioner with R-134 refrigerant. Installed new MS29513-338 o-rings on left and right fuel caps.

David C Entrekin A&P 3398557

DATE	
/ /	
	DF
	HF
CARRIED FORWARD	▶

N 133GM Tach 791 Altitude 20,000

I certify that the altimeter, encoding and static system test required by FAR 91.411 and the transponder test required by 91.413 have been successfully performed this date. 4-22-16

Technician USA Work Order 01241

McCain Aviation CRS4MVR101C Primary Altimeter

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Record Entry September 19, 2016

N133GM Beech F33A serial CE-1170

Tach 880.2

Removed cabin heat exchanger. Reinstalled after welding inlet nipple on heat exchanger shroud. Installed new airconditioning compressor drive belt pn 9341. Service oxygen bottle to 2000 psi with aviator breathing oxygen. Installed new 35-910027-3 fitting, engine mount right hand rear.

David C Entrekin A&P 3398557

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Airframe Maintenance Record Entry December 9, 2016

N133GM Beech F33A serial CE-1170

Tach 911.1 Hour Meter and Total Time 3621:9

Maintenance Actions

- 1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Bonanza Series 100 HR or Annual Inspection Checklist.
- 2) Performed operational check of ELT in accordance 14 CFR 91.207(d). Installed new BP-1020 battery. Expiration date December 2018. No defects noted at this time.
- 3) Performed Differential Compression Check. Results as follows: 1) 68/80, 2) 70/80, 3) 67/80, 4) 64/80, 5) 69/80, 6) 69/80.
- 4) Installed new BA-7112 Brackett induction air filter.
- 5) Performed annual capacity check of battery, passed at 87 percent.
- 6) Drained oil. Removed filter and inspected for metal, none found. Installed new CH48109-1 filter and saftied. Service with 11 qts. Phillips X/C 20W50 and added one bottle Camguard.
- 7) Installed 12 new URHB32E spark plugs.

Oxygen bottle due hydrostatic test Sept 2017 and retirement Sept 2029.

Work performed by Charles R. Hopper, R. G. Sheridan and David C. Entrekin.

LICENCE:  
AME or  
AMO/ACA


**Airworthiness Directives**

1) AD95-04-03 Amnd. 39-9155 - wing carry through frame inspection. Performed visual and fluorescent penetrant inspection with no defects noted. Next inspection due at tach 1411.1 or 4121.9 hour meter. Treated frames after cleaning with Corrosion-X.

Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.

I certify this aircraft has been inspected in accordance an **ANNUAL INSPECTION** and was determined to be in an airworthy condition. END.

David C. Entrekin A&P/IA 3398557

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

**Airframe Maintenance Record Entry May 9, 2017**

**N133GM Beech F33A serial CE-1170**

**Tach 938.9**

Serviced air conditioning system with R-134A refrigerant. System operation normal. Repaired connection at #3 cylinder EGT probe to harness connection. EGT operation normal.

Charles R. Hopper A&P 3564582

**FEBRUARY 16, 2017 LOG BOOK ENTRY N133GM TT: 916.0 WO# 6224**

**INSTALLED:**

GARMIN SOFTWARE UPDATES TO THE FOLLOWING UNITS:

GDL 88 S/N 22V000866 S/W VERSION 3.34 GARMIN SERVICE BULLETIN NO. 1659 REV A

GNS 530 S/N 78412784 S/W VERSION 5.3 & 5.0 GARMIN SERVICE BULLETIN NO. 1317 REV B

GTN 650 S/N 128012439 S/W VERSION 6.21 SERVICE BULLETIN NO. 1656 REV A

GDU 620 S/N 165202984 S/W VERSION 7.12 GARMIN SERVICE BULLETIN NO.1664


WEIGHT AND BALANCE CHANGE NEGLIGIBLE

JOSHUA HEATH  
HEATH AVIATION  
FAA CRS# HVDR337X



# Section 1: Airframe Log

DATE	/ /
CARRIED FORWARD	▶

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

**Airframe Maintenance Record Entry January 18, 2018**  
**N133GM Beech F33A serial CE-1170**  
**Tach 1019.4 Hour Meter and Total Time 3733.4**

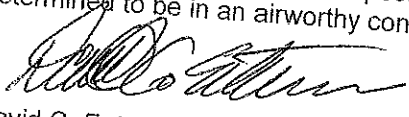
**Maintenance Actions**

- 1) Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Bonanza Series 100 HR or Annual Inspection Checklist.
  - 2) Performed operational check of ELT in accordance 14 CFR 91.207(d). Battery expiration date December 2018. No defects noted at this time.
  - 3) Performed Differential Compression Check. Results as follows: 1) 60/80, \*2) 20/80 (see item 4 below), 3) 59/80, 4) 76/80, 5) 72/80, 6) 70/80.
  - 4) \*Removed #2 cylinder. Reinstalled cylinder after overhaul by John Jewell Aircraft FAA CRS JUJR300L. Work was performed on work order J180081 dated 1-11-2018.
  - 5) Installed new BA-7112 Brackett induction air filter.
  - 6) Removed left and right brake calipers. Honed housings and reassembled with new MS28775-222 o-rings and reinstalled on aircraft with new 066-10500 brake pads. Bled brakes.
  - 7) Removed brake line from reservoir to T-fitting for optional co-pilot brakes. Replaced damaged section of line with a TSO Teflon steel braided integral fire sleeve hose and bled brakes.
  - 8) Installed new nose tire pn 072-312-0 with new 092-308-0 tube.
  - 9) Cleaned fuel nozzles and servo valve screen. Reinstalled with new seals and gaskets.
  - 10) Removed oil filter and inspected for metal, none found. Installed new CH48109-1 filter and saftied.
  - 11) Removed oxygen bottle for hydrostatic test.
  - 12) Wing tip tanks placarded inoperative pending replacement with new tip tanks.
- Work performed by Charles R. Hopper, R. G. Sheridan, Stephen Brent Duncan and David C. Entrekin.

**Airworthiness Directives**

- 1) AD95-04-03 Amnd. 39-9155 - wing carry through frame inspection. Next inspection due at tach 1411.1 or 4121.9 hour meter.

Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time.  
 I certify this aircraft has been inspected in accordance an **ANNUAL INSPECTION** and was determined to be in an airworthy condition. END.



David C. Entrekin  
 A&P/IA 3398557

PAGE TOTALS	▶								
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