9.95

The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer Beech **Model** F-33A

Serial CE-431 **Registration Number** N1070W

Date of Manufacture 4-2-73

Engine(s) currently installed:

Manufacturer _____ **Model** 10-520 BB10B **Serial** 580100

Manufacturer _____ **Model** _____ **Serial** _____

Propeller(s) currently installed:

Manufacturer McCauley **Model** 3A32C76-5-MR/S-82NB-2

HUB Model _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

Woodward GOVERNOR C210432T S/N 699719

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Notes

ENGINE OVH 1700 HR OR 12 YEARS
PROPELLER OVH 1500 HR OR 5 YEARS
GOVNOR OVH 1700 HR OR 6 YEARS & IF FLOWN
MORE THEN 120 HOURS A YEAR TBO IS 12 YEARS

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

8/28/00 N1070W Beechcraft F-33A Bonanza S/N CE431
Tac 3740 TTAF 3740

C/W AD 95-04-03 (wing front spar inspection) by visually inspecting front spar for cracks, and using the dye penetrate process. All work done IAW Beech SB # 2360

Brady Klocker
A&P 503040512 Brady Klocker

8/31/00 N1070W Beechcraft F-33A Bonanza S/N CE 431
Tac 3742.8 AFTT 3742.8

Removed and replaced Tachometer with tac from Elliott Aviation model # 98480-25 P/N D1-112-5025 S/N 11684. Old tac reads 3742.8 new tac reads 0. Ops check ok.

Brady Klocker
A&P 503040512 Brady Klocker

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DA

19

Iterations
Number of
ific entries.)

8/31/00 N1070W Beechcraft F-33A Bonanza S/N CE 431
Tac O AFTT 3742.8

Installed fuel selecter repair kit from: Raytheon Aircraft Company P/N 36-5006-1 S S/N 1761
Installed IAW Raytheon kit installation instructions. Ops check ok.

Ron Kasuske
A&P 503465964 Ron Kasuske

3-5-01 N1070W Beechcraft F-33A Bonanza S/N CE431
Tac 38 TTAF 3781

C/W AD 72-22-01 by lubricating gear up-lock roller- no defects noted next due tach time 88

Ron Kasuske
A&P 503465964 Ron Kasuske

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DATE

19___

7-11-01 N1070W Beech Bonanza Model F-33A S/N CE-431 Tach 60 TTAF 3803
Performed an Annual inspection of Aircraft IAW F-33A Maintenance Manual. C/W AD 72-22-01 Uplock roller lube next due 3903, C/W AD 76-07-12 mag ops check next due 3908. Installed new ELT Battery P/N BP 1026. Ops checked ELT IAW FAR 91.207(d) no defects noted. Installed New Strobe, Grimes P/N 30-0531-1. Ops check ok. Also installed new Cleveland brake cylinder on LH main. Leak check ok. Installed new Narco Avionics Transponder Antenna.

I certify that this Aircraft has been inspected IAW an Annual inspection and was determined to be in a airworthy condition.

Ron Kasuske
A&P 503465964IA

8-15-02 N1070W Beech Bonanza Model F-33A S/N CE-431 Tach 105 TTAF 3848Performed an Annual inspection of Aircraft IAW F-33A Maintenance Manual. C/W AD 72-22-01 Uplock roller lube next due 3948 C/W AD 76-07-12 mag ops check next due 3948 Battery P/N BP 1026.Due 7/11/03 Ops checked ELT IAW FAR 91.207(d) no defects noted. Installed recap tire 700by 6 8 ply 0n right side 13889 bearing and 13836 on right side 066-10500 brake pads on both wheels ,rebuilt caliper on right side O-Rings MS28775-222, New brake disc on left side P/N164-02504

I certify that this Aircraft has been inspected IAW an Annual inspection and was determined to be in a airworthy condition.

Ron Kasuske
A&P 503465964IA

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February 7, 2004
Beechcraft Bonanza N1070W Model F-33A S/N CE-431 Tac time = 160.1
AFTT = 3903.1

Performed annual inspection IAW Bonanza 33 Shop Manual P/N 33-590011-1 dated 5-22-89 using 100-hr inspection guide.
AD 93-24-03, rudder fwd spar insp next due TTAF 4216
AD 95-04-03, Wing front spar insp next due TTAF 4240
AD 01-23-10, Flap flex shaft, not applicable by maintenance history. Shaft not replaced within applicable time.
C/W AD 84-2-02 by removing and replacing induction air filter P/N P10-5304. Next due TTAF 4403
C/W AD 76-07-12 by performing grounding ck on ignition sw. Ops ck ok. Next due at TTAF 4003
Removed and replaced MLG wheel bearings Timken P/N 08125-20629 and 08231-20629. Removed and replaced brake upper and lower hoses in both wheel wells P/N 033 350-4-0120 (2 ea) and 033 350-4-0160 (2ea).

Removed and replaced ELT battery P/N BP-1026. Inspected and tested ELT IAW FAR 91.207d. Next battery replacement due _November 2005____.

Removed and replaced broken radio and inst light dimmer. Repaired RH nav light. Repaired taxi light wiring in nose wheel well. Installed seals on landing light housing. Removed stall switch for repair and reinstalled. Flight test of stall warning system ok. Serviced NLG nose strut with hydraulic fluid and nitrogen. Bled Brakes. Removed and replaced air pump inlet and outlet filters P/N D9-14-5 and 2J4-7. Removed and replaced taxi light circuit breaker switch P/N 35-380132-47. Removed and replaced both latch links on LH cowl P/N 002-910010-13 and 002-910010-9. Tightened NLG door rod ends. Removed and replaced broken prop control knob button P/N 35-944035-1.

Balanced propeller. Removed old prop balance weights and installed the following hardware on the spinner bulkhead to achieve balance condition IAW ACES Systems Guide to Propeller Balancing, publication # 1000-OM-01 Revision 2.0 dated June 1996: AN970-3 washers, MS 27039-1-16 screw, and AN 365 nut. See FAA Form 337.

I certify that this aircraft has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Greg Klein, IA 2698386

19_____	RECORDING TACH TIME	TODAYS 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.)

Avionics of
MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION [redacted]

N1070W **DATE: 10/14/2004** **TACH: 166.1**

Removed encoding altimeter p/n 99251-3252013-1201 s/n 4091230 and shipped to JDC Company for repair, reinstalled repaired unit into aircraft upon return. Removed and repaired transponder KT76 s/n 7029. See 8130-3 forms for repair details of both the transponder and encoding altimeter. I certify that the static system, transponder, and altitude reporter tests required by FARs 91.411, 91.413, and 91.217 have been performed and found to be within limits of FAR 43 appendices E & F. Altimeter certified by JDC Company.

Altimeter model number:	99251-3252013-1201	S/N 4091230
Transponder model number:	KT76	S/N 7029
Altitude reporter model:	99251-3252013-1201	S/N 4091230

Avionics of Modern Aero, Inc Eden Prairie, MN 55347
CRS05VR353Y W/O# 3609

Frank Nook

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DATE 19_____ | RECO TACH TIME | Alterations te Number of pecific entries.)

Avionics of
MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION [redacted]

N1070W DATE: 10/14/2004 TACH: 166.1

Placarded instrument panel "ADF INOP" secured ADF circuit breaker in the out position.

Avionics of Modern Aero, Inc Eden Prairie, MN 55347

CRS 05VR 353Y W/O# 3609

Frank Nook

Frank Nook

MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L

N1070W DATE: 11/5/04 TACH: 166.1

INSTALLED ROSEN SUN VISORS P/N RBB-300-1A PER STC SA3598NM AND INSTALLATION DRAWINGS RBB-400 REV A. NO CHANGE TO AIRCRAFT WEIGHT AND BALANCE. COMPLETED 337 FORM. INSTALLED SERVICEABLE TRIM TAB ON LEFT ELEVATOR. BALANCED LEFT ELEVATOR AND REINSTALLED. WEIGHED AIRCRAFT AND CALCULATED NEW WEIGHT AND BALANCE. EMPTY WEIGHT 2297.0. REFERENCE MODERN AERO W/O# 32881.

JON RUTOSKI Jon Rutoski

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alteratic** Entries must be endorsed with Name, Rating and Certificate Number c Technician or Repair Facility. (*See* back pages for other specific entrie

MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L

N1070W DATE: 12/15/04 TACH: 166.1

REMOVED ELECTRIC FUEL BOOST PUMP FOR OVERHAUL. REINSTALLED ORIGINAL BOOST PUMP SN 3266 AFTER OVERHAUL(SEE APPROVED ACFT ACCESSORIES WO A55,234/2480). REVISED EQUIPMENT LIST. REFERENCE MODERN AERO W/O# 33041.

JON RUTOSKI Jon Rutoski

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DATE 19_____	RECORDING TACH TIME			

AVIONICS OF MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

N1070W **DATE: 07/25/2005** **TACH: 166.2**

Replaced KX170A #1 Nav/Com with serviceable KX170B s/n 36683. Ramp tested and found satisfactory. Weight and balance change negligible.

Avionics of Modern Aero, Inc Eden Prairie, MN 55347
CRS 05VR 353Y W/O# 4178

Frank Nook

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
7/25/05	TAC	16 6.2		TT airframe 3909 PSMOA 193HRS Completed Annual insp IAW Beechcraft insp form. ELT functionally tested IAW 91.207 Part D & checked OK. Battery due 11/05. Replaced strobe flash tube. Replaced right elevator P/N 33-610000-700 S/N BAI-2667-1 from Biggs Aircraft Inc. Balance checked by Biggs Aircraft. Needs rebalanced after new paint. No new ADs found at this time.

THUNDERBIRD AVIATION
I certify that this aircraft air frame has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.
Robert C Bh A&P 4196207 IA

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DATE 2005	RECORDING TACH TIME	TODAYS 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.)
2006 05	192.9	TTAF:	3935.7	Removed and replaced Windshield using Great Lakes Aero Products STC SA321CH 337 Form filed. Homer R Scott Jr. A+P 3036905 IA

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OKLAHOMA JET WORKS

Shawnee, Municipal Airport • Shawnee, OK 74804
Phone: 405-214-5177 • FAX: 405-214-5178
Repair Station CRS# 8R705X

DATE	RECORDING TACH TIME	TODAYS 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.)
2006				

December 13 2005

Beech F33A S/N CE-431 N1070W

Stripped aircraft, washed, alodine and corrosion primed.
Base coated: Matterhorn White #00150.
Stripes Titanium#10679,Light
Burgundy#10629,Ocean Blue310592
All paints Pratt and Lambert. Remove flight controls for
paint, balance and re-installed.Remove
seats and recovered seats with customer
provided leather. All work done in
accordance with manufacturers
recommended procedures.
.....end

Fred L Martin II
CRS: OK8R705X

Flight Controls Balancing:

Alerons LH -.3 RH -.3

Elevators LH +6.9Th RH +5 th

Rudder 2.7

DATE 2006 ~~19~~	RECORDING TACH TIME	TODAYS 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.)
1/2	195.3		3938.1	Removed & replaced ELT battery P/N BP1026 Function tested ELT. Satisfactory. WE Sprayer
3-11-06	202.1			Compressions: #1 70/80 #2 64/80 #3 70/80 #4 70/80 #5 73/80 #6 66/80. Replaced both main gear tires, repacked wheel bearings changed oil. Installed 12 Qts Aeroshell 15/50, replaced Filter Champion 48108. Howard Scott A&P 3036905

ARTEX
ARTEX AIRCRAFT SUPPLIES, INC.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901
LOG BOOK ENTRY 1/2/06
E.L.T. BATTERY REPLACEMENT DATE January 2008

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
				Beechcraft F33A N1070W 24 September 2006 Tach: 230.8 Airframe Total Time: 3973.6 Airframe inspected in accordance with Beechcraft Service Manual and checklist for Annual Inspection. Complied with the following: AD 72-22-01 Landing gear uplock rollers by lubrication and inspection next due@ TTAF 4073.6, AD 76-07-12 Bendix Mag Switch Operation Check by inspection and ops check next due @ TTAF 4073.6, AD 84-2-02 by replacing induction air filter P/N P10-5304 next due @ TTAF 4073.6. All AD's checked thru this date, no others due. The following AD's are due at times listed: AD 93-24-03 next due @ TTAF 4216.12, AD 94-04-03 Spar failure next due @ TTAF 4240.0, AD 93-24-03 next due @ TTAF 4216.0 Jacked aircraft performed gear retraction and emergency extension operational checks. Removed and replaced landing light bulb. I certify this airframe has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition. Homer R. Scott Jr. Homer R. Scott Jr. A&P 3036905 IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
	←		247.0	
				CALVIN TAFF ELECTRONICS INC. (405)789-1268 R.S.IX2R914K **5601 Philip J. Rhoads Ave. Hanger #3-C Bethany, Oklahoma 73008** **TXP #1 Mfg. By** King **M#** K976 **S#** 7027 **TXP #2 Mfg. By** N/A **M#** N/A **S#** N/A **has been tested, inspected and found to comply with FAR 91.413.** **Alt #1 Mfg. By** Bendix **M#** 99251-325203-1201 **S#** 4091230 **has been cert. by** IX2R914K **on** 11-14-06 **to an altitude of** 35 **thousand feet.** **Alt #2 Mfg. By** N/A **M#** N/A **S#** N/A **has been cert. by** N/A **on** N/A **to an altitude of** N/A **thousand feet.** **Static/Encoding system has been tested, inspected and found to comply with FAR 91.411.** **Reference WO#** 8128 **by** Gary R Christian **Date** 11/14/2006
4 March 2007	278.0	Tach time		Replace RH brake linings. Bled brakes. ops check. WE Sprayer

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DATE 19 2007	RECORDING TACH TIME	TODAYS 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.)
8 MAY	300.0			Changed nose tire and tube with new flight costom 3, and tube Nosehandand air stop. Replaced landing gear motor with c/Hed unit from Regal. P/N# 000010 35-380094-3 S/N 14400. See invoice # 24795. See 8803 tag #24795. Retracted gear 10 times & emergency extend. A&P 2308 6743

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

November 5, 2007 **Mather Aviation LLC**
N1070W, Beechcraft F33A Mather Airport
S/N: CE-431 FAA CRS No. PCPR439B
AFTT: 4068.3 Meter: 325.5 WO#: 413177

This is a permanent part of the Aircraft Records.

All Work was accomplished in accordance with the Beechcraft Bonanza 33 Series Shop Manual. P/N 33-59011-9B Dated 5/22/1989.

1. Complied with all service and inspection items in accordance with the Mather Aviation's 100 Hour/Annual Inspection Checklist P/N MA100SE.
2. Complied with the following airworthiness directives:
   - AD 91-17-01 (11/25/91) marking of elevator trim actuators was previously complied with. Actuators are marked correctly per service bulletin.
   - AD 2007-08-08 (May 25, 2007) lubrication of up lock roller is not applicable to aircraft serial number.
   - AD 2007-04-19R1 (5-7-07) Replacement of suspect Superior Airparts Engine cylinders does not apply. Suspect parts not installed.
   - AD 76-07-19 Operational check of the ignition switch. No defects noted.
3. The following special inspections have been complied with:
   - C/W FAR 91.207 (d) by operational and visual inspection of the ELT, replaced battery. Battery next due at 1/31/2008.

CONTINUED NEXT PAGE

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

- Complied with Inspection for Continued Airworthiness of the Electronics International Equipment installation per FAA Form 337 Dated 6/7/07.

4. The following repairs and part replacements have been accomplished:
   - Replaced light bulbs as required.
   - Replaced worn or broken hardware as required.
   - Resealed left master cylinder reinstalled and bled brake system. Operation normal.
   - Serviced both main landing gears with nitrogen.
   - Installed new seat belt and seat stop hardware.
   - Removed six (6) TCM fuel nozzles P/N 627335D13-A and installed General Aviation Modifications Inc. GAMIjectors Kit No. GAD13A S/N 17022. STC No. SE09217SC PMA No. PQ821SW per GAMIjector Installation Proceduer No. IP-96-001 (Rev 004) Dated September 25, 1996. No change in weight and balance.
   - See FAA Form 337 Dated 11-5-07 for Gamijector installation.
   - Installed new yoke coil cord for the operation of Push To Talk, OAT, Autopilot and trim switches normal.
   - Installed new avionics blanking plate on panel.
   - Installed new bearings and races in the nose wheel.
   - Adjusted rigging of the aileron system as per the Beechcraft Bonanza 33 Shop Manual Chapter 3 Rigging Aileron Control System.

Continued next Page

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

- Installed new flap bumpers and hardware.
- Adjusted right emergency exit latch hardware and tightened. Operation normal.
- Cleaned aircraft interior belly of debris.
-

Technician: M. Baker, T. Mula, P. Sanchez, G. Schlimmer, and R. Schondel
This aircraft is approved for return to service only with respect to the work performed.
Inspector: _____
John Verderber CRS# PCPR439B

November 5, 2007 AFTT: 4068.3
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.
Inspector: _____
John Verderber
CRS # PCPR439B

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

November 5, 2007 **Mather Aviation LLC**
N1070W, Beechcraft F33A Mather Airport
S/N: CE-431 FAA CRS No. PCPR439B
PTSO: 362.0 Tach: 325.5 WO#: 413177

This is a permanent part of the Propeller Records.

1. Complied with all service and inspection items in accordance with the Mather Aviation's 100 Hour/Annual Inspection Checklist P/N MA100SE.

Technician: M. Baker, T. Mula, P. Sanchez, G. Schlimmer, and R. Schondel
This Propeller is approved for return to service only with respect to the work performed.
Inspector: _____
John Verderber
CRS# PCPR439B

November 5, 2007 PTSO: 362.0
I certify that this Propeller 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.
Inspector: _____
John Verderber
CRS # PCPR439B

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

June 7, 2007
N1070W. Beech F33A
S/N: CE-431
Hour Meter: 304.9

Mather Aviation, LLC
Sacramento Mather Airport, CA 95655
FAA CRS No. PCPR439B
WO#: 412609

This is a permanent part of the **Aircraft Records**. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:

1. Disconnected Instrument lighting wiring from Rheostat. Re-routed wring to alleviate chaffing and secured. Reconnected wiring to rheostat. Operational check satisfactory.
2. Mounted portable GPS bracket to Control yoke. Operational check satisfactory.
3. Removed RH main landing gear brake caliper. Removed brake backing plate and replaced with new PN: 064-1500. Installed with new bolts PN: 103-11800. Removed Main landing gear wheel assembly. Removed brake disc and replaced with new PN: 164-02504. Installed new brake linings PN: 066-10500. Reinstalled Wheel assembly and brake caliper. Operational check satisfactory.
4. Installed the following Electronics International Inc. equipment: Ultimate Bar Graph Engine Analyzer PN: UBG-16, Fuel Flow / Pressure Indicator PN: FP-5L, Fuel Flow Transducer PN: FT-60, Black Box Data Recorder PN: MUX-8A and Black Box Data Recorder Module PN: FM-VA-50. Installed a 5 amp and 1 amp circuit breakers per installation instructions. Updated weight and balance and equipment list. See FAA Form 337 Dated 6/7/2007 for details.

Technician(s): G. Gancarz and E. Burns.

The aircraft and/or component 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.

Inspector: _____
J Verderber for
CRS# PCPR439B

NOTE: THIS ENTRY IS OUT OF CHRONOLOGICAL ORDER.

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
				June 7, 2007 N1070W. Beech F33A S/N: CE-431 Hour Meter: 304.9 **Mather Aviation, LLC** Hayward Airport, CA 94541 FAA CRS No. Z4MR560Y WO#:607903MHR This is a permanent part of the **Aircraft Records**. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished: 1. Removed main landing gear motor PN: 35-380094-3 SN: 123539. Replaced motor with overhauled motor PN: 35-3800094-3 SN: 2122 overhauled by CRS# RV3R829L. Rigged landing gear in accordance with Beech F33A MM CH 32-30-00. Performed extension and retraction of landing gear, no defects noted. Technician(s): G. Gancarz and E. Burns. The aircraft and/or component 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. Inspector: J Verderber for CRS# Z4MR560Y
JAN 14, 2009				THIS AIRCRAFT HAS BEEN INSPECTED AND HAS BEEN FOUND SAFE
	TAC.	396.1		FOR THE INTENDED FLIGHT IN ACCORDANCE WITH SPECIAL
				FLIGHT PERMIT DATED 1-13-2009
				Richard Wampach AP 1597658-IA.

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Mather Aviation LLC

10360 Macready Ave
CRS# PCPR439B
916-364-4711
WO#: 415017 & 415191
Hour Meter: 396.4

Mather, CA 95655
Airframe Class 1,3 & 4
Fax 916-364-4715

Beech F-33A N1070W Serial: CE-431
AFTT: 4139.8

This is a permanent part of the **Aircraft Records**. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.

1. Complied with an Annual Inspection and service items in accordance with Mather Aviation Single Engine 100 Hour / Annual Inspection Checklist.
2. Complied with FAR 91.207(c) Emergency Locator Beacon CIR-11-2 serial 20485 battery replacement with Merl Inc. BP-1026 battery pack. Next replacement due April 2011.
3. Complied with FAR 91.413 Bendix King KT-76 Transponder (serial 702924) month Certification in accordance with FAR Part 43, Appendix F.
4. Complied with Airworthiness Directive 76-07-12R1 (dated 8/30/77) Functional tests of the Ignition Switch. No Faults found. Next due 4239.8 AFTT
5. Airworthiness Directive 2008-13-17 (dated 8-6-2008) Circuit Breaker switches was determined to be effective with compliance due by August 6, 2009. No further action.
6. Complied with Electronics International Equipment Instructions for Continued Airworthiness 12 Month inspection for condition, security and operation.
7. Removed and replaced gasculator seal p/n CACCA1319. Leak check satisfactory.
8. Removed and replaced left magneto ground terminal insulator p/n MS25171-1.
9. Removed and replaced left elevator hinge bushings p/n MS27640-4.
10. Repositioned and secured tachometer drive cable housing, engine hoses and wire bundles for chafe protection.
11. Removed and replaced cylinder # 1 valve cover gasket p/n 655528.
12. Adjusted Electronics International switch for proper operations and marking accuracy.
13. Removed and replaced MIL 6000 engine breather hose.
14. Removed and replaced left muffler assembly with exchange Knisley p/n 701-4.
15. Secuured loose baffle to prevent battery negative cable chafing.
16. Adjusted left and right cowl flap cable assemblies for cowl flap travel.
17. Removed and replaced all RHB 32E Spark Plugs.
18. Replaced air filter mounting stud pin.
19. Removed and replaced Aft Position Light lamp p/n 633, corrected poor ground and operational check was satisfactory.

Technician(s):T. Mula, R. Schondel, M. Baker, T. Burriss

The Aircraft and / or component identified above was repaired and / or inspected in accordance with Federal Aviation Regulations and **was not re-assembled, inspected, or approved for return to service. See List of Discrepancies and Unairwotrthy items**. Pertinent details of the repair are on file at this agency under the above Work Order Number.

Inspector: _____ Date: March 17, 2009
S.A.Wilbur for CRS# PCPR439B

March 17, 2009 4139.4 AFTT

I certify that this aircraft has been inspected in accordance with an FAR 91.409(a) **ANNUAL INSPECTION** and a signed list of discrepancies and un-airworthy items dated September 28, 2009 has been provided to the aircraft owner.

Inspector: _____
S. A. Wilbur for CRS# PCPR439B

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

Mather Aviation LLC

10360 Macready Ave — Mather, CA 95655
CRS# PCPR439B — Airframe Class 1,3 & 4
916-364-4711 — Fax 916-364-4715

WO#: 415017 & 415191 — Beech F-33A — N1070W — Serial: CE-431
Hour Meter: 396.4 — AFTT: 4139.8

I certify that Transponder Tests required by FAR 91.413 have been performed and found to comply with FAR 43, Appendix F.
TRANS. MODEL: KT 76 — S/N: 7029
Technician(s): G. Schlimmer

Inspector: _____ Date: February 18, 2009
S. A. Wilbur for CRS# PCPR439B

August 2, 2010 — N1070W — Bonanza — CE-431 — Tac 397.0

C/W AD 2008-13-17: By removal of all 6 circuit breaker switches and replacement with new FAA/PMA parts provided by Williams Air Parts, Inc. This is an alternate method of compliance for AD 2008-13-17.

OLD	NEW	
35-380132-3	WAPI-10005-10YEL	Pitot Heat
35-380132-43	WAPI-10005-10SIL	Strobe
35-380132-45	WAPI-10006-15SIL	Beacon
35-380132-41	WAPI-10004-5SIL	Nav
35-380132-47	WAPI-10007-20SIL	Taxi & Land

CONTINUED ON NEXT PAGE RW

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DATE 19	RECORDING TACH TIME	TODAYS 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.)

FROM PREVIOUS PAGE RW

Replaced left cowl hold open rod with serviceable part. Removed vacuum filter at # 2 cylinder, cleaned components, installed new Parker D-9-14-5 filter. Removed both gas cap seals, cleaned caps and installed new MS29513-338 seals, verified cap installation and removal is satisfactory. Removed old Baffle material from top cowl's, installed new red baffling material and fitted to engine. Jacked Aircraft, Swung landing gear, Checked NLG Trunion for wear or lost motion, none found, unable to duplicate previously reported condition or any defects in the nose gear. Cycled gear, verified down, and gear lights safe, removed aircraft from jacks. Inspected M.B. antenna installation, found to be installed over lateral structure it is securely mounted, the fuselage skin does not flex, any further reinforcement would be added weight with no structural benefit. Verified that Engine discrepancies have been corrected by replacement of # 4 Cylinder & all hydraulic lifters & associated gaskets and seals. See engine log book for details.

This clears all remaining discrepancies from the Annual inspection open item list dated September 29, 2009. Upon completion of an Annual Inspection This Aircraft will be Airworthy and can be approved for returned to service. Per FAR 91-409…No person may operate an aircraft unless, within the preceding 12 calendar months, it has had an annual inspection and has been approved for return to service…

Removed G-35 battery do to not holding a charge, serviced, charged new Gill G-35 battery sn G02522796, and installed. Serviced nose strut with 5606 hydraulic fluid and nitrogen.

Richard A Wampach A/P 1597658 IA Richard A Wampach

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alteratio** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries

N1070W

Tach Time: 397.4 Airframe TT: 4140.8

Engine TT: 424.1 Engi SMOH: 424.1 Prop TT: Unknown Prop SMOH: 432.9

Installed servicable shimmy dampner PN#35-825146. Installed new trim control knob PN#35-380072-1. Serviced nose strut with nitrogen. C/W FAR 91.207 (D). Next due Sept. 2011. Battery replacement next due april 2011. AD 09-25-01 (01/08/10) Pilot/Copilot shoulder harness washers is N/A to serial number. C/W AD 76-07-12 (08/30/77) ignition switch by operational checks, next due AFTT: 4240.8. "I certify this airframe has been inspected in accordance with an annual inspection per FAR 43 appendix "D" and has been found to be in airworthy condition at this time."

08/25/2010 x _____ A&P 3138817 IA

I certify that the ATC Transponder Tests & Inspections required by FAR 91.413 were performed IAW FAR 43 App. F.

N 1070W

Date 8MAR11 Time 400.2

Signed D. Shuffling L

Northcoast Services crs WR3R955L

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
N1070W	4/4/2011	TAC 402.7		

REPLACED WORN BOLT, CASTLE NUT & COTTER PIN AT RIGHT ELEVATOR TRIM TAB ARM. REPLACED 2 UPPER RUDDER MOUNT BOLTS, INSTALLED WITH CASTLE NUTS AND COTTER PINS. SECURED 4 ELEVATOR HINGE BOLTS & REPLACED COTTER PINS. SEALED SMALL RUB SPOT TO FUSELAGE AT FIREWALL WITH FIREWALL SEALANT-700 AND INSTALLED A STAINLESS STEEL PATCH WITH STEEL RIVETS, REPOSITIONED RIGHT EXHAUST PIPE TO CLEAR AIRFRAME STRUCTURE. CEMENTED HEAD LINER IN PLACE AT RIGHT SIDE WINDOW SECURED 4 SCREWS AT A/P CONTROLLER. AIRCRAFT RETURNED TO SERVICE.

Richard Wampach A/P 1597658 Richard C. Wampach

MODEL	F33A	**B.C.H. AVIATION CENTER**	DATE	4-12-11
S/N	CE-431	920 W. CHANDLER	W.O. #	2259
REG. NO.	N1070W	FRESNO, CA 93706	HOBBS	n/a
CYCLES		(559) 441-0991	TACH	403.7 hrs.

AIRFRAME LOGBOOK INSERT

Installed Dick Wilson – Aero Engineering DW-1 rudder upper hinge bracket and DW-2 rudder center hinge bracket in accordance with STC SA00044LA. See 337 form this date. AD 93-24-3, 500 hr. inspection of rudder spar no longer applies.

Sam Wood

A & P 549338309

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

N1070W
TTAF 4182.7 (total time = 3743.4 + tach time)
Tach 438.8
OCT/31/2011

Inspected aircraft IAW the Beechcraft inspection guide. Preformed all routine items.Lubed all flight controls.

1 Installed and checked new ELT battery Now due 11/2013
1. Install new landing and taxi lights .
2. Installed new left master brake cylinder (96-380034-25) serial # 4403 FRA
3. Serviced all 3 landing gear struts IAW Beechcraft Shop manual
4. CW AD 95-04-03 WING SPAR INSPECTION **NEXT DUE 938.8 TACH**
5. CW 07-08-08 LANDING GEAR UP LOCK ROLLERS
6. Installed new master avionics switch .
7. Repaired co-pilots seat stop.
8. Dressed and serviced prop and painted .

I certify that this aircraft was inspected in accordance with an Annual inspection and was found to be in Airworthy condition.

Stephen A Brillaud
IA 2822091

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DATE 19___	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspe Entries must be endorse Technician or Repair Fac
	Nov 1 2012 N1070W 525.4			Inspected airframe in accordance with the manufactures inspection guide. Preformed all routine items Lubed and inspected all flight controls . Repaired Front Baffles, repaired fuel return line,serviced all struts, Rebuilt nose gear strut,replaced fuel selector drain, Replaced Right tire and tube,replaced both brake discs, installed overhauled Prop, Installed overhauled tachometer, Repaired the Headliner and aft bulkhead with new fire rated material. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in Airworthy condition. Stephen A Brillaud 2822091 IA

ECTION

Instr. P/N: DI-12-5025

Serial No.: 116884

Power Setting	Indication
500 RPM	440
1000 RPM	1000
1500 RPM	1500
2000 RPM	2000
2500 RPM	2500
3000 RPM	3000
3500 RPM	3500

Inspector DC Date 9/26/12

Alterations
e Number of
ecific entries.)

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Date JAN 14, 2014

Altimeter and Static System Tests performed to comply with FAR 91.411. Altimeter has been tested to 20,000 ft.

Make & Model Transcal SSD 120

S/N A538677

W/O 15692

Signature J T Bondurant

Bondurant Avionics, Inc.
Metro Airport
11299 Airport Rd.
Olive Branch, MS 38654
Phone: (662) 895-2297
FAA Repair Station #SU4R531M

Form#411

Date JAN 9, 2014

Altimeter and Static System Tests performed to comply with FAR 91.411. Altimeter has been tested to 20,000 ft.

Make & Model BENDIX 99251

S/N 4091230

W/O 15692

Signature James T. Bondurant

Bondurant Avionics, Inc.
Metro Airport
11299 Airport Rd.
Olive Branch, MS 38654
Phone: (662) 895-2297
FAA Repair Station #SU4R531M

Form#411

I certify that the ATC Transponder

Model GARMIN GTX 327

S/N 83743235

as installed in this aircraft has been tested as required by FAR 91.413 and meets the requirments of Part 43 Appendix F for Class I or II operation. W.O. 15692

Bondurant Avionics, INC
Phone: (622) 895-2297
FAA REPAIR STATION #SU4R531M

Authorized Signature J T Bondurant Date Jan 9, 2014

FORM#413

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
2-3-14	722.8		4466.2	Airframe Log Entry 2-3-14 N1070W Beechcraft F33A SN CE-431 Hobbs 722.8 Total Time 4466.2 Annual inspection. Checked and lubricated cables, pulleys and controls. Checked all lights. Checked tires and brakes. Repacked wheel bearings Cycled and greased gear. CW AD 07-08-08 up lock rollers. C/W AD 76-07-12 ignition switch. C/W FAR 91.207(d) inspection and ops check of ELT. Installed new ELT batteries dated 12-15. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Douglas Spillars A&P 3191078 IA

John Jewell AIRCRAFT, INC.

Holly Springs Marshall Co. Airport
Hwy. 78 West, P.O. Box 399
Holly Springs, MS 38635

Page 1

N1070W July 10, 2014 W/O# J6647

Tach 0773.3

Removed engine and reinstalled after repair.

MAINTENANCE RELEASE

MAKE BEECH SERIAL NO. CE-431 MODEL F33A TOTAL TIME 4516.7

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. J6647 DATE: 7-10-2014

SIGN: John E Jewell FOR REPAIR STATION NO. JUJR300L.

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Tulsair

Beechcraft / Memphis, Inc

8092 Memphis Avenue, Millington TN 38053
PH. 901-873-4780 CRS # T8BD652N

February 4, 2015 Hourmeter: 845.1 N1070W S/N CE-431

Complied with an **Annual Inspection** in accordance with the HBC Bonanza series M/M, dated April 1, 2014. AD's checked thru **biweekly 2015-02**. Complied with AD 76-07-12 ignition switch ops check. No defects noted. Complied with the **ELT 91.207(d) inspection / test**, no defects noted. Installed new L/H main landing gear tire, P/N 706L66-3. Installed new o rings in R/H wheel brake caliper, P/N: M83461/1/222, Installed new R/H wheel brake linings, P/N: 105-00200, Complied with wing fuel tank flapper valve inspection, no defects noted. Installed new engine air induction air filter, P/N: P10-5304. Installed new nose gear tow pin, P/N: 60-820029-1. Installed new L/H exhaust manifold hardware P/N: AN-3-15, 130909N6, MS24665-134. Blended high spots on engine mount frames, Serviced nose landing gear shimmy damper, Installed new L/H and R/H elevator trim hardware, P/N: M83461/1-006/ M83461/1-115/ M83461/1/012. Rigged landing gear. Installed new main fuel tank fuel cap O rings, P/N:MS29313-338. Weighed aircraft empty weight, and calculated new aircraft weight and balance. Updated weight and balance in POH.

All post inspection operational and leak checks were satisfactory.

*I certify that this **aircraft** has been inspected in accordance with an **Annual Inspection** and has been found to be airworthy and is approved for the return to service*

Mark S. Austin

Details on file under W.O.# 952266

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Tulsair Beechcraft / Memphis, Inc.

8092 Memphis Avenue, Millington TN 38053
PH. 901-873-4780 CRS # T8BD652N

February 4, 2015 Hourmeter: 845.1 N7255T S/N E-3755

Complied with a **100-hour Inspection** in accordance with the HBC Bonanza series M/M, dated April 1, 2014. **AD's checked thru biweekly 2015-02**. Post inspection operational and leak checks were good.

*I certify that this propeller has been inspected in accordance with a **100-hour Inspection** and has been found to be airworthy and is approved for the return to service*

Mark S. Austin
Details on file under W.O.# 952266

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
4-1-16	963.4			Airframe Log Entry 4-1-16 N1070W Beechcraft F33A SN CE-431 Hobbs 963.4 Total Time 4706.8 Annual inspection. Checked and lubricated cables, pulleys and controls. Checked all lights. Installed new right tire. Repacked wheel bearings Cycled and greased gear. CW AD 07-08-08 up lock rollers. C/W AD 76-07-12 ignition switch. C/W FAR 91.207(d). Installed new ACK-E04 ELT. Installed new vacuum pump and overhauled exchange regulator. Installed TSO'd power outlet on rear cabin close out panel with panel mounted circuit breaker switch. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Douglas Spillars A&P 3191078 IA

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
3/10/2018				REMOVED IO-520 ENGINE. REMOVED FWD NOSE BOWL, REMOVED
AFTT	4854.4			UPPER PAN TO NOSE BOWL, REMOVED LEFT & RIGHT FWD ENGINE
HOBBS	1111.0			MOUNTS, REMOVED CRACKED FWD ENGINE COMPARTMENT
TSMO	2.25			BULKHEAD. REPLACE WITH NEW PARTS, BULKHEAD, P/N 002-41000-149,
				UPPER PAN, P/N 002-41014-5. INSTALL AIRFRAME ENGINE MOUNTS FWD
				WITH NEW HARDWARE. INSTALLED REPAIRED NOSE BOWL ASSEMBLY.
				REPLACED RH AFT AIRFRAME ENGINE MOUNT DUE TO CHAFFING
				DAMAGE AND INSTALLED AIRWORTHY ENGINE MOUNT, P/N 35-910027-3
				SUPPLIED BY EVERTWORTH AIRCRAFT WITH NEW HARDWARE.
				REPLACED ALL ENGINE COMPARTMENT HOSE ASSEMBLIES WITH
				NEW HOSES SUPPLIED BY D. SHANNON PRODUCTS ASSEMBLED BY
				EATON AEROQUIP, INC., SEE FAA FORM 337 FOR DETAILS.
				R&R NOSE LANDING GEAR, REPLACE BUSHINGS IN STEERING
				LINKAGE AND REPLACE WORN HARDWARE. SERVICE MAIN
				AND NOSE LANDING GEAR WITH NITROGEN. REPLACE
				ENGINE WITH D. SHANNON PRODUCTS STC SA2200SW &
				SA368CH WITH RAM AIRCRAFT OVERHAULED IO-550-
				B-RA ENGINE, S/N 573964 (CONT)

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
(CONT)		AND ENGINE		BAFFLE KIT, INSTALLED NEW LORD ENGINE RUBBER ISOLATORS, P/N 07-1124. INSTALLATION PERFORMED IAW D. SHANNON PRODUCTS INSTALLATION INSTRUCTIONS NO. 71-20-00, REV9, DATED 1/21/2016 AND INSTALLATION INSTRUCTIONS DSP-IM 95-2, REV F, DATED 5/16/2016. FAA APPROVED FLIGHT MANUAL SUPPLEMENT DATED AUG 28, 1990 INSERTED IN THE AIRCRAFT FLIGHT MANUAL. SEE FAA FORM 337 FOR FURTHER DETAILS. INSTALLED D. SHANNON PRODUCTS ENGINE COMPARTMENT FLOORBOARDS IAW INSTALLATION MANUAL DSP-IM15-008, REV IR, DATED 11/2/2016. INSTALLED D. SHANNON PRODUCTS AILERON AND WING FLAP GAP SEALS STC SA1176SO, IAW INSTALLATION INSTRUCTIONS MANUAL B6300, REV F, DATED 11/2/2010, SEE FAA FORM 337 FOR FURTHER DETAILS. INSTALLED D. SHANNON PRODUCTS ENHANCED EXHAUST SYSTEM STC SA04165CH, IAW INSTALLATION MANUAL DSP-IM-15-009, REV B, DATED 7/22/2016, SEE FAA FORM 337 FOR DETAILS. (CONT)

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
(CONT)				INSTALLED ALPHA AVIATION'S THREE POINT TORSO RESTRAINT SYSTEM STC SA01680CH, IAW ALPHA AVIATION'S INSTALLATION AND MAINTENANCE MANUAL AA14.5001, DATED 11/16/2016. D. SHANNON ENGINE AND BAFFLE KIT INSTALLATION, 10016 GROSS WEIGHT STC SA525CH. INSERTED FAA APPROVED PILOTS'S OPERATING HANDBOOK AND FLIGHT MANUAL SUPPLEMENT IN THE AIRCRAFT FLIGHT MANUAL, SEE FAA FORM 337 FOR DETAILS, AIRCRAFT WEIGHED AND NEW WEIGHT AND BALANCE FORM COMPLETED THIS DATE. REMOVED ORIGINAL SHIMMY DAMPER AND INSTALLED LORD CORPORATION PMA APPROVED P/N SE-1076-1 SHIMMY DAMPER IAW SM-6527, SEE BULLETIN FOR DETAILS AND ICA'S. REMOVED STORM WINDOW SEAL AND INSTALLED NEW AIRCRAFT DOOR SEALS FAA-PMA SEAL ADS1200-17 IAW MANUFACTURE'S INSTRUCTION, SEE ADS 1200-109 ICA'S FOR DETAILS. INSTALLED WINGS WEST OVERHAULED WOODWARD PROP GOVERNOR, P/N C210 452T, S/N 699719. (CONT)

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
	(CONT)	INSTALLED		DONALDSON ENGINE AIR FILTER, P/N P13-5304. INSTALLED ELECTRONICS INTERNATIONAL P-101 CHT PROBES WITH A-101 CHT PROBE ADAPTORS AND P-111 EGT PROBES. REMOVED ENGINE THROTTLE, MIXTURE AND PROP CONTROL CABLES AND INSTALLED PERFORMANCE AERO FAA-PMA APPROVED CABLES, P/N 36-380061-5, P/N 36-380061-1 AND P/N 36-380061-17 CABLES WITH NEW FIREWALL HALF BALL GROMMETS, NEW ROD ENDS AND RIGGED CABLES. REMOVED LH & RH WINGTIP LENS WITH FAA-PMA GLEAT CAKES AERO P/N W-2461-1RH AND W2461-1-LH. REMOVED AIRFRAME UPPER ROTATING BEACON, FABRICATED MOUNT PLATE AND INSTALLED AVEO ENGINEERING RED BARON XP GALACTIA RED STROBE BEACON, P/N AVE-RBXPR-001, S/N A21-1202-00686. INSTALLED (CONT)

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
	(CONT)	NEW	FAA-PMA	WING TIP NAV LED LIGHTS ON LH & RH
		STRES,	P/N 11-11374	SUPPLIED BY AIRCRAFT SPRUCE.
		C/W	AD. 95-04.03	PER AD INSTRUCTION, POS AGAIN
		@	1211.0	HOBBS. AIRCRAFT REQUIRES TEST FLIGHT.
				D. Woods
				A&P 3223394
HOBBS	1211.0	TEST FLIGHT COMPLETED FOR ENGINE AND PROP		
		CHANGE. COMPLETED BY: D. Woods		
		PILOTS CERT #: 3223394		
		DATE COMPLETED: 3/16/2018		
		NO DEFECTS NOTED.		

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
3/10/2018				I CERTIFY THAT THIS AIRCRAFT HAS BEEN
AFTT	4854.4			INSPECTED IAW AN ANNUAL INSPECTION AND
HOBBS	1111.0			WAS FOUND TO BE IN AIRWORTHY CONDITION.
				D. Wood
				A&P 3223394 IA
3/10/2018				
HOBBS	1111.0.			I CERTIFY THAT THIS ELT HAS BEEN INSPECTED
				IAW FAR 91.207(d) AND WAS FOUND TO BE IN
				SATISFACTORY CONDITION.
				D. Wood
				A&P 3223394 IA

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Autopilots Central, Inc.
3112 North 74th East Avenue
Hangar 23, Tulsa International Airport - Tulsa, OK 74115
(918)836-6418 - Fax (918)832-0136
FAA CRS CM2R747K

Logbook Entry

Sold To: J&P Transair, Inc.
4337 Chickasaw Cove
Memphis, TN 38117

Work Order: AV18-05055
Acct Number: (901)412-5146

Opened: 4/30/2018
Closed: 5/07/2018

General Comments:
Lenny Jones (901)412-5146

Aircraft Number: N1070W **Type:BEECH F33A** **S/N: CE-431**

Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1							

Discrepancy: 1

Action Taken:
Ground checked autopilot, roll responds to right command but sometimes doesn't respond to left. Manual trim works and follows pitch up and down.

Discrepancy: 2

Action Taken:
Removed attitude indicator, amplifier and radio coupler.

Discrepancy: 3

Action Taken:
PRELIMINARY INSPECTION: Bench tested unit and found roll off 4 degrees; pitch off 2 degrees; precesses; wedge cracked and loose.
WORK PERFORMED: Exchanged unit with S/N 098L01194

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
700-3CF	52D67 Attitude Gyro		1.00	Each	$	
	S/N: 098L01194					
	Freight		1.00		$	
LW3014	Light Wedge, 3 1/8" (Nulite)		1.00	Each	$	

Discrepancy: 4

Action Taken:
PRELIMINARY INSPECTION: Amplifier has old style griplet board, roll wouldn't respond unless board was flexed.
WORK PERFORMED: Replaced circuit board. Bench tested in reference to Century manual 68S371 dated March 1978.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
1D564	Board		1.00	Each	$	

Discrepancy: 5

Action Taken:
PRELIMINARY INSPECTION: Bench checked and found leaky capacitors and IC1 is bad. Amplifier has old style capacitors and old style adjustment pots.
WORK PERFORMED: Replaced C28, C29, C26, C27, IC1, R41, R16, R1 and pigtail connector CD33. Cleaned select switch. Tested and certified using Century manual 68S371 dated March 1978 as a reference.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
18S72	Potentiometer		2.00	Each	$	
21S116	Capacitor, Tantalum		2.00	Each	$	
21S126	Capacitor, 220UF		2.00	Each	$	
48S89	Integrated Circuit		1.00	Each	$	
63-8K200-D4D	Resistor, 8.2K		1.00	Each	$	
9S95	6 Ckt Recep		1.00	Each	$	

Discrepancy: 6

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Autopilots Central, Inc.
3112 North 74th East Avenue

Action Taken:
Reinstall attitude gyro, amplifier and radio coupler.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
330	Lamp, 14V		1.00	Each	$	

Discrepancy: 7

Action Taken:
Replaced trim switch as needed. Closed up aircraft for setup flight.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
30C416-5	Cable/Trim Switch Assy		1.00	Each	$	

Discrepancy: 8

Action Taken:
Flew aircraft on May 7th. Set HDG bank angles and altitude centering. HDG centering is fine. In the NAV or Omni modes the autopilot brackets the course. This occurs on VOR, LOC, and GPS. The glide slope did capture and worked fine.

Discrepancy: 9

Action Taken:
Set deviation scale on CDI in GTN650 from autopilot to 1 nm.

Discrepancy: 10

Action Taken:
Flew aircraft May 7th, NAV and OMNI modes flew well.

Miscellaneous Charges:

Misc Supplies: $

Totals:

SubTotal: $
Charges: $

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).
Autopilots Central, Inc. FAA CRS CM2R747K

Authorized Signature_____

Parts installed may be FAA/PMA'd or STC's parts and not of "Original Equipment Manufacture" (OEM) and as such are not covered by the OEM's Warranty.

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DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of ...er specific entries.)

Autopilots Central, Inc.
3112 North 74th East Avenue
Hangar 23, Tulsa International Airport - Tulsa, OK 74115
(918)836-6418 - Fax (918)832-0136
FAA CRS CM2R747K
Logbook Entry

Sold To: J&P Transair, Inc.
4337 Chickasaw Cove
Memphis, TN 38117

Work Order: AV18-05154
Acct Number: (901)412-5146

Opened: 10/11/2018
Closed: 10/26/2018

General Comments:
Lenny Jones (901)412-5146

Aircraft Number: N1070W **Type:** BEECH F33A **S/N:** CE-431

Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1							

Discrepancy: 1

Problem:
Century III autopilot, on NAV mode wanders left/right, left/right.

Reference W.O. AV18-05055, copy attached.

Action Taken:
Monitored left/right from Garmin 650 at radio coupler CD34 pin A and B, seems to hunt. Need to fly to troubleshoot further.

Discrepancy: 2

Problem:
Manual electric trim intermittent.

Action Taken:
Unable to duplicate intermittent manual electric trim. Cleaned controller relay as a possible repair.

Discrepancy: 3

Problem:
Update GTN650 software.

Action Taken:
Updated GTN650 software. Loaded new data card with customers data from fly Garmin.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
010-00900-10	Data Card, GTN6XX/7XX		1.00	Each		$

Discrepancy: 4

Problem:
Remove autopilot components for bench check.

Action Taken:
Removed controller

Discrepancy: 5

Problem:
1C404 Controller S/N 2189C

Action Taken:
PRELIMINARY INSPECTION: Found dirty relay contacts.
WORK PERFORMED: Checked switches for resistance and cleaned relay contacts. Tested and certified in reference to Century manual 68S371 dated March 1978.

Discrepancy: 6

Problem:
Reinstall autopilot components for ground check and autopilot setup flight.

Action Taken:
Reinstalled controller.

Discrepancy: 7

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DATE | RECORDING | TODAYS | TOTAL | Description of Inspections, Tests, Repairs and Alterat

1 Certificate Number

or other specific entr

Autopilots Central, Inc.

3112 North 74th East Avenue

Problem:
Autopilot set up flight.

Action Taken:
Flew aircraft October 18th. HDG bank angles, climb and descent were fine. Nav worked on VOR,GPS and LOC but did have left right functions of 4 degrees. Flew 4 dots above the glide slope on the approach to RW 18R on GPS and ILS approaches.

Discrepancy: 8

Problem:
Remove autopilot components for bench check.

Action Taken:
Removed glideslope coupler.

Discrepancy: 9

Problem:
1C493 Glideslope Coupler S/N 3110-E

Action Taken:
PRELIMINARY INSPECTION: Found leaky capacitors.
WORK PERFORMED: Replaced C19 a and B and C13 capacitors. Cleaned relay contacts. Bench tested and certified in reference to 68S371 dated March 1978.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
21S126	Capacitor, 220UF		4.00	Each		$
21S151	Capacitor		2.00	Each		$

Discrepancy: 10

Problem:
Reinstall autopilot components for ground check and autopilot setup flight.

Action Taken:
Reinstalled glideslope coupler. Ground check aircraft.

Discrepancy: 11

Problem:
Troubleshoot aircraft.

Action Taken:
Troubleshot NAV indicator needles. Found GTX327 transponder coax was in the indicator wiring bundle, coax also had a 180 degree sharp bend in the bundle. Removed this section of coax and rerouted per GTX327 maintenance manual instructions. Installed a short pigtail to replace removed section. This appears to repair NAV indicator wandering.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
225395-1	Conn, BNC - Dual Crimp Plug		1.00	Each		$

Discrepancy: 12

Problem:
Autopilot flight is due for CDI navigation functions.

Action Taken:
Flew a/c on Oct. 24th. Both nav indications CDI stability are now normal in VOR and GPS. Have very minor fluctuations on the LOC and consider this acceptable. Glide slope flew centered. The autopilot flew well in all functions.

Discrepancy: 13

Problem:
Close aircraft for delivery to customer.

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
AVGAS	AvGas		40.00	Gallon		$

Miscellaneous Charges:

Misc Supplies: $

DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
19				

Autopilots Central, Inc.
3112 North 74th East Avenue

Totals:		
	SubTotal:	$
	Charges:	$

The articles and/or work hereon described is/are certified airworthy, (unless otherwise specified).
Autopilots Central, Inc. FAA CRS CM2R747K

Authorized Signature

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
4/28/2019				INSTALLED RH ELEVATOR WITH STC SA02625CH IAW BEECH MAINT MANUAL AND APPENDIX A GENERAL SERVICE NOTES FOR SRS AVIATION STC SA02625CH. PERFORMED ELEVATOR RIGGING TRAVEL CK. WEIGHT & BALANCE CHANGE NEGLIGABLE. SEE FAA FORM 337 DATED APRIL 28, 2019 FOR FURTHER DETAILS. D. Woode A&P 3223394 IA
4/20/19				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. D. Woode A&P 3223394 IA
HOBBS	1196.0			
AFTT	4939.4			

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
4/28/19				CHK AD. 07-08-08 PER A.D. INSTRUCTIONS.
HOBBS	1196.0			
				D. Wood
				P&P 3223394
4/28/19				REPLACED MLG & NLG TIRES & TUBES, BALANCED
HOBBS	1196.0			WHEEL ASSY. REPLACED LH & RH MLG & NLG
				BEARINGS & RACES. REPLACED LH & RH BRAKE
				DISCS AND PADS WITH APS BLACK STEEL
				BRAKES. D. Wood
				A&P 3223394

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations (See back pages for other specific entries.)
				St.PeteAir 341 8th Ave SE #3C Saint Petersburg, FL 33701 Repair Station 8TXR176C Tail Number: N1070W A/C Model: Beech F33A Serial: CE-341
				Removed GTX 327 transponder S/N 83743235
				Installed GTX 345 transponder S/N 3EG027717 in accordance with install manual 190-00734-10 Rev 12.
				Installed replacement dimmer potentiometer P/N 11-10604
				Configure Flight Stream 510 SD card and GTN 650 in accordance with manual 190-01004-03.
				Shop Order: RS19-1068
				The above has been inspected in accordance to current manufacture data and 14CFR and is approved for return to service with respect to the work performed.
				The transponder has been inspected, tested satisfactory and found to conform to FAR 43 Appendix F, per FAR 91.413 (a) and is approved for return to service with respect to the work performed.
				Inspector _____ Date: 05/07/2019

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
12/3/19				
HOBBS	1283.0			C/W AD. 2019-23-10 PER PO INSTRUCTION.
				NO DEFECTS NOTED.
				D. Wood
				A&P 3223394

N1070W
Tach: 1294.3
T.T.: 5037.7
04/09/20

Performed Annual inspection. Cleaned & lubed aircraft
Removed ELT Sent To ACK Technologies for repair of G-switch. Serviced battery. Serviced struts.
Performed Gear Retract test normal & emergency. C/W AD 07-08-08 inspection of up lock rollers.
C/W AD 76-07-12 inspection of ignition switch. All Ad's checked.

I certify that this aircraft N1070W has been inspected in accordance with
An Annual Inspection and was determined to be in an airworthy condition.

Rushing Aviation
703 Airport Rd.
Marks, MS 38646

Kevin Rushing

IA3412822

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
		N1070W Tach: 1296.2 05/07/20		
				Reinstalled ACK Technogies ELT after repair. Mode EO-4 SN# 014567, Tested IAW FAR 91.207 (d). Battery replacement Aue Aug 2023.
		Rushing Aviation 703 Airport Rd. Marks, MS 38646		Kevin Rushing IA3412822

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)

Tested and Inspected Altimeter/Air Data Computer
PN: Transcal 550120 SN: 1753867
to 20,000 ft as required by FAR 91.411 and was
found to c/w FAR 43 Appendix E.
Work complied with on WO# 183
Signed [signature] Date 11/16/2020
GABC Avionics 2488 Winchester Rd
CRS#2MAR183C Memphis, TN 38116
Form MA-19 Rev:ORG Date:4/26/2019
Thu003 N1070W

Tested and Inspected Altimeter/Air Data Computer
PN: Bendix 98251 SN: 40912230
to 20,000 ft as required by FAR 91.411 and was
found to c/w FAR 43 Appendix E.
Work complied with on WO# 183
Signed [signature] Date 11/16/2020
GABC Avionics 2488 Winchester Rd
CRS#2MAR183C Memphis, TN 38116
Form MA-19 Rev:ORG Date:4/26/2019
Thu003 N1070W

N1070W.

ALTIMETER SCALE CORRECTION CARD

STANDARD ALTITUDE FT.	TOL. +/- FT.	ALTIMETER READING FT.	STANDARD ALTITUDE FT.	TOL. +/- FT.	ALTIMETER READING FT.
-1000	20	-1000			
0	20	0			
500	20	500			
1,000	20	1010			
1,500	25	1500			
2,000	30	2000			
3,000	30	3020			
4,000	35	4020			
6,000	40	6000			
8,000	60	7990			
10,000	80	9970			
12,000	90	11950			
14,000	100	13940			
16,000	110	15940			
18,000	120	17900			
20,000	130	19920			
22,000	140				
25,000	155				
30,000	180				
35,000	205				
40,000	230				
41,000	235				
43,000	245				
45,000	255				
50,000	280				

This Altimeter/Air data Component,
P/N Bendix 98251,
S/N 40912230,
has been tested to 20,000 feet
and meets the requirements of FAR Part
91.411 and FAR Part 43, Appendix E.

DATE: 11/16/2020

TESTED BY: [signature]

INSPECTOR: Thu003

GABC AVIONICS
CRS# 2MAR183C
2488 Winchester RD
Memphis, TN 38116

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	De Ent Tec

Tested and Inspected Transponder N1070W

PN: 6+3345 SN: 3EG027717

The ATC transponder has been tested and inspected and found to comply appendix F of part 43. In accordance with CFR 91.413

Work complied with on
WO# 183

Signed _____ Date 11/16/2020
IR0V003

GABC Avionics
CRS# 2MAR183C

2488 Winchester RD
Memphis, TN 38118

Form MA-20 Rev:ORG Date:4/26/2019

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341 8th Ave SE #3C
Saint Petersburg, FL 33701
Repair Station 8TXR176C

Tail Number: N1070W
A/C Model: Beech F33A
Serial: CE-431

Removed Century III Autopilot consisting of Century III Control Head, Coupler S/N 8143-C, Altitude Hold Module S/N 5226 C, Glideslope Coupler S/N 3110-E, Autopilot Relay Box S/N 3360, Pitch Servo w/ bracket S/N 1918A, Roll Servo S/N 9192B, Trim Servo w/ Amplifier & bracket S/N 689A, Trim Sense Assembly S/N 1660C and Amplifier S/N 2124-B; all associated connectors and wiring removed and/or capped and stowed.

Installed Garmin GFC 500 Autopilot consisting of GMC 507 P/N 011-04548-01 S/N 5H1005615 and GSA 28 Servos P/N 011-02827-11 S/Ns 5G9012534 (Roll), 5G9012562 (Pitch) and 5G9012571 (Pitch Trim) in accordance with STC SA01866WI and Installation Manual 190-02291-00 Rev 17.

Removed Garmin SL 30 Com S/N 25908320.

Installed Garmin GTN 750Xi P/N 011-04634-00 S/N 5FR003617 in accordance with STC SA02019SE-D and Installation Manual 190-01007-C0 Rev 3.

Installed Garmin GDL 69A XM Receiver P/N 011-03177-15 S/N 5P0000860 in accordance with STC SA01487SE-D and Installation Manual 190-00355-02 Rev N.

Installed Garmin GA 37 GPS/XM Antenna P/N 013-00245-00 S/N 21680 in accordance with STC SA02018SE-D and Installation Manual 190-00569-00 Rev F.

Shop Order: RS20-1345

The above has been inspected in accordance with current manufacture data and 14CFR and is approved for return to service with respect to the work performed.

Inspector _____ Date: 03/10/2021

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341 8th Ave SE #3C
Saint Petersburg, FL 33701
Repair Station 8TXR176C

Tail Number: N1070W
A/C Model: Beech F33A
Serial: CE-431

Removed Attitude Indicator S/N 700-3CF, Directional Gyro S/N 67789F, GPS Annunciator Control S/N 611-10879, KA 40 Adapter S/N 1818, Encoder S/N 1918A and all associated connectors/wiring.

Installed Garmin GI 275 ADAHRS P/N 011-04489-20 S/N 5MZ201026 w/ Battery P/N 011-04528-00, Garmin GI 275 P/N 011-04489-00 S/N 5MZ001017, GTP 59 OAT Probe P/N 011-00978-00 and GMU 11 Magnetometer P/N 011-04349-01 S/N 56J023243 in accordance with STC SA02658SE and Installation Manual 190-02246-10 Rev 7.

Installed Garmin GSB 15 P/N 011-04937-00 S/N 63M057317 in accordance with Installation Manual 190-00303-A3 Rev 3.

Interfaced GI 275 System to concurrently installed GFC 500 Autopilot, GTN 750Xi Navigator and GSB 15 as well as existing GMA 340 Audio Panel and GTN 650 Navigator.

Interfaced GTN 750Xi to concurrently installed GDL 69A and GA 37 antenna as well as existing GMA 340 Audio Panel.

Shop Order: RS20-1345

The above has been inspected in accordance with current manufacture data and 14CFR and is approved for return to service with respect to the work performed.

Details of interface & configuration have been made a part of the aircraft's permanent records.

Aircraft weight and balance has been recalculated and a copy has been placed in the aircraft's POH.

Inspector _____ Date: 03/10/2021

DATE 19____	RECORDING TACH TIME	TODAYS 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.)

St.PeteAir

107 8th Ave SE
Saint Petersburg, FL 33701

Tail Number: N1070W
A/C Model: Beech F33A
Serial: CE-431
Hobbs/Tach: 1398.4

Removed vac filter assemblies, engine driven vacuum pump, vacuum regulator, suction gauge and all hoses with reference to Bonanza Manual 33-590010-7 Rev H.

Installed vac pump cover P/N 60430 and gasket P/N 8313. Engine run up performed, no leaks observed.

Aircraft weight and balance re-calculated with corresponding avionics installation.

Blake Reischmann _____ Date: 03/10/2021
AP/IA 2732439

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
	N1070W Tach: ~~1294.3~~ 1430.9 KL T.T.: 5037.7 04/09/20			Performed Annual inspection. Cleaned & lubed aircraft Checked ELT IAW FAR 91.207(d). Serviced battery. Serviced struts. Performed Gear Retract test normal & emergency. C/W AD 07-08-08 inspection of up lock rollers. C/W AD 76-07-12 inspection of ignition switch. Replaced main gear uplock springs PN# 35-815115 & 100942C0020-31. Replaced nose gear retract boot. All Ad's checked. I certify that this aircraft N1070W has been inspected in accordance with An Annual Inspection and was determined to be in an airworthy condition. Rushing Aviation 703 Airport Rd. Marks, MS 38646 Kevin Rushing IA3412822

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

N1070W
Old Tach: 1444.8 New Tach: 0.0
T.T: 5051.6
06/08/21

Installed new tachometer PN# D1-112-5025. Operation normal.

Rushing Aviation
703 Airport Rd.
Marks, MS 38646

Kevin Rushing
IA3412822

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
	N1070W Tach: 117.9 T.T.: 5169.5 05/13/22			
				Performed Annual inspection. Cleaned & lubed aircraft Checked ELT IAW FAR 91.207(d). Serviced battery. Serviced struts. Performed Gear Retract test normal & emergency. C/W AD 07-08-08 inspection of up lock rollers. C/W AD 76-07-12 inspection of ignition switch. Installed Surefly electronic ignition IAW STC SA04378CH & SE04349CH. (See 337 form). All Ad's checked.
				I certify that this aircraft N1070W has been inspected in accordance with An Annual Inspection and was determined to be in an airworthy condition.
	Rushing Aviation 703 Airport Rd. Marks, MS 38646			Kevin Rushing IA3412822

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DATE 19	RECORDING TACH TIME	TODAYS 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.)
				N1070W Tach: 120.2 06/09/22 Replaced left main tire & tube Goodyear FCIII 700-6. Replaced right main Fuel cell PN# 2121-10. No leaks noted. Rushing Aviation 703 Airport Rd. Marks, MS 38646 Kevin Rushing IA3412822

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

N10Tow

ALTIMETER SCALE CORRECTION CARD

STANDARD ALTITUDE FT.	TOL. +/- FT.	ALTIMETER READING FT.	STANDARD ALTITUDE FT.	TOL. +/- FT.	ALTMETER READING FT.
-1000	20	-1000			
0	20	0			
500	20	500			
1,000	20	1000			
1,500	25	1500			
2,000	30	2000			
3,000	30	3000			
4,000	35	4000			
6,000	40	6000			
8,000	60	8000			
10,000	80	9980			
12,000	90	11980			
14,000	100	13980			
16,000	110	15980			
18,000	120	17980			
20,000	130	19980			
22,000	140				
25,000	155				
30,000	180				
35,000	205				
40,000	230				
41,000	235				
43,000	245				
45,000	255				
50,000	280				

This Altimeter/Air data Component,
P/N GI275,
S/N 5M220102b,
has been tested to 20,000 feet
and meets the requirements of FAR Part 91.411 and FAR Part 43, Appendix E.

DATE: 4/28/23

TESTED BY: [illegible]

INSPECTOR: [illegible]

·GABC AVIONICS
CRS# 2MAR183C
737 S Airport Rd
West Memphis, AR
72301

Tested and Inspected Altimeter/ Air Data Computer
PN: GI275 SN: 5M220102b
to 20,000 ft as required by CFR 91.411 and was found to c/w CFR 43 Appendix E.
Work complied with on
WO# 432

Signed [illegible] Date 4/28/23

GABC Avionics
CRS# 2MAR183C
737 S Airport Rd
West Memphis, AR
72301

N10Tow

Form MA-19 Rev:ORG Date:9/23/22

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

N1070W

ALTIMETER SCALE CORRECTION CARD

STANDARD ALTITUDE FT.	TOL. +/- FT.	ALTIMETER READING FT.	STANDARD ALTITUDE FT.	TOL. +/- FT.	ALTMETER READING FT.
-1000	20	-1000			
0	20	0			
500	20	500			
1,000	20	1000			
1,500	25	1520			
2,000	30	2020			
3,000	30	3000			
4,000	35	4000			
6,000	40	5980			
8,000	60	7960			
10,000	80	9960			
12,000	90	11940			
14,000	100	13940			
16,000	110	15940			
18,000	120	17940			
20,000	130	19920			
22,000	140				
25,000	155				
30,000	180				
35,000	205				
40,000	230				
41,000	235				
43,000	245				
45,000	255				
50,000	280				

This Altimeter/Air data Component,
P/N Bendix 99251,
S/N 4091230,
has been tested to 20,000 feet
and meets the requirements of FAR Part
91.411 and FAR Part 43, Appendix E.

DATE: 4/28/23

TESTED BY: [signature]

INSPECTOR: [signature]

GABC AVIONICS
CRS# 2MAR183C
737 S Airport Rd
West Memphis, AR
72301

Tested and Inspected Altimeter/ Air Data Computer
PN: Bendix 99251 SN: 4091230
to 20,000 ft as required by CFR 91.411 and was found
to c/w CFR 43 Appendix E.
Work complied with on
WO# 432

Signed [signature] Date 4/28/23

GABC Avionics
CRS# 2MAR183C
N1070W

737 S Airport Rd
West Memphis, AR
72301

Form MA-19 Rev:ORG Date:9/23/22

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)

Tested and Inspected Transponder N1070W

PN: GTX345 SN: 3EG027717

The ATC transponder has been tested and inspected and found to comply appendix F of part 43. In accordance with CFR 91.413

Work complied with on
WO# 432

Signed [signature] Date 4/28/23

GABC Avionics
CRS# 2MAR183C .

737 S Airport Rd
West Memphis, AR
72301

Form MA-20 Rev:ORG Date:9/23/22

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DATE 19_____	RECORDING TACH TIME	TODAYS 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.)
	N1070W Tach: 220.2 T.T.: 5271.8 05/23/23			
				Performed Annual inspection. Cleaned & lubed aircraft Replaced ELT battery next due March 2028. Checked ELT IAW FAR 91.207(d). Serviced battery. C/W AD 07-08-08 inspection of uplock rollers. C/W AD 76-07-12 inspection of ignition switch. Performed gear retract test normal & emergency. Repaired taxi light wire. All Ad's checked.
				I certify that this aircraft N1070W has been inspected in accordance with An Annual Inspection and was determined to be in an airworthy condition.
				Rushing Aviation 703 Airport Rd. Marks, MS 38646
				Kevin Rushing IA3412822

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341 8th Ave SE #3C
Saint Petersburg, FL 33701
Repair Station 8TXR176C

Tail Number: N1070W
A/C Model: Beech F33A
Serial: CE-431

Removed OEM Fuel Senders, Standby AI S/N 99D0019, EI Recorder S/N 093009, EI Volt Module S/N 094079, EI Fuel Gauge S/N 093006, EI Temp Gauges S/N 093008, Tachometer S/N 98480-25, OEM Fuel Gauges, EGT S/N 268703, OEM MP / FF S/N 2053, and all associated wiring/connections/probes.

Installed Garmin GI 275 ADAHRS P/N 011-04489-10 S/N 5MZ114760 w/ Battery P/N 011-04528-00 S/N 5MZ614974 as MFD in accordance with STC SA02658SE and Installation Manual 190-02246-10 Rev 16.

Installed (existing) GI 275 Base P/N 011-04489-00 S/N 5MZ001017 as Primary EIS, GEA 24 P/N 011-02848-01 S/N 2J2026497, and Garmin Probe Kits P/Ns 011-057830-00, 011-05783-30, and 011-05783-20 in accordance with STC SA02658SE and Installation Manual 190-02246-14 Rev 14.

Installed CiES Inboard Fuel Senders P/N CC284022-2217-101 S/Ns GT6892 (right) and GT6893 (left) as well as CiES Outboard Fuel Senders P/N CC284022-2218-101 S/Ns GT6894 (right) and GT6895 (left) in accordance with STC SA02511SE, Installation Instructions CC-TR-2840-031, and with reference to Hawker Beechcraft Manual 33-590010-7.

Shop Order: RS23-1675

The above has been inspected in accordance with current manufacture data and 14CFR and is approved for return to service with respect to the work performed.

As a result of this installation the weight and balance has been recalculated. A copy of this document has been placed in the aircraft's POH.

DATE 19____	RECORDING TACH TIME	TODAYS 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.)

ST.PETEAIR

341 8th Ave SE #3C
Saint Petersburg, FL 33701
Repair Station 8TXR176C

Tail Number: N1070W
A/C Model: Beech F33A
Serial: CE-431

Interfaced GI 275 EIS to concurrently installed GI 275 ADAHRS (MFD), GEA 24, CiES Senders, engine probe kits, and existing GI 275 ADAHRS (PFD).

Programmed GI 275 EIS with current tach time of 224.2.

Updated GTN 750Xi software to v20.30 in accordance with Garmin Service Bulletin 23005 Rev B.

Updated GTX 345 software to v3.41 in accordance with Garmin Service Bulletin 23036 Rev A.

Shop Order: RS23-1675

The above has been inspected in accordance with current manufacture data and 14CFR and is approved for return to service with respect to the work performed.

Inspector _____ Date: 07/14/2023

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ST.PETEAIR

341 8th Ave SE #3C
Saint Petersburg, FL 33701
Repair Station 8TXR176C

Tail Number: N1070W
A/C Model: Beech F33A
Serial: CE-431

Transponder # 1 Garmin GTX 345 S/N 3EG027717

ADC # 1 GI 275 S/N 5MZ201559

ADC # 2 GI 275 S/N 5MZ114760

Standby Altimeter P/N 99251-3252013-1201 S/N 4091230

The altimeter, static system, altitude reporting and transponder systems have been inspected and tested satisfactory up to 20,000' and found to conform to FAR 43 Appendices E & F, per FAR 91.411 (a) and 91.413 (a) and is approved for return to service with respect to the work performed.

The installed ADS-B out system has been shown to meet the equipment requirements of 14 CFR 91.227.

The appropriate Altimeter Test Report dated 7/14/2023 has been supplied with this Logbook Entry.

Shop Order RS23-1675

Inspector _____ Date: 7/14/2023

TIME | TIME IN SERVICE

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.)