

N23VV
Log Book 2



The Standard

AIRCRAFT LOG

ASA-SA-2

DATE

TIME

SERVICE

Technician or Inspector

(for specific entries.)

Nov. 2nd, 2009

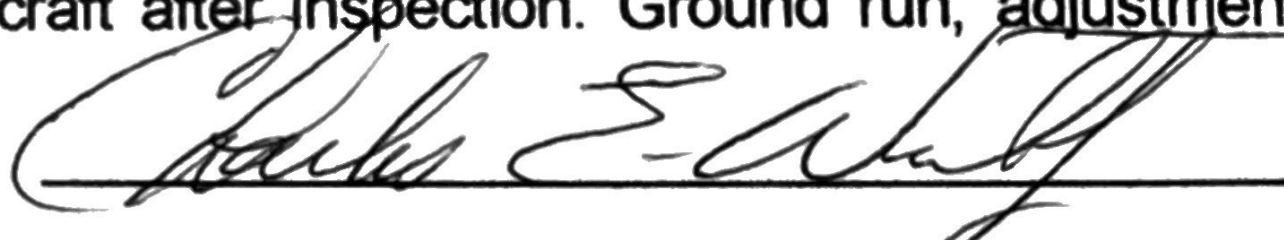
N23VV

Tach & Total Time: 1191.6

Transponder Cert Expires: 6-2011

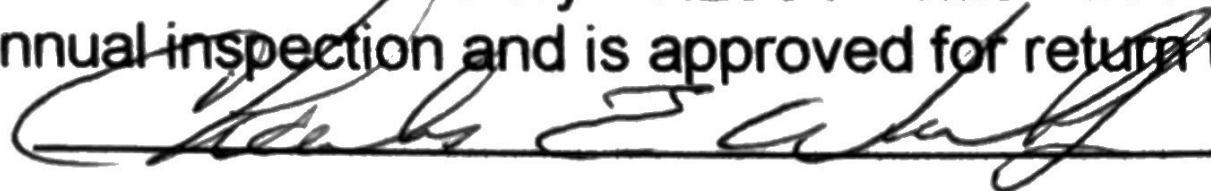
ELT Battery due: 12-2012

Opened aircraft for inspection. CW AD 76-07-12 R1 by operation of the Bendix Mag Switch. Ops were good, recurring action is due every 100 hours. Serviced shimmy damper. Lubed landing gear. Cleaned and repacked all wheel bearings. Service brakes with 5606 fluid. Replaced in-line primary instrument air filter and dry air pump in-let filter. Replaced the Brackett induction air filter element. Adjust right and left flap snubbers. Service aircraft battery, battery box and charge. Tightened all elevator hinge bolts. Replace the #5 CHT probe. Inspect ELT I/AW 91.207(d). Close aircraft after inspection. Ground run, adjustments made, Ops were normal.



2730965 A/P

11-2-09 A/C Total Time: 1191.61 certify N23VV has been inspected in accordance with an annual inspection and is approved for return to service.



AP 2730965 IA

YEAR 20 <u>10</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Feb. 3rd, 2010

N23VV

Tach: 1202.1

A/C Log

Removed the existing inoperative stall warning lift detector, part number 151-10, serial number 278021. Replaced with a new 151-10, serial number 359295. Cleaned ring terminal connections and checked for warning horn ops. Test was good.

Charles E. Wulf

2730965 A/P

08/17/10	1235.2			Removed Existing A.C. Battery Inspected Battery Box & Associated Hardware. Installed CONCORD MAINTENANCE FREE BATTERY MODEL RG 24-15 S/N 40349172. All installation in accordance w/WILCO INC. STC NO SA 00638 W1 & Installation Instructions. Form 337 Completed & Forwarded to FAA A Copy is Included in A.C. Records. A.C. Run Up Electrical System Checked OK. A & P 1306244 <i>for 12/10/10</i>

Dec. 7th, 2010

N23VV

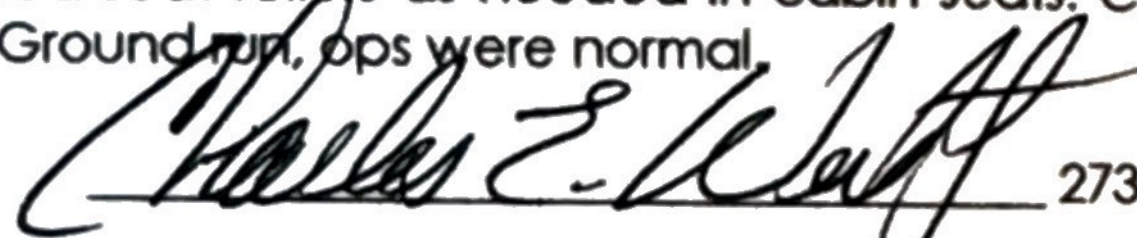
Tach: 1257.6

Aircraft Total Time: 1257.6

Transponder Cert Expires: 6-2011

ELT Battery due: 1-2013

C/W AD 2009-25-01 by inspection of the shoulder harness "D" ring attachment hardware in accordance with SB 2394. Found the correct washers in place on the right and left "D" ring assembly. No further action is required. C/W AD 76-07-12 R1 by operation of the Bendix Mag Switch in accordance with the AD text. Ops are good. Recurring action is due every 100 hours. Replaced the Bracket Induction air filter element. Replaced the in-line filter and pump in-let filter on the primary instrument pressure system. Cleaned dirt from the fuel cap O-rings and lubed with DC4. Replaced the right and left aft elevator rod ends with new parts. Checked rig of the elevators in accordance with the Beech F33A maintenance manual. Cleaned and repacked all wheel bearings. Greased landing gear. Lubed all rod ends and hinges. Serviced all fuel screens and sumped all fuel drains. Performed landing gear operation for normal and emergency ops. Adjusted loose motion out of the nose gear door actuator rod ends. Service shimmy damper. Replaced seat rollers as needed in cabin seats. Check ELT operation I/A/W 91.207(d). Close aircraft inspection ports. Ground run, ops were normal.

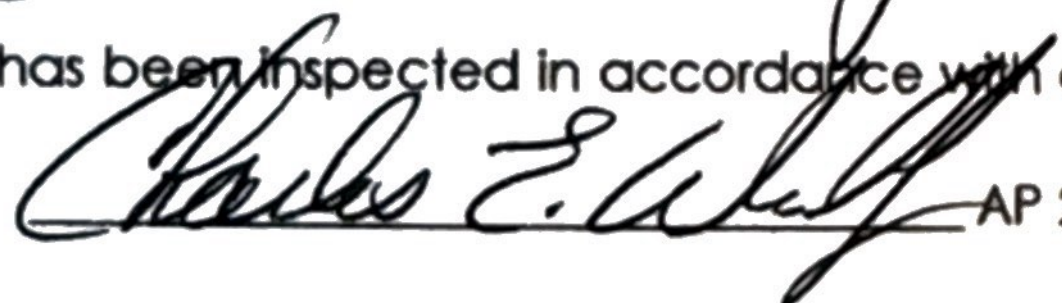


2730965 A/P

12-7-2010

A/C Total Time: 1257.6

I certify N23VV has been inspected in accordance with an Annual Inspection and is approved for return to service.



AP 2730965 IA

YEAR
20
DATE

AC MAKE: BEEHCRAFT **SPARKCHASERS** **TACH TIME:** 1314.10
AC MODEL: F33A ———Aircraft Services, Inc.——— **HOBBS:** -----
AC S/N: CE-1490 **AIRFRAME LOGBOOK ENTRY** **A/C REG. #:** N23VV

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er of
ries.)

Date: January 11, 2012

Removed, repaired and reinstalled King KT76A Transponder s/n 82835 to comply with the requirements of FAR Part 43, Appendix F. Removed Aerosonics 101720-01562 Altimeter s/n W25300H to certify FAR Part 43, Appendix E. Found excessive friction error in altimeter and could not certify. Customer elected not to have altimeter / static system certified. **AIRCRAFT ALTIMETER / STATIC SYSTEM -- VFR ONLY.** WO# 101058 on file at Sparkchasers Aircraft Services, Inc., FAA CRS# XSPR699K.

Signed *M. D. [Signature]* for
Sparkchasers Aircraft Services, Inc.
FAA CRS# XSPR699K

AC MAKE: BEEHCRAFT **SPARKCHASERS** **TACH TIME:** 1314.10
AC MODEL: F33A ———Aircraft Services, Inc.——— **HOBBS:** -----
AC S/N: CE-1490 **AIRFRAME LOGBOOK ENTRY** **A/C REG. #:** N23VV

Date: January 11, 2012

I certify the below transponder(s) has(have) been inspected and found to comply with the requirements of FAR Part 91.413 on Work Order No. 101058, dated 01/04/2012.

#1 Transponder: Make King / Bendix, Model KT-76A, S/N 82835.

Signed *M. D. [Signature]* for
Sparkchasers Aircraft Services, Inc.
FAA CRS# XSPR699K

1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 39934
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4. Organization Name and Address: Metro Aircraft Instruments, Inc. 2135 Airport Rd., Oakland County Int'l Airport, Waterford, MI. 48327-1207, 248/666-3670	CRS # JY2R943K	5. Work Order/Contract/Invoice Number: 130944 /
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6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ALTIMETER, THREE POINTER	101720-01562	N/A	1	W25300H	OVERHAULED

13. Remarks: **COMPLIES WITH FAR PART 43 APPENDIX E PARA. b TO 20,000 FT.**

Unit was Overhauled in accordance with Manual: 101720/30/35/50 Revision: ORIGINAL Revison Date: Jan 1,1983 Full details held on work order 130944 Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5112

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
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15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: <i>Richard Perry</i>	21. Approval/Certificate No.: JY2R943K
17. Name (Typed or Printed)	18. Date (m/d/y):	22. Name: (Typed or Printed) RICHARD PERRY (2653380)	23. Date (m/d/y): Feb/08/2012

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with national regulations by the user/installer before the aircraft may be flown.

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Dec. 17th, 2013

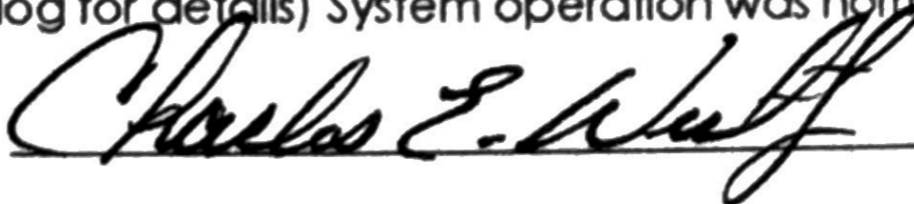
N23VV

Tach & Total Aircraft Time: 1383.4

ELT Battery due: Mar. 2015

Transponder Cert due: Jan. 2014

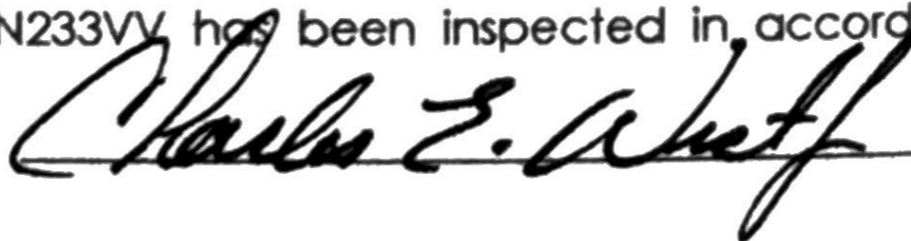
Opened the aircraft for inspection. C/W AD 76-07-12 R1 by operation of the Bendix mag switch. Ops were normal, recurring action is due every 100 hours. Cleaned all fuel screens and sumped all fuel drains. Charged the aircraft battery. Installed the spring in the bottom of the forward left side cowl latch. Replaced the primary instrument pump filters on the pressure system and tested the back-up instrument system. Replaced the Brackett induction air filter element. Washed out the nose wheel well. Greased the landing gear and lubricated all rod ends and hinges. Cleaned and repacked all wheel bearings. Tightened the bolts securing the top and middle rudder hinges. Replaced the #6 CHT probe for the Insight engine monitor. Replaced the wing strobe lamps because of cracks in the lamps and replaced the existing Whelen Strobe power supply. Inspected the ELT in accordance with 91.207(d). Replaced the ELT battery. Performed a landing gear swing for normal and emergency operation. Landing gear system operated normally. Closed the aircraft after inspection. Ground run-up done, engine fuel pressures adjusted (see engine log for details) System operation was normal.


2730965 A/P

1-17-2013

A/C Total Time: 1383.4

I certify N233VV has been inspected in accordance with an annual inspection and is approved for return to service.


AP 2730965 IA

YEAR 20 <u>13</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
02/15/13	1391.1	—	1391.1	ALTERNATOR P.N. 646843 S/N 8656 Removed & Sent to Aircraft Systems Inc For O.H. ALTERNATOR RETURNED & INSTALLED ON ENGINE W/ALL NEW ATTACHING HARDWARE & GASKET. GROUND CHECKED A.C. ELECTRICAL SYSTEM. ALL FUNCTIONS NORMAL. RETURNED A.C. to Svc. FAA FORM 8130-3 ATTACHED to this A.C. Log. Work Order on file in A.C. RECORDS. <i>Plano AEP1306244</i>
03/01/13	1395.0	—	1395.0	Inoperative ADF, HONEYWELL MODEL KR-87 REMOVED / REPLACED w/ LIKE MODEL P.N. 066-1072-00 S/N 26203 IN O.H. CONDITION. ALL FUNCTIONS CHECK'D NORMAL. FAA FORM 8130-3 CONTAINED IN A.C. RECORDS <i>Plano AEP1306244</i>
03/29/13	1399.6	—	1399.6	ABOVE UNIT REMOVED UNDER WARRANTY REPLACED w/ LIKE UNIT S/N 42746 ALL FUNC TIONS CHK NORMAL, 8130-3 IN A.C. RECORDS

C/O
 TCM
 \$B1113
 DRIVE
 Check &
 OVERHAUL
 SEE 8130-3

YEAI

20

DATE

01 March 2014 N23VV Beechcraft Model: F33A S/N: CE-1490

Tachometer Hours: 1442.0 Aircraft Total Time: 1442.0

Engine: TCM Model : IO-520-BB S/N: 578631 TIS: 1442.0

Propeller: McCauley Model: 3A32C406-C S/N 900616 TIS: 1442.0 SOH: 867.4

Inspected aircraft, engine and propeller I/A/W FAR 43 App. D. Lubricated engine controls, aircraft pulleys, bellcranks and rod ends. Jacked aircraft, Inspected and lubricated landing gear system and performed normal and emergency retraction and extension inspections. Replaced nose tire with Michelin 500-5/6. Rotated MLG tires. Removed ELT and inspected I/A/W FAR 91.207 (d) (1-4). (next ELT Battery replacement due March 2015). Removed and reinstalled tachometer after repair/recalibration (Keystone Instruments CRS#BX1R050K WO#14-74-2). Installed Shadin Fuel Flow Transducer i/a/w STC SE443GL. Removed Insight Graphic Engine Monitor System. Installed new J.P. Instruments EDM700-6C Engine Monitoring System i/a/w STC SA2586NM. Installed J.P. Instruments Fuel Flow Option i/a/w STC SA00432SA. Removed and Installed all new Airframe to Engine Flexible hoses. Removed and installed all new engine Flexible Fuel Hoses. Removed KMA-24 Audio Panel and Telex ICS. Installed Garmin 340 Audio Panel (Minor Alteration). Installed new Brackett Air Filter Element P/N BA7112. C/W AD 2007-08-04 Prop Blade Inspection (recurring AD next due @ 1542.0 or next Annual Inspection). C/W AD 76-07-12 R1 Bendix Mag Switch (recurring next due @ 1542.0). AD's checked through 2014-04 for applicability.

I certify that this aircraft was inspected in accordance with an Annual Inspection and was found in airworthy condition.



Rick A. Hill A&P2796123/IA

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number:	
4. Organization Name and Address: Pressure Technologies and Avionics, Inc., 2807 Benjamin, Wichita, KS 67204 (PGWR692K)					5. Work Order/Contract/Invoice Number: 13630		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	Airspeed	EA5172	1	T21345	overhaul		
12. Remarks: <i>Cleaned + Cal Ft to mfg speed</i>							
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulations specified in Block 12 Certified that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certification No.:	
				<i>Terry Alderdice</i>		PGWR692K	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
				TERRY ALDERDICE		<i>June 5, 2014</i>	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.							
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensure that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.							
Statements in Blocks 13a and 14a do not constitute certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

YEAR
20 _____
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, I
Entries must be endorsed with Name, Rating,
Technician or Repair Facility. (See back page)

TRANSPONDER / ALTITUDE ENCODER

In accordance with the requirements of FAR 91.413 the ATC Transponder(s) have been tested and inspected and found to comply with Appendix F of Part 43 and the Federal Aviation Regulations.

1 KING KT76A 82835
Make Model S/N

2 _____
Make Model S/N

The integrated altitude data correspondence system(s) have been tested, inspected and found to comply with Paragraph (c), Appendix E of the Federal Aviation Regulations.

1 SANDIA STER-35 XXXX
Make Model S/N

2 _____
Make Model S/N

WO#: 14052 By: [Signature] Date: 6-9-14

Airwork Avionics
131 Liberator Lane

Indiana County Airport

HG1R191K
Indiana, PA 15701

01 November 2014 N23VV Beech Model: F33A S/N: CE-1490
Tachometer Hours: 1450.8 Aircraft Total Time: 1450.8

Engine: CMI Model: IO-520-BB S/N: 1010769 TIS: 0.0
Propeller: McCauley Model: 3A32C406-C S/N 900616 TIS: 1450.8 SOH: 876.2

Removed Engine S/N 578631 for replacement. Installed CMI Factory Rebuilt IO-520-BB (Spec 64B) S/N 1010769 using new Engine Mounts, Bolts, Nuts and hardware as required. Reinstalled the following continued in time accessories : Vacuum Pump (569.6 TIS), Alternator (59.7 SOH), Overhauled Governor P/N C290D3G/T23 S/N 880796 (See 8130 Dated 08/19/2014 0.0 SOH), Exhaust, Tanis Engine Heater System, JP Instruments Probes and Harness, Shadin Fuel Flow Transducer and associated hardware. Installed D'Shannon Aviation Cooling Air Baffles I/A/W STC # SA368CH.

Inspected aircraft, engine and propeller I/A/W FAR 43 App. D. Lubricated engine controls, aircraft pulleys, bellcranks and rod ends. Jacked aircraft, Inspected and lubricated landing gear system and performed normal and emergency retraction and extension inspections. Removed Brackett Intake Air Filter Assembly. Installed New Donaldson P10-5304 Dry Air Intake Filter. Removed and Reinstalled Propeller after inspection and reseal (see Propeller Log for details) Removed ELT and inspected I/A/W FAR 91.207 (d) (1-4). (next ELT Battery replacement due March 2015). C/W AD 2007-08-04 Prop Blade Inspection (recurring AD next due @ 1550.8 or next Annual Inspection). C/W AD 76-07-12 R1 Bendix Mag Switch (recurring next due @ 1550.8). AD's checked through 2014-22 for applicability.

I certify that this aircraft was inspected in accordance with an Annual Inspection and was found in airworthy condition.

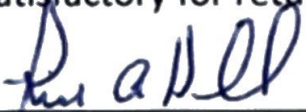


Rick A. Hill A&P2796123/IA

YEAR 20	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of</small>
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14 March 2015 N23VV AC Tach: 1471.5

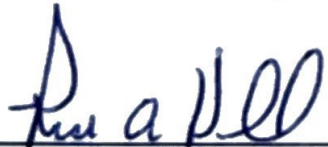
Remove Aircraft Battery. Installed new Concord RG24-15 Battery SN 40649675. Ground operational check Satisfactory for return to service.



Rick A Hill, A&P2796123

26 March 2015 N23VV A/C Tach: 1474.0

Removed Starter. Installed new TCM Energizer Starter P/N 646275-1 S/N H-Q-031529. Removed Dry Air Pump. Installed new Tempest Model AA3216CW S/N 07F823. Removed ELT. Installed new Artex ELT Battery P/N 452-0130. Reinstalled ELT and tested. **Next ELT Battery Replacement Due May 2017.** Ground operational checks satisfactory for return to service.



Rick A Hill, A&P2796123

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

01 January 2016 N23VV Beech Model: F33A S/N: CE-1490
Tachometer Hours: 1531.2 Aircraft Total Time: 1531.2

Engine: CMI Model : IO-520-BB S/N: 1010769 TIS: 80.4
 Propeller: McCauley Model: 3A32C406-C S/N 900616 TIS: 1531.2 SOH: 956.6

Inspected aircraft, engine and propeller I/A/W FAR 43 App. D. Lubricated engine controls, aircraft pulleys, bellcranks and rod ends. Jacked aircraft, Inspected and lubricated landing gear system and performed normal and emergency retraction and extension inspections. Replaced all primary and stand-by pneumatic system filters. Removed Turn Coordinator. Installed New EGC Turn Coordinator P/N 1394T100-7Z S/N D13-10921. Removed ELT and inspected I/A/W FAR 91.207 (d) (1-4). (next ELT Battery replacement due May 2017). C/W AD 2007-08-04 Prop Blade Inspection (recurring AD next due @ 1631.2 or next Annual Inspection). C/W AD 76-07-12 R1 Bendix Mag Switch (recurring next due @ 1631.2). AD's checked through 2015-26 for applicability.

I certify that this aircraft was inspected in accordance with an Annual Inspection and was found in airworthy condition.


 Rick A. Hill A&P2796123/IA

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7/18/2016

N#: 23VV

S/N: CE1490

Tach: 1553.7

Remove KR 87 ADF and KT 76A Transponder. Install Garmin GTX 345 Transponder, Garmin Flight Stream 210 and RC Allen 2600-3.

GTX 345 installed in accordance with;

- Garmin AML STC Installation Manual P/N: 190-00734-10, Revision 5, dated February 2016
- STC SA01714WI
- FAA Approved Flight Manual Supplement P/N: 190-00734-15, Revision 2, March 8, 2016.

Flight Stream 210 installed in accordance with Garmin Installation Manual P/N: 190-01700-00, Revision E, dated December 2015. All installed avionics are protected by circuit breakers of a type recommended by the manufacturer. RCA 2600-3 and a TA 102 installed as a minor alteration. Weight and Balance and Equipment List revised. Upgraded SW of GNS 530W to 5.3

Airwork Avionics
131 Liberator Lane
Indiana, PA 15701
HG1R191K

A handwritten signature in black ink, consisting of a stylized, cursive script that is difficult to decipher. The signature is written over a horizontal line that extends to the right.

TRANSPONDER / ALTITUDE ENCODER

In accordance with the requirements of FAR 91.413 the ATC Transponder(s) have been tested and inspected and found to comply with Appendix F of Part 43 and the Federal Aviation Regulations

1 GARMIN GTA345 3EG000632
 Make Model S/N
 2 _____
 Make Model S/N

The integrated altitude data correspondence system(s) have been tested, inspected and found to comply with Paragraph (c), Appendix E of the Federal Aviation Regulations.

1 SANDIA SAE5-35 87109
 Make Model S/N
 2 _____
 Make Model S/N

WO#: 16042 By: [Signature] Date: 7-18-16

Airwork Avionics
 131 Liberator Lane
 Indiana County Airport
 HG1R191K
 Indiana, PA 15701

ALTIMETER / STATIC SYSTEM

In accordance with the requirements of FAR 91.411 the following system(s) and/or Instruments have been tested and inspected and found to comply with the Appendices E and F of Part 43 and the Federal Aviation Regulations.

Static Pressure System(s) Test Date Left 7-18-16 Right _____

ALTIMETER(S)
 Left AEROSONIC 10172001562 W25300H 2010 ft
 Make Model S/N Test to
 Right _____ ft
 Make Model S/N Test to

AUTOMATIC PRESSURE ALTITUDE-REPORT SYSTEMS
 Left SANDIA SAE5-35 87109 2010 ft
 Make Model S/N Test to
 Right _____ ft
 Make Model S/N Test to

Airwork Avionics
 131 Liberator Lane
 Indiana County Airport
 HG1R191K
 Indiana, PA 15701

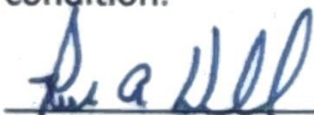
YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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01 February 2017 N23VV Beech Model: F33A S/N: CE-1490
Tachometer Hours: 1582.2 Aircraft Total Time: 1582.2

Engine: CMI Model : IO-520-BB S/N: 1010769 TIS: 131.4
 Propeller: McCauley Model: 3A32C406-C S/N 900616 TIS: 1582.2 SOH: 1007.6

Inspected aircraft, engine and propeller I/A/W FAR 43 App. D. Lubricated engine controls, aircraft pulleys, bellcranks and rod ends. Jacked aircraft, Inspected and lubricated landing gear system and performed normal and emergency retraction and extension inspections. Removed, Rotated MLG & NLG Tires and Repacked all Wheel Bearings. Remove Alternator Inop Sensor and Installed new Alternator Inop Sensor Lamar P/N A-00258-2. Removed ELT and inspected I/A/W FAR 91.207 (d) (1-4). (next ELT Battery replacement due May 2017). C/W AD 2007-08-04 Prop Blade Inspection (recurring AD next due @ 1631.2 or next Annual Inspection). C/W AD 76-07-12 R1 Bendix Mag Switch (recurring next due @ 1631.2). AD's checked through 2017-02 for applicability.

I certify that this aircraft was inspected in accordance with an Annual Inspection and was found in airworthy condition.



Rick A. Hill A&P2796123/IA

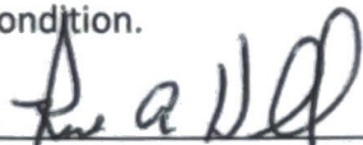
YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

15 April 2018 N23VV Beech Model: F33A S/N: CE-1490
Tachometer Hours: 1632.3 Aircraft Total Time: 1632.3

Engine: CMI Model: IO-520-BB S/N: 1010769 TIS: 181.5
 Propeller: McCauley Model: 3A32C406-C S/N 900616 TIS: 1632.3 SOH: 1057.7

Inspected aircraft, engine and propeller I/A/W FAR 43 App. D. Inspected and Lubricated engine controls, aircraft pulleys, bellcranks and rod ends. Jacked aircraft, Inspected and lubricated landing gear system and performed normal and emergency retraction and extension inspections. Installed new Concord RG24-16 Aircraft Battery. ~~Removed~~ re-installed ELT and inspected I/A/W FAR 91.207 (d) (1-4) ~~removed~~ re-installed ELT (next ELT Battery replacement due February 2020). C/W AD 2007-08-04 Prop Blade Inspection (recurring AD next due @ 1732.3 or next Annual Inspection). C/W AD 76-07-12 R1 Bendix Mag Switch (recurring next due @ 1732.3). AD's checked through 2018-10 for applicability.

I certify that this aircraft was inspected in accordance with an Annual Inspection and was found in airworthy condition.



Rick A. Hill A&P2796123/IA

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YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Skymark Avionics LLC

PO Box 188
Homer WV 26372

Registration	Manufacturer	Model	Serial Number	Time
N23VV	BEECH	F33A	CE1490	1660.5

I certify that the altimeter and static systems required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Altimeter Model 10172001562 Serial No. W25300H
 Transponder Model GTX 345 Serial No. 3EG000632

The Altimeter was tested to 20,000 feet.
 The Encoder data correspondence was tested to 20,000 feet.
 Static system leak checked I/A/W FAR 23.1325 38 ft/min.

Maintenance Release

The Aircraft and/or component(s) listed above has been inspected and/or repaired and has been found airworthy for return to service.
 Details on file at Skymark Avionics LLC under work order number 19003.

Date: January 23, 2019 Authorized Signature: *Jonathan P. McDaniel* CRS Y6KR128B


YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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20 June 2019 N23VV Beech Model: F33A S/N: CE-1490
Tachometer Hours: 1664.9 Aircraft Total Time: 1664.9

Engine: CMI Model : IO-520-BB S/N: 1010769 TIS: 214.1
 Propeller: McCauley Model: 3A32C406-C S/N 900616 TIS: 1664.9 SOH: 1090.3

Inspected aircraft, engine and propeller I/A/W FAR 43 App. D. Inspected and Lubricated engine controls, aircraft pulleys, bellcranks and rod ends. Jacked aircraft, Inspected and lubricated landing gear system and performed normal and emergency retraction and extension inspections. Adjusted LDG Gear Horn Activation Control Actuator on Throttle Linkage i/a/w Beech SB No. 2330. Rotated MLG Tires and Installed new Michelin Airstop Tubes P/N 092-318-0. Resealed R&L Brake Calipers with new MS-28775-222 O-rings. Serviced Shimmy Damper with Mil-5606 oil. Removed Stormscope Processor. Installed Serviceable Processor P/N 78-8051-9610-4 S/N FXP05401695 (See 8130-3). Removed ELT and inspected I/A/W FAR 91.207 (d) (1-4) (next ELT Battery replacement due February 2020). C/W AD 2007-08-04 Prop Blade Inspection (recurring AD next due @ 1732.3 or next Annual Inspection). C/W AD 76-07-12 R1 Bendix Mag Switch (recurring next due @ 1764.9). AD's checked through 2019-12 for applicability.

I certify that this aircraft was inspected in accordance with an Annual Inspection and was found in airworthy condition.


 Rick A. Hill A&P2796123/IA

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YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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03 August 2020 N23VV Beech Model: F33A S/N: CE-1490
Tachometer Hours: 1708.9 Aircraft Total Time: 1708.9

Engine: CMI Model : IO-520-BB S/N: 1010769 TIS: 258.1
 Propeller: McCauley Model: 3A32C406-C S/N 900616 TIS: 1708.9 SOH: 1034.3

Inspected aircraft, engine and propeller I/A/W FAR 43 App. D. Inspected and Lubricated engine controls, aircraft pulleys, bellcranks and rod ends. Jacked aircraft, Inspected and lubricated landing gear system and performed normal and emergency retraction and extension inspections. Adjusted Nose lock down Tension to 65# Down and 28# up. MLG up lock roller Clearances Left 0.020 Right 0.012. Removed and Replaced R/H Muffler/Heat exchanger with new Aerospace Welding Model A701-19 (FAA-PMA'd) Assembly. Removed ELT and inspected I/A/W FAR 91.207 (d) (1-4) Replaced Battery Pack P/N 452-0130 (next ELT Battery replacement due February 2021). C/W AD 2007-08-04 Prop Blade Inspection (recurring AD next due @ 1808.9 or next Annual Inspection). C/W AD 76-07-12 R1 Bendix Mag Switch (recurring next due @ 1809.9). AD19-23-10 N/A by Aircraft S/N. AD's checked through 2020-14 for applicability.

I certify that this aircraft was inspected in accordance with an Annual Inspection and was found in airworthy condition.



Rick A. Hill A&P2796123/IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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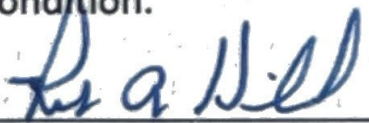
01 August 2021 N23VV Beech Model: F33A S/N: CE-1490

Tachometer Hours: 1740.3 Aircraft Total Time: 1740.3

Engine: CMI Model : IO-520-BB S/N: 1010769 TIS: 289.5
 Propeller: McCauley Model: 3A32C406-C S/N 900616 TIS: 1740.3 SOH: 1065.7

Inspected aircraft, engine and propeller I/A/W FAR 43 App. D. Inspected and Lubricated engine controls, aircraft pulleys, bellcranks and rod ends. Jacked aircraft, Inspected and lubricated landing gear system and performed normal and emergency retraction and extension inspections. Adjusted left MLG up lock roller Clearance to 0.10. Right ULRC @ 0.12. Removed ELT and inspected I/A/W FAR 91.207 (d) (1-4) Replaced Battery Pack P/N 452-0130 (next ELT Battery replacement due March 2024). Removed Incandescent landing and taxi lights. Installed Whelen Model P36P2L LED Landing Light and Model P36P2T LED Taxi light (FAA-PMA'd Replacements). Replaced R & L nose landing gear door ground straps. Installed new Tempest AA10-5304 Synthetic Media (non paper) Engine Air Filter. Installed all new Pnuematic air filters. C/W AD 2007-08-04 Prop Blade Inspection (recurring AD next due @ 1840.3 or next Annual Inspection). C/W AD 76-07-12 R1 Bendix Mag Switch (recurring next due @ 1840.3). AD20-19-06 N/A by McCauley ASB273C. AD's checked through 2021-15 for applicability.

I certify that this aircraft was inspected in accordance with an Annual Inspection and was found in airworthy condition.


 Rick A. Hill A&P2796123/IA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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651 Airport Rd Belle Vernon, PA 15012

September 2, 2022 N23VV S/N - CE-1490 TT - 1772.8 hrs Tach - 1772.8 hrs

Replaced yoke with single throw-over Beech yoke. Replaced main and standby pressure pump intake filters P/N RAD9-14-5, and discharge filters P/N RA2J4-7. Removed, resealed, and reinstalled pilot's LT master cylinder. Bled brakes. Replaced nose wheel bearings and races. Tightened inboard gear door linkage connections at transmission. Replaced LT and RT uplock boots. Performed an operational check of the landing gear system and checked rigging. Performed gear emergency extension and lubricated landing gear. All adjustments made in accordance with Beech Bonanza Maintenance Manual 36-590001-9A27. Checked operation of engine and flight controls, ground ops check good. ELT has been inspected IAW FAR 91.207 requirements for:

- 50% or more of its battery useful time remaining.
- Battery for corrosion and expiration date.
- Proper installation and operation of controls and crash sensor.
- Presence of sufficient signal radiated from its antenna.
- Battery expiration Date 3/2024

Pitot/static + Transponder check due 7/2023

Completed annual inspection IAW Beech Bonanza inspection guide in Beech Bonanza Maintenance Manual 36-590001-9A27. See AD section of log book for AD status and recurring inspection times. I certify that this aircraft has been inspected in accordance with the requirements of the annual inspection, and was determined to be in an airworthy condition.

Robert Galet, A&P 3408288 IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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wo: AVI23-00115

Airframe · page 1 of 1



Aircraft Specialists, Inc. · 6005 Propeller Lane · Sellersburg, Indiana 47172 · 812-246-4696 Ext. 705 · CRS#: PZ4R458M

N23VV
TACH: 1798.3

BEECH, F33A, S/N: CE1490

November 14, 2023

- 1. Comply with 14 CFR Part §91.411 & §91.413** – The biennial test and inspection required by 14 CFR Part §91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with 14 CFR Part §43 Appendix E. All systems have been tested to 20,000 feet. The biennial test and inspection required by 14 CFR Part §91.413 on the ATC transponder(s) have been performed and found to comply with 14 CFR Part §43 appendix F.
 - Altimeter/ADC (1) P/N: 58-380069-1 (101720-01562) S/N: W25300H
 - Date Altimeters/ADCs Tested: 11/14/2023
 - Transponder (1) P/N: 011-03302-00 S/N: 3EG000632.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Aircraft Specialists, Inc. under work order: AVI23-00115.

Denny Goodman FAA CRS PZ4R458M

wo: AVI23-00115



AIRCRAFT
SPECIALISTS
[MAINTENANCE & AVIONICS]

Airframe · page 1 of 1

Aircraft Specialists, Inc. · 6005 Propeller Lane · Sellersburg, Indiana 47172 · 812-246-4696 Ext. 705 · CRS#: PZ4R458M

N23VV
TACH: 1798.3

BEECH, F33A, S/N: CE1490

December 18, 2023

- 2. Owner reports KFC150 Autopilot Vertical modes not operating properly** – Removed rear access panel to access Bendix King KS270 Pitch Servo and set up servo test cable. Monitored voltages and found the voltages out of specification. Accessed Lefthand Firewall Access Panel. Removed KG102 Directional Gyro for access. Removed KC192 Flight Computer PN: 065-0042-03 SN: 51747 and removed KS270 Pitch Servo, PN: 065-0027-04 SN: 8553 for evaluation at Fieldtech Avionics. Installed OVERHAULED KS270 Pitch Servo PN: 065-0027-04 SN: 9707 (See FAA Form 8130-3, Fieldtech Avionics and Instruments, Inc., dated 15/DEC/2023, Form Tracking Number: 244084) and REPAIRED KC192 Flight Computer PN: 065-0042-03 SN: 51747 (See FAA Form 8130-3, Fieldtech Avionics and Instruments, Inc., dated 14/DEC/2023, Form Tracking Number: 243372). Reinstalled KG102 and closed all accessed areas. Operational test checks good in accordance with Bendix King KFC150 Flight Control System Installation Manual.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Aircraft Specialists, Inc. under work order: AVI23-00115.

Denny Goodman FAA CRS PZ4R458M

A handwritten signature in black ink that reads 'Denny Goodman'.

Flightcare
3145 N, 100 West
Shelbyville IN 46176
317.392.1408

TACH: 1817	TTAF: 1817	ANN: 11/2025
Date: 11-19-2024	ELT : 07/2027	RCPI: n/a
		IFR: 11/2025

inspected aircraft in accordance with annual inspection form and Beech inspection form. removed all panels. inspected and lubed all controls. serviced tires, battery, and brake resevoir. lubricated landing gear. serviced all struts with H5606 and nitrogen. inspected landing gear and retraction system in accordance with Beech manual and ABS landing gear inspection and repair guide. replaced tube in nose tire with new. removed all brake flex hoses at pedals and at main landing gear. fabricated hoses using serviceable 491-4 fittings and new 303-4 hose. installed 8 new hoses for brakes at pedals (2) 111417-4s-0090, (4) 11471-4s-0107, and (2) 13003-4s-0130 from A.E.R.O under wo# H54281-1. replaced seals in all brake master cylinders. bled and serviced brake system.

replaced landing gear motor with overhauled 58-380090-1, serial # 5334 from Aircraft Access. International under wo # 26810. replaced oil pressure gage line from firewall to gage with new 124001-3cr-0320 using all original mounting locations. removed elt, opened and inspected in accordance with 91.207(d). replaced elt battery with new. checked all ad's. ad# 2024-14-03 (GFC 55 is n/a... not installed). see complete ad lists in AD section of this binder. c/w beech service comm 313R1 (flaps by visual and boroscope inspections. c/w Beech service com #322 (control cables) by insp. ok. c/w Beech safety comm 328, 324, and 298. c/w textron SE-P-004 (rudder pedal brackets (no cracks at this time). C/W the following ICA inspections: LED lighting, GNS5, PMA8000, Rosen visors, EDM 700, and GTX3. no discrepancies at this time. ran and checked operation. ok. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



D.P.Catherman IA 2877957

Flightcare
3145 N, 100 West
Shelbyville IN 46176
317.392.1408

TACH: 1824 TTAF: 1824 ANN: 12/2026
Date: 12-09-2025 ELT : 07/2027 RCPI: n/a IFR: _____

inspected aircraft in accordance with annual inspection form and Beech inspection form. removed all panels. inspected and lubed all controls. serviced tires, battery, and brake reservoir. lubricated landing gear. checked all wheel bearings. inspected landing gear and retraction system in accordance with Beech manual and ABS landing gear inspection and repair guide. adjusted all down tensions. adjusted MLG uplock clearances. all work done per maintenance manual and ABS landing gear guide. replaced main instrument pump inlet filter with new. removed elt, opened, replaced battery, and inspected in accordance with 91.207(d). checked all ad's. see complete ad lists in AD folder. c/w beech service comm 313R1 (flaps by visual and boroscope inspections. c/w Beech service com

#322 (control cables) by insp. ok. c/w Beech safety comm 328, 324, and 298. c/w textron SE-P-004 (rudder pedal brackets (no cracks at this time). C/W the following ICA inspections: LED lighting, GTX3, GNS5, Rosen visors, EDM 700, PMA 8000, and RCA 2600. no discrepancies at this time. ran and checked operation. ok. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


D.P.Catherman IA 2877957