

The Standard
AIRCRAFT LOG

ASA-SA-2

The Standard Aircraft Log
SA-2

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ISBN 1-56027-117-5

ASA-SA-2

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Published by
Aviation Supplies & Academics, Inc.
7005 132nd Place SE
Newcastle, WA 98059-3153

Printed in Canada



P N R A S A - S A - 2



9 781560 271178

Aircraft Record General Information

Manufacturer Beech Aircraft Model A36

Serial E-1404 Registration Number N2048V

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

DATE	TIME	FLIGHT	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.)

Sturgis Aviation Inc.
901 W. Lafayette
Sturgis, MI 49091
Phone 269-659-3773

Date: 4/13/05
Aircraft Make: A36 Bonanza
Registration Number: N2048V
Total Time:

Stripped, cleaned, chromate primed, and painted using Sherwin/Williams 570-535 Matterhorn White, 00550 Deep Red and 10494 Las Vegas Gold. Left and right elevators repaired by Williams Airmotive, Inc W.O. # 008691(see repair tag). Removed flight controls, checked static balance and installed per Beechcraft Series Maintenance Manual, 55-20-00 page 1, 55-40-00 page 1 and 57-50-00 page 1. Installed wing to fuselage gap seals. Installed horizontal gap seals. Installed stainless screws in inspection panels

End --- *A49966 6023*
05/15 / Danny King

YEAR:	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.)

05-03-05 TAC TIME 2956.43 and TOTAL Time
Replaced tac with new 01-112-5025
6" hrs on tac. JAL Conrad
ASP 2073766 IA

CONRAD AERO
18750 M-60 East Three Rivers, MI 49093 Phone: (269) 279-6000

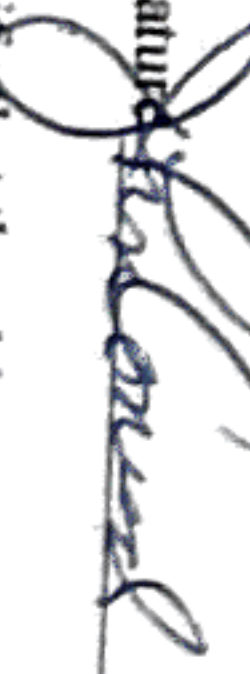
N2048V
Date: 10-1-05 Tach Time: 40.3 Total Time: 2996.73
Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, inspected landing gear, lubed & op's ck'd landing gear, inspected tires wheels & brakes, serviced both main struts with nitrogen, serviced shimmy dampner, installed new batteries in ELT, op's ck'd lights & electrical, serviced & charged battery, C/W A.D. 72-22-02 lubed uplock rollers, A.D. 76-07-12 R1 op's ck'd ignition switch to off, A.D. 95-04-03 inspected wing fwd spar carry through, ELT tested IAW FAR 91.207, ELT Due 1-09 Altimeter Due 9-06 Transponder Due 9-06 This Aircraft has been inspected IAW An annual inspection, and found to be in airworthy condition at this time
AP 363785407 IA

[illegible][illegible]

YEAR:	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.)
DATE				

Lt. Alt. S/N N7313
Rt. Alt. S/N

I certify that the altimeter(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph B, by John Conrad to 18,000 feet.

Signature:  Date 11-16-06

CONRAD AERO
18750 M-60 EAST
THREE RIVERS, MI 49043
269-279-6000
REPAIR STATION NUMBER C9NR680J

I certify that the static system(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph A.

Signature:  Date 11-16-06

CONRAD AERO
18750 M-60 EAST
THREE RIVERS, MI 49093
269-279-6000
REPAIR STATION NUMBER C9NR680J

I certify that the ATC Transponder(s) were tested and inspected as per 91.413 IAW Part 43, Appendix F Transponder #1 S/N 9590
Transponder #2 S/N
Automatic altitude reporting system tested and inspected as per 91.411 IAW Part 43, Appendix E, Paragraph C to 18,000 feet.

Date: 11-16-06 Tach Time: 146.2
N 2048V WO# 4269

CONRAD AERO
18750 M-60 EAST
THREE RIVERS, MI 49093
269-279-6000
REPAIR STATION NUMBER C9NR680J

Signature:  Date 11-16-06

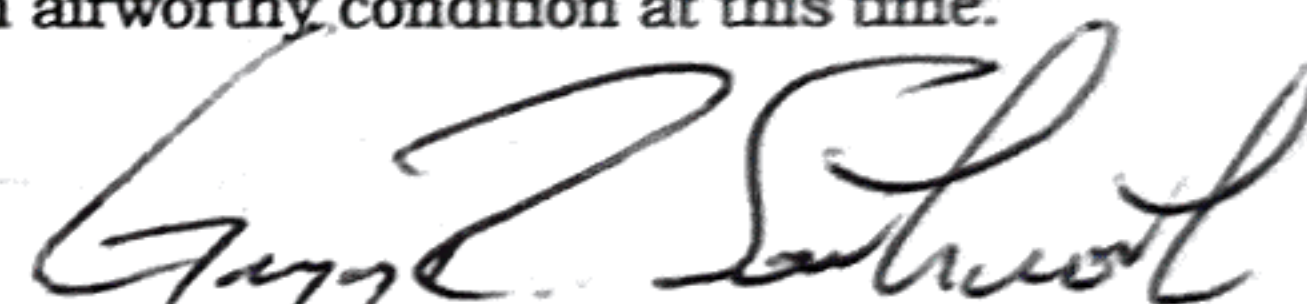
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

CONRAD AERO

18750 M-60 East Three Rivers, MI 49093 Phone: (269) 279-6000

N2048V

Date: 11-17-06 Tach Time: 146.2 Total Time: 3102.63
Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, replaced both rod ends on right & left aileron control rods with new, replaced aft rod end on right elevator control rod, inspected landing gear & system, lubed & op's ck'd landing gear, serviced all struts with hydraulic fluid & air, inspected tires wheels & brakes, op's ck'd lights & electrical, ck'd & charged battery, serviced shimmy dampner, serviced brake resivior, lubed elevator trim, C/W A.D. 72-22-02 lubed uplock rollers, A.D. 76-07-12 R1 op's ck'd ignition switch to off, ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due. 1-09 Altimeter Cert. Due 10-08 Transponder Cert. Due 10-08 I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition at this time.



A&P 363785407 IA

YEAR:	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.)
DATE				

LOG BOOK ENTRY

Page 2 of 5

N 2048V TIME 204.0 TACH DATE 02/13 20 08

SA8382SW-D. PERFORMED ALL POST INSTALLATION TESTING OF ABOVE LISTED SYSTEMS AND FOUND SYSTEMS TO OPERATE CORRECTLY.

THE STEC SYSTEM 55X IS TO BE OPERATED IN ACCORDANCE WITH PILOT OPERATING HANDBOOK P.N.: 87109 REVISION 2 DATED APRIL 15, 2007 OR LATER APPROVED REVISION AND IN ACCORDANCE WITH FAA APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT PN: 891048 DATED MARCH 11, 1994.

THIS STEC SYSTEM 55X WAS INSTALLED IN ACCORDANCE WITH AC43.13-2A AND AC43.13-1B. PERFORMED ALL ADJUSTMENTS FOR SERVO CLUTCHES AND BRIDAL CABLE TENSIONS, POST INSTALLATION TESTING AND CALIBRATIONS IN ACCORDANCE WITH ASSOCIATED MANUFACTURER'S INSTALLATION MANUAL. TESTED STATIC SYSTEM IN ACCORDANCE WITH FAR PART 43 APPENDIX E (a) AND FOUND SYSTEM TO MEET FAR 91-411. NO NOTICEABLE INTERFERENCE EXISTS BETWEEN NEWLY INSTALLED EQUIPMENT AND EXISTING EQUIPMENT. THIS INSTALLATION CONFORMS TO THE SAFETY REQUIREMENTS OF FAR 23.1301, 23.1309, AND FAR 23.1431. PERFORMED ELECTRICAL LOAD COMPARISON OF EQUIPMENT AND FOUND TO BE WITHIN ACCEPTABLE LIMITS.

(Aircraft and/or components above was repaired and inspected in accordance with current federal aviation regulations, and was found airworthy for return to service.)

Sign Redmond

W.O. # 606847

MID AMERICA AVIONICS, INC.

1365 Warren Rd., Huntington, IN 46750

FAA Approved Repair Station M2ZR2180

Complete Avionics Parts and Services

YEAR:	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.)
DATE				

LOG BOOK ENTRY

Page 3 of 5

N 2048V TIME 204.0 TACH DATE 02/13 20 08

THE AIRCRAFT WEIGHT AND BALANCE DATA WAS RECOMPUTED TO REFLECT THESE EQUIPMENT CHANGES. A REVISED EQUIPMENT LISTING HAS BEEN SUPPLIED TO AIRCRAFT RECORDS. ALL ABOVE LISTED OPERATION MANUALS SHOULD BE CARRIED ON BOARD AIRCRAFT AND AVAILABLE TO FLIGHT CREW. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS (ICA) ARE CONTAINED ON ATTACHMENT SHEETS TO THIS FAA 337 FORM ICA P.N.: 8115 REVISION 5, PAGES 1 THROUGH 3.

Validated that the previous installation of one GNS 530 was installed IAW Garmin installation data and approved via an FAA-stamped field approval document on FAA Form 337 dated August 29, 2000. Verified this aircraft and all interfaced equipment are covered under the STC AML. The GNS530 was removed and upgraded to GNS 530W unit. Installed appropriate remote annunciators for GNS530W to meet the field-of-view requirements. The existing RG142 GPS antenna cable was inspected and determined to be IAW the STC AML installation data. The existing wiring and shielding was inspected and determined to be IAW the STC AML installation data. The existing GA56 antenna was removed and replaced with a GA35 antenna using the approved mounting provisions of the previous installation.

A Summary of the modification done to the aircraft is as follows:

1. Removed the Garmin GA 56 antennas PN: 011-00134-00 and installed a new GA35 GPS/WAAS antenna PN: 013-00235-00

SN: 32525 using the provisions left behind from the standard antenna IAW Garmin upgrade manual PN: 190-00357-06

(Aircraft and/or components above was repaired and inspected in accordance with current federal aviation regulations, and was found airworthy for return to service.)

Sign Redmond

W.O. # 606847

MID AMERICA AVIONICS, INC.

1365 Warren Rd., Huntington, IN 46750

FAA Approved Repair Station M2ZR2180

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LOG BOOK ENTRY

Page 4 of 5

N 2048V TIME 204.0 TACH DATE 02/13 20 08

Revision C and STC no. SA01933LA. The GA35 GPS antennas meet TSO C146(a) Class 3.

2. Removed Garmin GNS 530 PN: 011-00550-10 SN: 78300852 unit and installed Garmin GNS 530W PN: 011-01064-45 SN: 78300852 using the provision left behind from the standard GNS 530 unit. Installation performed IAW Garmin upgrade installation manual PN: 190-000357-06 Revision C dated AUGUST 2007 and STC no. SA01933LA. The GNS 530W meets TSO C37(d), C38(d), C34(e), C36(e), C40 © AND C146(a) Class 3.

3. The GNS 530W was configured identical to the original GNS 530 unit. Each interface was tested IAW the GNS 530W Installation Manual PN: 190-00357-02 REV D dated OCTOBER 2007 Section 5. A copy of the checkout log was completed and included with aircrafts maintenance records.

4. Removed the Aircraft Flight Manual Supplement for the GNS 530 and installed a GNS 530W AFMS PN: 190-00357-03 revision A, FAA Approved on NOVEMBER 20, 2007 into the Aircraft Flight Manual.

5. Updated the aircraft Equipment List to reflect the new WAAS units. Weight and balance changes are negligible. The current electrical load analysis remains valid since the new units draw the same or less current than the original units.

The Garmin GNS 530W GPS system Class 3 operations uses GPS and WAAS (within the coverage of a space-based augmentation system complying with ICAO annex 10) for enroute, terminal area, non-precision approach operations, including "GPS", "or GPS", and "RNAV" approaches, and approach procedures with vertical guidance, including "LNAV/VNAV" and "LPV". Navigation is accomplished using the WGS 84 (NAD 83) coordinate reference datum. GPS navigation data is based

(Aircraft and/or components above were repaired and inspected in accordance with current federal aviation regulations, and was found airworthy for return to service.)

Sign

W.O. # 606847

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FAA Approved Repair Station M2ZR2180
Complete Avionics Parts and Services

LOG BOOK ENTRY

Page 5 of 5

N 2048V TIME 204.0 TACH DATE 02/13 20 08

upon use of only the global positioning system (GPS) operated by the United States of America. The GNS 530W system is approved for IFR operations as listed above with in the continental United States in accordance with limitations set forth in the FAA approved Airplane Flight Manual supplements listed above.

Instructions for Continued Airworthiness (ICA) for GNS 530W is included on Garmin document PN: 190-00357-65 revision A, FAA approved on November 2006. GNS 530W Instructions for Continued Airworthiness in the aircraft maintenance records. Note: This supersedes ICAW data for the previously installed GNS 530.

END

(Aircraft and/or components above was repaired and inspected in accordance with current federal aviation regulations, and was found airworthy for return to service.)

Sign

W.O. # 606847

MID AMERICA AVIONICS, INC.

1365 Warren Rd., Huntington, IN 46750
FAA Approved Repair Station M2ZR2180
Complete Avionics Parts and Services

Name (Typed)
 Responsibilities
 Authority to install the part

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.)
		CONRAD AERO 18750 M-60 East Three Rivers, MI 49093 Phone: (269) 279-6000 N2048V Date: 3-2-09 Tach Time: 290.6 Total Time: 3247.03 Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, inspected landing gear, lubed & op's ck'd landing gear, inspected tires wheels & brakes, installed new batteries in ELT, op's ck'd lights & electrical, charged & ck'd battery, ck'd shimmy dampner, C/W A.D. 07-08-08 lubed uplock rollers, A.D. 76-07-12 R1 op's ck'd ignition switch to off, removed stormscope head & processor & sent to L-3 Communications Avionics Systems for repair, reinstalled units after repair (see FAA forms 8130-3) ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due. 3-12 Altimeter Cert. Due 3-11 Transponder Cert. Due 3-11 I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition at this time.  A&P 363785407 IA

YEAR:	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.)
DATE				
Date: 3-2-09	Tach Time: 290.6			
N2048V	WO# 4669			
I certify that the ATC Transponder(s) were tested and inspected as per 91.413 IAW Part 43, Appendix F Transponder #1 S/N 9590 Transponder #2 S/N N/A Automatic altitude reporting system tested and inspected as per 91.411 IAW Part 43, Appendix E, Paragraph C to 20,000 feet. CONRAD AERO 18750 M-60 EAST THREE RIVERS, MI 49093 269-279-6000 REPAIR STATION NUMBER C9NR680J Signature  Date: 3-2-09 I certify that the static system(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph A. CONRAD AERO 18750 M-60 EAST THREE RIVERS, MI 49043 269-279-6000 REPAIR STATION NUMBER C9NR680J Signature  Date: 3-2-09 I certify that the altimeter(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph B, by G. Southworth to 20,000 feet. CONRAD AERO 18750 M-60 EAST THREE RIVERS, MI 49093 269-279-6000 REPAIR STATION NUMBER C9NR680J Signature  Date: 3-2-09 Lt. Alt. S/N N7313 Rt. Alt. S/N N/A				

YEAR:	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.)
DATE				
				CONRAD AERO 18750 M-60 East Three Rivers, MI 49093 Phone: (269) 279-6000 N2048V Date: 7-30-09 Tach Time: 306.7 Total Time: 3263.13 Replaced all affected circuit breaker switches, as called out in A.D. 2008-13-17, reference S.B. 24-3807 & 24-3735, op's ck'd all for proper operation. <i>Guy R. Schauer</i> A&P 363785407 IA
10/19/09	tach 325.0			New Battery - Concorde RG24-16 <i>Steve Schauer (owner)</i> cert # 2140856

YEAR:	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.)
DATE				
				CONRAD AERO 18750 M-60 East Three Rivers, MI 49093 Phone: (269) 279-6000 N2048V Date: 5-13-10 Tach Time: 358.2 Total Time: 3314.63 Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, inspected landing gear, inspected tires wheels & brakes, lubed & op's ck'd landing gear, cleaned & repacked wheel bearings, op's ck'd lights & electrical, ck'd battery, replaced negative cable boot, tightened nose rod bolt, tightened nose brace rear bolts, replaced both instrument air filters, replaced 1 beacon bulb, replaced lt main gear down light bulb, replaced vent window hinge screw, serviced shimmy dampner, C/W A.D. 76-07-12 R1 op's ck'd ignition switch to off, A.D. 07-08-08 lubed uplock rollers, ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due. 3-12 Altimeter Cert. Due 3-11 Transponder Cert. Due 3-11 I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition at this time. <i>Guy R. Schauer</i> A&P 363785407 IA

YEAR:	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.)
DATE				

Date: 7-20-11 Tach Time: 440.9

N2048V WO# 5208

I certify that the ATC Transponder(s) were tested and inspected as per 91.413 IAW Part 43, Appendix F Transponder #1 S/N 9590
Transponder #2 S/N N/A
Automatic altitude reporting system tested and inspected as per 91.411 IAW Part 43, Appendix E, Paragraph C to 18,000 feet.

CONRAD AERO
18750 M-60 EAST
THREE RIVERS, MI 49093
269-279-6000
REPAIR STATION NUMBER C9NR680J

Signature:  Date: 7-20-11

I certify that the static system(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph A.

CONRAD AERO
18750 M-60 EAST
THREE RIVERS, MI 49043
269-279-6000
REPAIR STATION NUMBER C9NR680J

Signature:  Date: 7-20-11

I certify that the altimeter(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph B, by G. Southworth to 18,000 feet.

Lt. Alt. S/N N7313
Rt. Alt. S/N N/A

CONRAD AERO
18750 M-60 EAST
THREE RIVERS, MI 49093
269-279-6000
REPAIR STATION NUMBER C9NR680J

Signature:  Date: 7-20-11

YEAR:	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.)
DATE				

CONRAD AERO

1200 Flightline Dr. Unit 516 Three Rivers, MI 49093

Phone: (269) 279-6000

N2048V

Date: 7-20-11 Tach Time: 440.9 Total Time: 3397.33
Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, inspected landing gear, lubed & op's ck'd landing gear, inspected tires wheels & brakes, op's ck'd lights & electrical, removed strobe light control box & sent out for repair (strobe lights inop at this time), serviced shimmy dampner with hydraulic fluid, inspected aircraft battery, C/W A.D. 76-07-12 R1 op's ck'd ignition switch to off, A.D. 07-08-08 lubed uplock rollers, ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due. 3-12 Altimeter Cert. Due 7-13 Transponder Cert. Due 7-13 I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition at this time.



A&P 363785407 IA

[illegible]

YEAR:	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.)
DATE				CONRAD AERO 1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093 Phone: (269) 279-6000 Airframe log entry N2048V Date: 8-24-12 Tach Time: 508.8 Total Time: 3465.23 Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, inspected landing gear, lubed & op's ck'd landing gear, inspected tires wheels & brakes, op's ck'd lights & electrical, ck'd battery, repaired broken wire on taxi light, adjusted vacuum system pressure, lubed flap switch rollers, installed new batteries in ELT, C/W A.D. 07-08-08 lubed uplock rollers, A.D. 95-04-03 inspected wing spar carrythrough, A.D. 76-07-12 R1 op's ck'd ignition switch to off, ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due 10-17 Altimeter Cert Due 7-13 Transponder Cert Due 7-13 I certify this aircraft has been inspected in accordance with an annual inspection was found to be in airworthy condition at this time. A&P 363785407 IA

YEAR:	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.)
DATE				

Date: 9-25-13 Tach Time: 589.1

N2048V WO# 5810

I certify that the ATC Transponder(s) were tested and inspected as per 91.413 IAW Part 43, Appendix F Transponder #1 S/N 9590
Transponder #2 S/N N/A
Automatic altitude reporting system tested and inspected as per 91.411 IAW Part 43, Appendix E, Paragraph C to 18,000 feet.

CONRAD AERO
1200 Flightline Dr. Unit 516
Three Rivers, MI 49093

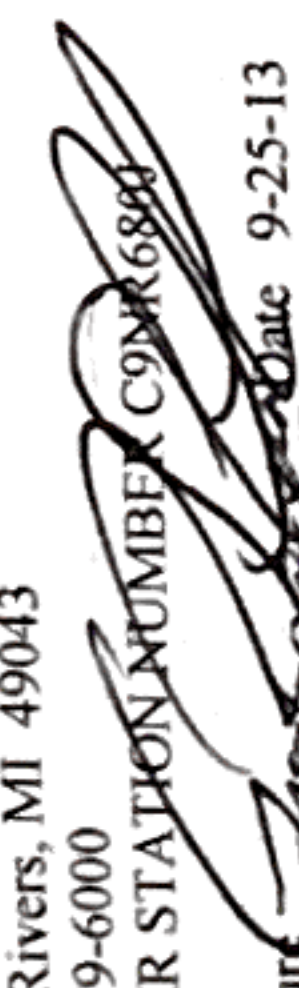
REPAIR STATION NUMBER CNR680J

Signature  Date 9-25-13

I certify that the static system(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph A.

CONRAD AERO
1200 Flightline Dr. Unit 516
Three Rivers, MI 49043

REPAIR STATION NUMBER CNR680J

Signature  Date 9-25-13

I certify that the altimeter(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph B, by G. Southworth to 18,000 feet.

Lt. Alt. S/N N7313
Rt. Alt. S/N N/A

CONRAD AERO
1200 Flightline Dr. Unit 516
Three Rivers, MI 49093

REPAIR STATION NUMBER CNR680J

Signature  Date 9-25-13

YEAR:	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.)
DATE				

CONRAD AERO

1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093

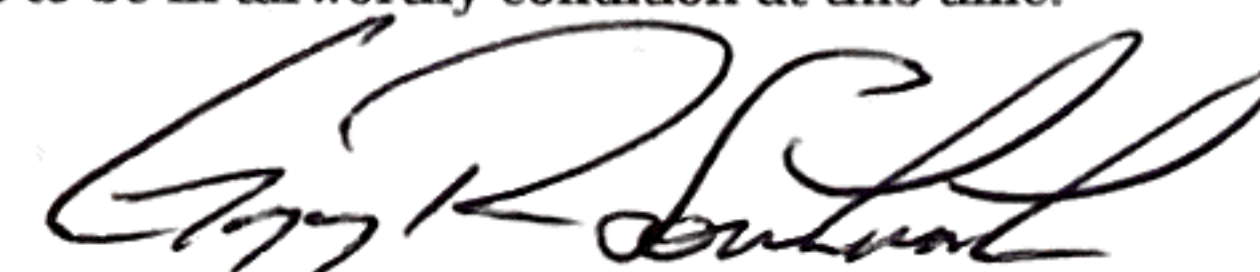
Phone: (269) 279-6000

Airframe log entry

N2048V

Date: 9-25-13 Tach Time: 589.1 Total Time: 3545.53

Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, inspected landing gear, lubed & op's ck'd landing gear, inspected tires wheels & brakes, op's ck'd lights & electrical, inspected battery service & charge, replaced bad grommet on negative battery cable at box, installed grommet on belly drain, C/W A.D. 76-07-12 R1 op's ck'd ignition switch to off, A.D. 07-08-08 lubed uplock rollers, ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due 10-17 Altimeter Cert Due 9-15 Transponder Cert Due 9-15 I certify this aircraft has been inspected in accordance with an annual inspection was found to be in airworthy condition at this time.



A&P 3657290 IA

YEAR:	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.)
DATE				
				CONRAD AERO 1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093 Phone: (269) 279-6000 Airframe log entry N2048V Date: 2-21-14 Tach Time: 593.4 Total Time: 3549.83 Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, inspected landing gear, lubed & op's ck'd landing gear, inspected tires wheels & brakes, op's ck'd lights & electrical, ck'd battery service & charge, replaced all O-rings in shimmy dampner & serviced, C/W A.D. 76-07-12R1 op's ck'd ignition switch to off, A.D. 07-08-08 lubed uplock rollers, ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due 10-17 Altimeter Cert Due 9-15 Transponder Cert Due 9-15 I certify this aircraft has been inspected in accordance with an annual inspection was found to be in airworthy condition at this time.  A&P 3657290 IA

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				CONRAD AERO 1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093 Phone: (269) 279-6000 Airframe log entry N2048V Date: 5-8-14 Tach Time: 608.1 Total Time: 3564.53 Garmin 430 & 530 removed & sent to Mayday avionics for updates, reinstalled after updates & op's ck'd <i>Greg R. Schmitt</i> A&P 3657290 IA

[illegible]

YEAR:	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.)
DATE				
				CONRAD AERO 1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093 Phone: (269) 279-6000 Airframe log entry N2048V Date: 2-2-15 Tach Time: 642.8 Total Time: 3599.23 Inspected wings & flight controls, inspected fuselage & tail, inspected flight control cables & pulleys, inspected landing gear, lubed & op's ck'd landing gear, inspected tires wheels & brakes, serviced shimmy dampner, op's ck'd lights & electrical, ck'd & charged battery, C/W A.D. 76-07-12 R1 op's ck'd ignition switch to off, A.D. 07-08-08 lubed uplock rollers, ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due 10-17 Altimeter Cert Due 9-15 Transponder Cert Due 9-15 I certify this aircraft has been inspected in accordance with an annual inspection was found to be in airworthy condition at this time.  A&P 3657290 IA

YEAR:	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.)
DATE				

Sturgis Aviation Inc.
901 W. Lafayette
Sturgis, MI 49091
Phone 269-659-3773

Date: 3/27/2015
Aircraft Make: Beechcraft
Registration Number: N2048V
Total Time: Hobbs
Landings:

Fit and trim customer supplied vertical fin lower fairing. Prep, prime and painted 3 colors. ---
End.

A3078033
Danny King

D.K.

YEAR:	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.)
DATE				

CONRAD AERO
1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093
Phone: (269) 279-6000
Airframe log entry

N2048V

Date: 2-18-16 Tach Time: 661.4 Total Time: 3617.83
Inspected wings & flight controls, inspected fuselage & tail, inspected flight control
cables & pulleys, inspected & lubed landing gear, op's ck'd landing gear, inspected
tires wheels & brakes, serviced nose strut with hydraulic fluid & air, installed new
valve core in nose strut service valve, op's ck'd lights & electrical, replaced 1 bulb in
rotating beacon, ck'd battery, replaced right fuel quantity transmitter gasket with
new, C/W A.D. 76-07-12 R1 op's ck'd ignition switch to off, A.D. 07-08-08 lubed
uplock rollers, ELT tests OK in accordance with FAR 91.207 par (d), ELT battery due
10-17 Altimeter Cert Due 2-18 Transponder Cert Due 2-18 I certify this aircraft
has been inspected in accordance with an annual inspection was found to be in
airworthy condition at this time.

Greg R. Smith

A&P 3657290 IA

YEAR:	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.)
DATE				

Date: 2-18-16 Tach Time: 661.4

N2048V WO# 6398

I certify that the ATC Transponder(s) were tested and inspected as per 91.413 IAW Part 43, Appendix F Transponder #1 S/N 9590
Transponder #2 S/N N/A
Automatic altitude reporting system tested and inspected as per 91.411 IAW Part 43, Appendix E, Paragraph C to 18,000 feet.

CONRAD AERO
1200 Flightline Dr. Unit 516
Three Rivers, MI 49093
269-279-6000

REPAIR STATION NUMBER C9NR6804

Signature  Date 2-18-16

I certify that the static system(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph A.

CONRAD AERO
1200 Flightline Dr. Unit 516
Three Rivers, MI 49043
269-279-6000

REPAIR STATION NUMBER C9NR6804

Signature  Date 2-18-16

I certify that the altimeter(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph B, by G. Southworth to 18,000 feet.

Lt. Alt. S/N N7313
Rt. Alt. S/N N/A

CONRAD AERO
1200 Flightline Dr. Unit 516
Three Rivers, MI 49093
269-279-6000

REPAIR STATION NUMBER C9NR6804

Signature  Date 2-18-16

YEAR:	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.)
DATE				



www.maydayavionics.com
5500 44th St. SE, Gerald R. Ford International Airport, Grand Rapids, MI 49512 616-957-4920

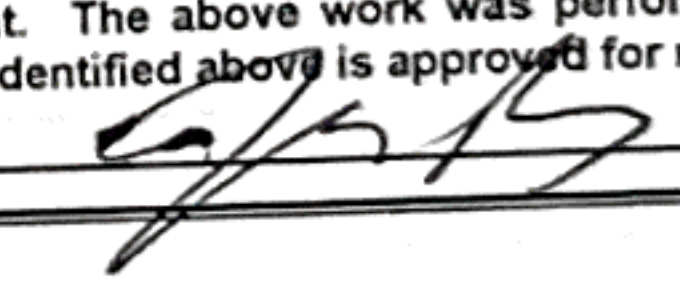
DATE	7-11-16	S.O.	58692
MAKE	Beech	N#	N2048V
MODEL	A36	S/N	E-1404
HOURS	395.4		

Removed, repaired, and reinstalled the Century NSD-360A HSI, S/N 1-12340A. Performed compensator adjustment and ground operation checks – no discrepancies noted.
 o Work performed IAW the Century Manual No. 68S304, Rev 2.

Resealed the GPS antenna referencing AC 43.13-2B, Chapter 3.

Cleaned contacts and performed operational test of Circuit Breaker Lighting – no discrepancies noted.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

 FOR FAA CRS YXXR387Y

Touched up paint
of checked stairs

Twelve Stone Aviation, LLC		802 Airport Rd. Hangar 5 Springdale, AR 72764
REGISTRATION: N2048V	AIRFRAME TT: 3629.83	DATE: 09/22/2016
MODEL: A36	TACH: 673.4	S.N. E-1404

- PERFORMED ANNUAL INSPECTION
- REMOVED LANDING GEAR MOTOR AND GEARBOX FOR OVERHAUL BY CRUISEAIR AVIATION INC. REINSTALLED SAME, RIGGED, TESTED.
- GEAR RETRACTION TEST. NORMAL AND EMERGENCY RETRACTION, NO DEFECTS NOTED.
- REPLACED O-RINGS IN PILOT SIDE BRAKE MASTER CYLINDERS WITH NEW.
- REPLACED FUEL CAP O-RINGS WITH NEW.
- REPLACED NOSE GEAR TRUNION BUSHINGS, TORQUE LINK BUSHINGS WITH NEW. REPLACED O-RINGS IN NOSE STRUT WITH NEW.
- INSTALLED USB POWER SUPPLY WITH 5AMP KLIXON BREAKER.
- INSTALLED HEADPHONE AND MIKE JACKS CONNECTED TO INTERCOM IN 2 REAR SEAT POSITIONS.
- REPLACED INSTRUMENT AIR FILTER PN. ARB AAD9-14-5 AND VACUUM FILTER PN. ARB 3-5-1
- REPLACED ALL TIRES AND TUBES WITH NEW.
- REPLACED NOSE GEAR BEARINGS AND RACES WITH NEW PN. 8231-20629, PN. 8125-20629, MAIN BEARING AND RACES WITH NEW PN. 13889-20629 AND 13836-20629.
- REPLACED BRAKE DISCS WITH NEW, REPLACED O-RINGS IN BOTH BRAKE CALIPERS, AND REPLACED ALL BRAKE LININGS WITH NEW.
- REPLACED BRAKE CALIPER HOSES WITH NEW.
- REPLACED UPPER TAXI LAMP WITH NEW.
- CHECKED ELT PER 91.207d, NO DEFECTS NOTED. ELT BATTERY DUE 10/2017.
- ADS CHECKED THROUGH 09/22/2016
- GROUND RUN PERFORMED, ALL SYSTEMS OPERATED NORMALLY. NO LEAKS NOTED.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

KEVIN S DAVIS

AP431476148IA

YEAR:	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.)
DATE				

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

9-29-2016 Tach. 682.6

N2048V Airframe Log Entry

- Trouble shot instrument air pressure indication is too high. Inspection of instrument air system in engine bay found hose clamps loose. Disassembled and removed hoses to inspected both standby instrument air system check valves. Found main check valve stuck in open position and standby check valve rubber deteriorated. Removed standby instrument air plumbing, capped standby pump outlet fitting, removed power wire from electric drive motor and stowed. Placarded standby instrument air system (IN-OP) at switch. Installed new instrument air hose, P/N 6000-10, from engine driven instrument air pump to regulator. Performed engine run and adjusted instrument air regulator to indicate 5.25 PSI at 2300 RPM. Operational check was good. Overhauled check valves are on order.

William Dorothy A&P 3504028

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

10-4-2016 Tach. 683.3

N2048V Airframe Log Entry

- Removed attitude gyro P/N 1U367-102-2, S/N 1911A and replaced W/Overhauled unit P/N 1U367-102-2, S/N 1679A. Noted wiring pig tails were not connected to any aircraft wiring. Overhaul was performed by Mid-Continent Instruments on W/O# and FAA Form 8130-3 tracking number 000289085 dated Sept. 7, 2016.
- Replaced instrument air main inline filter W/New P/N AA2J4-7. Operational check was good and owner flight test was reported good.

Mahuel Burgos A&P 3231885

YEAR:	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.)
DATE				

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

10-12-2016 Tach. 691.6

N2048V Airframe Log Entry

- Replaced taxi lamp W/New Whelen LED P/N 01-0771833-20, S/N 05388 and operational checked good.

David Westphal A&P 430554968

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

10-19-2016 Tach. 697.3

N2048V Airframe Log Entry

- Trouble shot in-operational Hobbs meter. Found meter power wire connected to standby instrument air pump switch indicating standby instrument air pump operation time. Disconnected wiring to switch and tested Hobbs meter. found meter in-operational. Installed "Tee" fitting into engine oil pressure line at firewall and plumbed new oil pressure switch, P/N M4006-4, using new AN fittings and serviceable MIL Spec. hose. Installed wiring from clock fuse to oil pressure switch and on to new Hobbs meter. Used existing Hobbs meter ground wire. Test ran engine, leak and operational check of Hobbs meter was good.

David Westphal A&P 430554968

YEAR:	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.)
DATE				

11-7-2016 Tach. 713.8 Hobbs 0018.7

N2048V Airframe Log

Entry

- Replaced oil pressure switch for Hobbs meter due to oil leaking thru switch housing. New pressure switch P/N M4006-4. Test ran engine, leak and operational check of Hobbs meter was good.

David Westphal A&P 430554968

11-7-2016 Tach. 713.8, Hobbs 0018.7

N2048V Engine Log Entry

- Removed all fuel injector nozzles and cleaned using an ultrasonic bath. Reinstalled same GAMI injectors in correct cylinders per part number placards and torqued. Pressurized fuel system. Leak check good.
- Performed engine run, operational checks good.

David Westphal A&P 430554968

YEAR:	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.)
DATE				

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

10-28-2016 Tach. 700.5, Hobbs 0004.2

N2048V Airframe Log Entry

- Replaced landing light W/New Galaxy P/N 4596 and operational checked good.

William Dorothy
William Dorothy A&P 3504028

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

10-28-2016 Tach. 700.5, Hobbs 0004.2

N2048V Engine Log Entry

- Drained engine oil and inspected oil filter, no abnormal contaminants noted in filter.
- Serviced engine W/11 Quarts Aeroshell W80 oil and New AA 48109 filter.
- Performed engine run and leak checked good.

Manuel Burgos
Manuel Burgos A&P 3231885

YEAR:	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.)
DATE				

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

12-20-2016 Tach. 726.0, Hobbs 0030.7

N2048V Engine Log Entry

- Drained engine oil and inspected oil filter, no abnormal contaminants noted in filter.
- Serviced engine W/11 Quarts Aeroshell W80 oil and New AA 48109 filter.
- Performed engine run and leak checked good.

Manuel Burgos
Manuel Burgos A&P 3231885

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

12-20-2016 Tach. 726.0

N2048V Airframe Log Entry

- Returned stand-by instrument air system to original normal operating condition by replacing both in line check valves W/Overhauled units (2 each) P/N 1H37-1, S/Ns 16312-5 and 16312-6. Overhauls were performed by Aero Accessories on P/O# D36244, see FAA Form 8130-3 tracking number 040148 dated Nov. 8, 2016. Replaced instrument air hoses as needed W/New MIL-6000-10 hose and stand-by pump inlet air filter W/New P/N AA2J4-7. Operational check of stand-by instrument air was good.
- Replaced upper landing lamp W/New P/N Galaxy 4596 and operational checked good.

David Westphal
David Westphal A&P 430554968

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

1-13-2017 Tach. 742.0

N2048V Airframe Log Entry

- Replaced upper landing light W/New Whelen LED light P/N 01-0771833-20. Operational checked good.

William Clark
William Clark A&P 430554968

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

4/12/2017 Tach. 784.6, Hobbs 0097.8

N2048V Airframe Log Entry

- Replaced beacon light assembly W/Serviceable unit P/N 01-0790081-01, S/N 1183100 and operational checked good.

David Westphal
David Westphal A&P 430554968

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

9/27/2017, Tach. 811.3, Hobbs 1293.3, ACTT 3767.7

N2048V Airframe Log Entry

- Performed 100 Hour/Annual Inspection I/A/W FAR 43 App. D. All work was performed I/A/W current Beech A36 Maintenance Manual.
- Checked ADs through ATP revision dated 9/27/2017. See AD compliance report in aircraft records for details.
- No record of compliance with AD 2009-25-01 found. C/W AD 2009-25-01 by inspection of pilot and co-pilot shoulder harnesses "D" ring washers. Both have correct washers install per Beech MSB 2394. No further action required.
- C/W AD 2007-08-04 by inspection and dressing propeller blades as needed, no other defects noted. Installed required placard on instrument panel. Next inspection is due at 911.3 Tach. or Annual 2018.
- C/W AD 76-07-12 R1 by operational check of ignition switch, next due at 911.3 Tach.
- Removed existing Brackett foam engine air filter and replaced W/New OEM Paper filter P/N P10-5304. AD 84-26-02, replacement of paper engine air filter is due at 1311.3 Tach.
- Removed ELT, inspected and tested I/A/W FAR 91.207 (d). Reinstalled ELT and retested. Next battery replacement is

"Continuation"

- During cleaning and inspection of fuel strainer assembly found strainer screen installed upside down. Properly orientated fuel strainer screen in fuel strainer housing.
- During gear system inspection found door close bellcrank and rods on top of gear box not properly assembled and chafing on bellcrank. Properly orientated spacers to door close rods on gear bellcrank. Operational checked good.
- Replaced missing left forward cowl latch spring W/Serviceable unit. Rigged left cowl door latches to operate properly.
- Replaced instrument air and pump inlet filters W/New (1 each) P/Ns AA2J4-7 and AAD9-14-5.
- Replaced engine control cable assemblies W/New (Propeller) P/N 36-380061-3, (Mixture) P/N 36-380061-5 and (Throttle) P/N 36-380061-1. Replaced rod ends on propeller and mixture controls W/New (2 each) P/N S1106-3. Removed bronze throttle and mixture control levers at fuel control valve and replaced W/New stainless levers (2 each) P/N 656219. Rigged each control for proper operation and cotter pinned each. Each operational checked good.
- Replaced engine alternate air door, spring and hinge pin W/New P/Ns 002-910011-15 Door, 35-910288-1 Spring and 102361-00300 Hinge Pin, Fit and operational checked good.
- Removed excessive free play in elevator bellcrank by re-torquing pivot bolt castle nut and re-cotter pinned.
- Removed shimmy damper, disassembled and inspected. Found FWD internal shaft piston stuck and spring broken. Removed stuck FWD internal shaft piston and broken spring. Cleaned internal shaft bore. Reassembled W/New FWD internal shaft floating piston P/N 35-825152 and both springs P/N RN100943ZE316G. Replaced all o-rings W/New (4 each) P/N MS28775-115, (2 each) MS28775-006 and (2 each) MS28775-012. Serviced W/MIL-H-5606 fluid, operational and leak checked, reinstalled.
- Found aft elevator trim cables twisted and rubbing together. Inspection noted no damage to cables. Removed swivel pin, untwisted trim cables as needed, reinstalled and re-safetied pin. Operational check through full up and down travel checked good.
- Relocated previously installed power outlet from floorboard behind pilot seat to side panel behind pilot seat. Inspection of wire size and circuit protection found correct. Identified circuit break as 24V outlet.
- Mounted APPAREO Stratus USB charging port in blank out panel of pilot left subpanel. Routed wiring to avionics buss and connected to un-used 5 AMP circuit breaker, labeled USB. Operational checked good.
- Serviced right and left main gear struts W/Nitrogen to proper extension.
- Replaced left muffler heat/drip shield assembly W/Overhauled unit P/N 95-910019-25-R, S/N 177255. Overhaul was performed by Aerospace Welding Inc. on W/O and FAA Form 8130-3 tracking number 177255 dated 9/25/2017.
- I certify that this Aircraft was inspected I/A/W an Annual inspection and was determined to be in airworthy condition.

YEAR:	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.)
DATE				

Wings Avionics, Inc. 421 Ernest Lancaster Dr. Fayetteville, AR 72701 W1NR1050
LOG ID# 4030 01-February-2018 WO# 6779 REF# 6779 HOBBS 157.6
N2048V S/N E-1404 BEECH A36 TACH 839.8

Pg 2 / 2

**** ITEM # 6779-3 CHECK AUDIO PANEL SQUELCH LEVEL ****

DISCREPANCY: CHECK AUDIO PANEL SQUELCH LEVEL.

Model: GMA347

ACTION: UNIT NEEDS TO BE ADJUSTED FOR MASTER SQUELCH SENSITIVITY LEVEL. WILL COMPLETE WORK AT LATER DATE.

**** ITEM # 6779-4 CHECK HSI-SLAVED COMPASS FUNCTION INOP ****

DISCREPANCY: CHECK HSI-SLAVED COMPASS FUNCTION INOP.

Model: NSD360A Part#: 52D137-1333 Serial#: 1-12340A

ACTION: RAMP TESTED AND VERIFIED CUSTOMER COMPLAINT. GAINED ACCESS TO 1C714 SLAVING AMPLIFIER LOCATED IN THE REAR FUSELAGE, CHECKED RESISTANCE THROUGH FLUX DETECTOR, AND VERIFIED NORMAL RESISTANCE READINGS. CHECKED OHMAGE THROUGH NSD360A ROTOR AND STATOR WINDINGS AND FOUND OPEN RESISTANCE READING THROUGH CT ROTOR WINDINGS. GAINED ACCESS TO HSI CD-111 BREAK PLUG CONNECTOR AND READ RESISTANCE ACROSS PINS "A" AND "H" AND FOUND OPEN. PROBLEM ISOLATED TO DEFECTIVE HSI. REASSEMBLED A/C AND NO FURTHER ACTION TAKEN.

MAINTENANCE RELEASE / RETURN TO SERVICE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

Brady N Terry 2-1-2018
W1NR1050 BRADY N TERRY Date

YEAR:	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.)
DATE				

I CERTIFY THAT THE ALTIMETER SYSTEM AND ALTITUDE REPORTING SYSTEM TEST AND INSPECTION REQUIRED BY FAR 91.411 HAS BEEN PERFORMED I/A/W PART 43, APPENDIX E. THE ALTIMETER WAS TESTED TO 20,000 FEET BY

CRS W1NR1050

W/O

SIGNED Brady N Terry DATE 2-1-2018



WINGS AVIONICS INC.
421 ERNEST LANCASTER DR.
FAYETTEVILLE, AR 72701

SCALE CORRECTIONS		ALT SERIAL # <u>N7513</u>	
ALTIMETER		ALTIMETER	
READS	UP	READS	UP
-1000	<u>-10</u>	12000	<u>+10</u>
0	<u>0</u>	14000	<u>+20</u>
500	<u>+5</u>	16000	<u>+40</u>
1000	<u>0</u>	18000	<u>+80</u>
1500	<u>+5</u>	20000	<u>+120</u>
2000	<u>+5</u>	22000	
3000	<u>+5</u>	25000	
4000	<u>+5</u>	30000	
6000	<u>+5</u>	35000	
8000	<u>+10</u>	40000	
10000	<u>+10</u>	45000	
		50000	

WINGS AVIONICS, INC.

W.O. 6779

N 2048V

CRS W1NR1050

DATE

SIGNED

2-1-2018
Brady N Terry

I CERTIFY THAT THE TRANSPONDER INSPECTION REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/A/W PART 43, APPENDIX F.

TYPE Collins T02950 S/N 9590

CRS W1NR1050

W/O 6779
SIGNED Brady N Terry
DATE 2-1-2018

YEAR:	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.)
DATE				

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

3/1/2018, Tach. 841.3, Hobbs 158.5, TSOH 848.4/2-17-2005 N2048V Engine Log Entry

- Removed both magnetos for 500 hour inspection, Right P/N 10-349350-5, S/N I049331F and Left P/N 10-349350-4, S/N L109210F. Both magnetos were overhauled by Aircraft Magneto Service on W/O#s 16713 and 16711, see tags dated 2/28/2018. Reinstalled each overhauled magneto to engine at 22° BTC using new supplied gaskets. Performed engine run, operational and leak check was good.

David Westphal
David Westphal A&P 430554968

YEAR:	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.)
DATE				

ABS Avionics, Inc. CRS#485R359D
4900 Old Phoenix Ave. Fort Smith, AR 72903

Date: 7/25/2018
W/O#: 0166

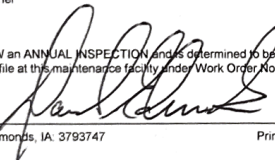
Logbook Entry

Registration: N2048V Make/Model: Beech A36 S/N: E-1404

Removed Collins TDR-950 transponder, TCI SSD0120 encoder. Installed Garmin GTX345 ADS-B Transponder p/n 011-03302-00 s/n 3EG021917 and Garmin GAE 12 encoder p/n 011-03080-00 s/n 3T6006922 I.A.W. STC# SA01714WI. The installed ADS-B system was shown to meet the equipment requirements of 14 CFR part 91.227, The transponder has been tested and found to comply with FAR part 43 appx. (F) as required by FAR 91.413. Garmin Flightstream 210 installed IAW current installation manual. GNS 530W software updated to level 5.04, GMA 347 software updated to current level. See FAA form 337 this date for detailed installation data.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed: *Amc* Date: 7/25/2018

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
	MAKE: Beech MODEL: A36 S/N: E-1404 REG. NO: N2048V WORK ORDER: 1033-09-2018  2615 S. Main St Searcy, AR 72143 Phone: (870)217-0832 DATE: 11/1/2018 A/C TSN: 3868.6 TACH: 912.2			
	Airframe Entries (1) C/W Annual/100HR Inspection and service I.A.W. Maintenance Manual and 14 CFR Part 43 Appendix "D" Checklist (6) Installed FTA-010-51 Air Conditioning system IAW FTA Installation Manual, FTA-101-1 and Installation Drawings approved for STC No. SA00257BO for this installation. See Form 337 this date. W&B updated in aircraft flight manual. (7) Replaced Pilot and Copilot brake master cylinder flex hoses with new P/N 124V002-4CR0130 (4ea) and P/N 111V417-4S0107 (4ea). Bled brake system and ops checked. (8) Relocated ELT behind cabin bulkhead panel and relocated Flux Valve to lower stringer same F.S. no change in W&B. Work performed IAW AC43.13.2B. Function check good. (9) Replaced subpanel lighting rheostat with new P/N VW1KSPB (10) C/W AD 76-07-12 R1, operational check of ignition switch good. Next due AFTT 3968.6 (12) Removed fuel boost pump P/N 1296-00-1 S/N 0273. Installed PMA'd Weldon fuel boost pump P/N 18021-B S/N 198678. Ops check - ok. Technicians Who Worked On The Items Listed Above: Jonathan Edmonds, Josh Taylor, Terry Turner Maintenance Release I certify this airframe has been inspected IAW an ANNUAL INSPECTION and is determined to be in airworthy condition at this time. Pertinent details of the repair are on file at this maintenance facility under Work Order No. 1033-09-2018, Dated 11/1/2018. DATE: 11/1/2018 SIGNED:  Work Order: 1033-09-2018 David Edmonds, IA: 3793747 Printed by EBIS 3 (datcomedia.com)			

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
	Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712 11/8/2018 Tach. 914.3, Hobbs 236.9 N2048V Airframe Log Entry • Replaced Insight Instruments #4 CHT gasket probe W/New P/N 2853, S/N 26334.  David Westphal A&P 430554968			
	Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712 11/28/2018 Tach. 915.0, Hobbs 236.9 N2048V Airframe Log Entry • Removed rudder for repairs (11/12/2018). Reinstalled repaired rudder provided by owner. Repairs were performed by Mountain Airframe, see FAA Form 337 signed by Charles W. McKenney dated November 27, 2018, for details of repairs. Operational check was good.  David Westphal A&P 430554968			
	Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712 1/30/2019, Tach. 935.9, Hobbs 236.9 (In-Op) N2048V Airframe Log Entry • Removed rudder due to squawk by owner of leading-edge chafing on trailing edge of aft right vertical fin skin. Inspection of previous installation found no defects. Manipulated leading-edge of rudder skin in chafing area for better clearance between the aft vertical fin skin and the rudder leading-edge. Reinstalled rudder. Operational check was good. • Removed right brake caliper, disassembled, cleaned and inspected. Reassembled W/New O-rings (2 each) P/N MS28775-222. Bled right brake. Operational and leak check was good.  Jonathan Taylor Moore A&P 3847423			

AFTERGLOW

AIRCRAFT SOLUTIONS

4580 South School Ave
Fayetteville, AR 72701
1855.423.8456 info@afterglowaircraft.com

Make and Model	Serial No.	Reg. No.	Hobbs	A/C Total Time	Landings
Beechcraft A36 Bonanza	E-1404	N2048V	0236.9		

1. Recover side panels, and armrest in 440002 Hampton Saddle Leather, and Truffle 11030 Leather.
2. Remove existing carpet and replace with Ellis Premier RR-255 Vision
3. Remove and paint plastics in Sherwin Williams Jet-flex Custom matched to headliner material.
4. Avionics panel and cabin trim laminated using Laminart Oiled Teak Gloss, 3050-G
5. Install Straus one USB outlet P/N:153010-000029, S/N: 063133 in Cabin.
6. Re-install Interior.
7. Weight and Balance Change: Negligible

March 29th 2019

Work was accomplished IAW Beechcraft A36 Bonanza Maintenance Manual, Illustrated parts catalog, AC-43.13-B, section 9-60, and 9-62. The aircraft identified above inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed. Details of repairs on file under W/O# 2802

Kevin S. Davis

AP431476146A

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

8/21/2019, Tach. 1001.2, Hobbs 236.9 (In-Op)

N2048V Airframe Log Entry

- Removed upper and lower left wing root seals. Cleaned all old glue from fuselage and wing.
- Installed new upper wing root seal Beech P/N 115092 AMS3208 (Purchased from Performance Aero Inc. under P/N 186). Glued outside edging as needed using 3M 1300L adhesive.
- Installed new lower wing root seal Beech P/N 111722 (Purchased from Performance Aero under P/N 187a). Installed using 3M 1300L adhesive.

Jonathan Taylor Moore A&P 3847423

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

8/27/2019, Tach. 1002.7, Hobbs 236.9 (In-Op)

N2048V Airframe Log Entry

- Removed right brake caliper assembly, disassembled, cleaned and inspected. Reassembled W/New piston O-rings (2 each) P/N MS28775-222.
- Replaced right brake linings W/New (4 each) P/N 066-10500.
- Reinstalled right brake caliper assembly and bled right brake W/MIL-H-5606 fluid. Operational and leak check was good.

Jonathan Taylor Moore A&P 3847423

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

9/25/2019, Tach. 1014.4, Hobbs 236.9 (In-Op)

N2048V Airframe Log Entry

- Removed upper and lower right-wing root seals. Cleaned all old glue from fuselage and wing.
- Installed new upper right-wing root seal Beech P/N 115092 AMS3208 (Purchased from Performance Aero Inc. under P/N 186). Glued outside edging as needed using 3M 1300L adhesive.
- Installed new lower right-wing root seal Beech P/N 111722 (Purchased from Performance Aero under P/N 187a). Installed using 3M 1300L adhesive.
- Replaced right upper forward wing bolt cover attachment clip W/New P/N 35-105005-4.

Jonathan Taylor Moore A&P 3847423

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

10/18/2019, Tach. 1019.9,

N2048V Airframe Log Entry

- Replaced Engine Driven vacuum pump with Aero Accessories Overhauled pump P/N AA3216CW, S/N 0D9P12, using new supplied gasket.
- Replaced Backup Electric driven pump with Aero Accessories Overhauled pump P/N AA3215CC, S/N 094N06.
- Replaced instrument air filters with (2ea) new inline filters P/N AA2J4-7, and (1ea) new pump inlet filter element P/N AAD9-14-5.
- Test ran engine and verified vacuum pressure at normal cruise RPM.

Jonathan Taylor Moore A&P 3847423

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

12/2/2019, Tach. 1024.5, Hobbs 237.2, ACTT 3980.9

N2048V Airframe Log Entry

- Performed 100 Hour/Annual Inspection I/AW FAR 43 App. D. All work was performed I/AW current Beech A36 Maintenance Manual.
- Checked ADs through ATP revision dated 12/1/2019. See AD compliance report in aircraft records for details.
- C/W AD 2019-23-10 by inspection I/AW this AD. Safety Clips are installed W/No corrosion noted. Both turn buckles are in the wing wheel well. No further action is required.
- C/W AD 2007-08-04 by inspection and dressing propeller blades as needed, no other defects noted. Required placard is on the instrument panel. Next inspection is due at 1124.5 Tach. or Annual 2020.
- C/W AD 76-07-12 R1 by operational check of ignition switch, next due at 1124.5 Tach.
- Removed ELT, inspected and tested I/AW FAR 91.207 (d). Testing of the installed Ameri-King ELT failed.
- Removed Ameri-King ELT and replaced W/New ARTEX ELT 345 Kit P/N A3-06-2880, S/N 317-00699. Hex ID is; 2DC89-E8576-FFBFF. Battery P/N is A3-06-2883, S/N 382554-021 W/Expiration date of Oct. 2026. Installed ELT I/AW ARTEX Installation Instructions to same location as original ELT. Mounted whip antenna to original antenna location and mounted remote switch to left instrument panel. Wired GPS function to GPS RS-232 Out pin 56 of #2 radio. Considered weight and balance change negligible.
- During cleaning and inspection of fuel strainer assembly found strainer screen installed upside down. Properly orientated fuel strainer screen in fuel strainer housing. Leak check was good.
- Replaced left brake linings W/New (4 each) P/N 66-105.
- Removed pilot left and co-pilot right brake master cylinders due to leakage. Disassembled, cleaned and inspected each. Reassembled each W/New (2 each) O-rings P/Ns MS28775-011, MS28775-111 and MS28775-113. Reinstalled and bled brake system W/MIL-H-5606 fluid. Operational and leak checks were good.
- Replaced engine induction system drain hose from aft throttle body to right lower cowling W/New (1 foot) 306-4 hose.
- I certify that this Aircraft was inspected I/AW an Annual inspection and was determined to be in airworthy condition.

William Dorothy A&P 3504028 IA



www.beaconregistration.noaa.gov

Exp.: 12/29/2021

2DC89 E8576 FFBFF

If activated, call the AFRCC at

1-800-851-3051

YEAR:	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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ABS Avionics, Inc. CRS#485R359D
4900 Old Phoenix Ave. Fort Smith, AR 72903

Date: 6/30/2020
W/O#: 0792

Logbook Entry

Registration: N2048V Make/Model: Beech A36 S/N: E-1404

Found altimeter to have case leak. Removed P/N 5934-1.A67 s/n K7513 and installed overhauled unit P/N 5934-1.67 s/n 4D176. Tested the Altimeter, static pressure system, and the automatic pressure altitude reporting system and found each to comply with FAR part 43 appendix (E) as required by FAR 91.411. The ATC transponder has been tested and found to comply with FAR part 43 appendix (F) as required by FAR 91.413.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed: 

Date: 6/30/2020

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ic entries.)

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712

1/6/2021, Tach. 1105.4, Hobbs 330.6, ACTT 4061.8 N2048V Airframe Log Entry

- Performed 100 Hour/Annual Inspection I/A/W FAR 43 App. D. All work was performed I/A/W current Beech A36 Maintenance Manual.
- Checked ADs through ATP revision dated 1/6/2021. See AD compliance report in aircraft records for details.
- C/W AD 2007-08-04 by inspection and dressing propeller blades as needed, no other defects noted. Required placard is on the instrument panel. Next inspection is due at 1205.4 Tach. or Annual 2022.
- C/W AD 76-07-12 R1 by operational check of ignition switch, next due at 1205.4 Tach.
- Removed ELT, inspected and tested I/A/W FAR 91.207 (d). Battery P/N A3-06-2883, S/N 382554-021 W/Expiration date of Oct. 2026 is installed. Reinstalled ELT.
- Inspection of fuel strainer assembly found strainer screen was clean. Reinstalled W/New gasket P/N 35-921181. Leak check was good.
- Removed both fuel caps, disassembled, cleaned, and inspected. Reassembled W/New O-rings (2 each) P/Ns MS29513-338 and MS29513-010, reinstalled.
- Found left wing fuel vent broken off. Cut vent line in left wheel well and removed broken "Y" fuel vent line assembly. Fabricated new line and spliced into aft of the "Y" using hose. Reinstalled "Y" vent line W/New hose interconnect and bottom skin grommet (2 each) P/N AN931-4-7 to left and right fuel vent line.
- Replaced right and left mufflers W/New P/N Right A701-5, S/N 203480 and Left P/N A701-4, S/N 203473. Installed W/New hardware/spring kit P/N S200.
- Replaced fresh air ducting to right muffler W/New 3' SCAT-12.
- Replaced ducting to defroster plenum at glair shield W/New 3' SCAT-10.
- Serviced both main struts W/Nitrogen to proper level.
- Replaced one damaged rivnut at tail cone attachment W/New NAS1239A08-75 and screw.
- Noted excessive movement in nose gear steering idler arm assembly. Removed nose gear steering idler are, cleaned and inspected. Reinstalled W/Shims to remove excessive movement and lubricated. Operational checks were good.
- Removed compass and serviced W/New gasket kit and compass fluid. Reinstalled, operational and leak checks were good.
- Found flap position indicator indicates full down as soon as master switch is turned on. Troubleshooting found flap position transmitter not sending proper signal. Removed flap position transmitter, disassembled, cleaned, and inspected. Found wire solder connection inside transmitter faulty. Re-soldered connections, reassembled, and reinstalled. Rigged transmitter. Operational checks had normal operation of flap indicator.

"Continued"

"Continuation"

- Inspection of elevator bell crank assembly found excessive movement. Adjusted elevator bell crank pivot bolt castle nut for proper torque and installed new cotter pin. Lubricated pivots W/LPS 1 and LPS3 as needed. Operational checks were good.
- Replaced left and right main gear uplock, ice protection canvas covers W/New Performance Aero P/N 060.
- I certify that this Aircraft was inspected I/A/W a 100 Hour/Annual inspection and was determined to be in airworthy condition.

William Dorothy A&P 35040281A

YEAR:	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of ific entries.)
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ABS Avionics, Inc. CRS#485R359D
4900 Old Phoenix Ave. Fort Smith, AR 72903

Date: 6/15/2021

W/O#: 905

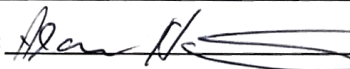
Logbook Entry

Registration: N2048V Make/Model: Beech A36 S/N: E-1404

Removed Garmin GNS 530W P/N 011-01064-45 s/n 78300853 ,MCI MD41-1888GPS/ACU, MKR 350 marker beacon indicator,IND 351 vor indicator,NSD 360 slaved HSI system. Installed Garmin GTN 750 GPS/NAV/Com P/N 011-02282-00 s/n 1ZA010554 IAW STC SA2019SE. Removed Garmin GDL 69 XM receiver P/N 011-00986-00 s/n 47703069 and replaced with GDL 69A XM receiver P/N 011-00987-00 s/n 47758397. Removed all avionics breakers and replaced with new Klixon P/N 7277-2-XX. Lower EL panels P/N's 380133-53,380126-3 and 360380019-15 removed and repaired, relamped and refurbished by Air Capitol Dial and reinstalled. 4 each 2n3055 transistor replaced in dimmer ckts. Replaced 1 dimmer reostat. Copilot Lemo jack replaced.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed:



Date:

6/15/2021

YEAR:	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
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DATE	ABS Avionics, Inc. CRS#485R359D 4900 Old Phoenix Ave. Fort Smith, AR 72903	Date: 6/15/2021 W/O#: 905
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Logbook Entry

Registration: N2048V	Make/Model: Beech A-36	S/N: E-1404
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Removed models, 1u367 attitude gyro, 300-14EL horzion reference indicator, airspeed indicator, vertical speed indicator, altimeter instrument. Installed Servicable Garmin GDU 620 primary flight display P/N 011-01264-50 s/n 165204685, GMU-44 magnoetometer P/N 011-00870-00 s/n 47525101, GDC-74A airdata computer P/N 011-00882-10 s/n 206211973, GRS 77 attitude/headefing reference system P/N 011-00868-10 s/n 42032276 and GAD-43E autopilot interface P/N 011-12349-00 s/n 1V7050610 IAW STC # SA02153LA-D See FAA Form 337 dated 6/15/2021 for installation references. The weight and balance/equipment list has been revised to reflect this installation. Instrument panels removed and Envision Avionics Panel installed with new custom avionics rails Negiable weight and balance change reflected by the panel change.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed:  Date: 6/15/2021

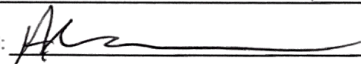
YEAR:	ABS Avionics, Inc. CRS#485R359D 4900 Old Phoenix Ave. Fort Smith, AR 72903	Date: 6/15/2021 W/O#: 905
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Logbook Entry

Registration: N2048V	Make/Model: Beech A36	S/N: E-1404
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Removed vacuum systems from engine, removed vacuum driven instruments and vaccuum system regulator and indicating gage. Installed factory covers on enginge case. Installed Garmin G5 electronic flight instrument ,GAD 29 A to D converter and GTP 59 temp probe IAW STC # SA01818WI. Removed EGT/CHT probes, fuel quantity indicators, MP/FF indicator, tacometer, engine cluster, Gem 610 engine monitor. Installed JP Instruments Model EDM 930 Primary engine information system IAW STC # SA2585NM and STC # SA02511SE. Replaced fuel qantity sensors both side inboard and outboard with CIES fuel level sender IAW STC SA02511SE. Fuel system calibrated. See FAA form 337 dated 5/15/2021 for details. See revised weight/balance/equipment list for part Numbers and s/n.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed:  Date: 6/15/2021

YEAR: RECORDING TODAYS TOTAL Description of Inspections, Tests, Repairs and Alterations

DATE

ABS Avionics, Inc. CRS#485R359D

4900 Old Phoenix Ave. Fort Smith, AR 72903

Date: 6/15/2021

W/O#: 905

Logbook Entry

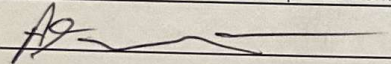
Registration: N2048V

Make/Model: Beech A 36

S/N: E-1404

The static pressure system, each altimeter instrument, the airdata computer and the automatic pressure altitude reporting system has been tested and found to comply with FAR part 43 appendix (E) as required by FAR 91.411. The ATC transponder has been tested and found to comply with FAR part 43 appendix (F) as required by FAR 91.413.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed: 

Date: 6/15/2021

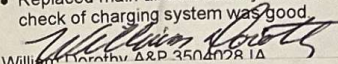
of
es.)

Summit Aviation LLC 2440 SW Aviation St.

7/26/2021, Tach. 1118.0, ACTT 4074.4

Date (dd/mm/yyyy):
N2048V Airframe - 12/20/2021

- Replaced main aircraft battery W/New Concorde P/N RG24-16, S/N 41163774. Performed engine run. Operational check of charging system was good.


William H. Dwyer A&P 3504028 IA

ABS Avionics, Inc. CRS#485R359D

4900 Old Phoenix Ave. Fort Smith, AR 72903

Date: 12/20/2021

W/O#: 1225

Logbook Entry

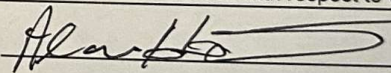
Registration: N2048V

Make/Model: Beech A36

S/N: E-1404

S-Tec 55X computer P/N 01192-3-8T s/n 0803-13170 removed for pitch movement when in altitude hold mode. Unit returned to manufacture for testing and repair on SRO # R000101844. Unit returned with no fault found. Unit reinstalled and pressure transducer P/N 0111 s/n 0804-39634 removed and servicable transducer s/n 1320-43973 installed. Autopilot ground test normal. Flight test normal.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed: 

Date: 12/20/2021

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

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712
 2/7/2022, Tach. 1175.4, Hobbs 1182.4, ACTT 4131.8 N2048V Airframe Log Entry

- Performed 100 Hour/Annual Inspection I/A/W FAR 43 App. D. All work was performed I/A/W current Beech A36 Maintenance Manual.
- Checked ADs through ATP revision dated 2/7/2022. See AD compliance report in aircraft records for details.
- C/W AD 2007-08-04 by inspection and dressing propeller blades as needed, no other defects noted. Required placard is on the instrument panel. Next inspection is due at 1275.4 Tach. or Annual 2023.
- C/W AD 76-07-12 R1 by operational check of ignition switch, next due at 1275.4 Tach.
- Removed ELT, inspected and tested I/A/W FAR 91.207 (d). Battery P/N A3-06-2883, S/N 382554-021 W/Expiration date of Oct. 2026 is installed. Reinstalled ELT.
- Replaced 2 feet of heater duct W/New SCAT-12 and New hose clamp.
- Removed shimmy dampener and serviced with New MIL-H-5606 fluid.
- Aight RH elevator rod end and torqued jam nut.
- Removed, cleaned, and installed New Velcro to landing gear cover handle.
- Removed JPI oil pressure sensor and secured to firewall with New MS21919 clamp.
- I certify that this Aircraft was inspected I/A/W an Annual inspection and was determined to be in airworthy condition.

David Westphal A&P 430554968 IA

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.)

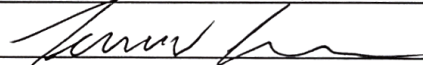
ABS Avionics, Inc. CRS#485R359D
 4900 Old Phoenix Ave. Fort Smith, AR 72903

Date: 08/18/2022
 W/O#: 1437

Logbook Entry

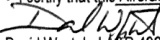
Registration: N2048V Make/Model: Beech A36 S/N: E-1404
 Removed faulty GRS-77 P/N 011-00868-10 S/N 42032276 installed an Overhauled exchange GRS-77 P/N 011-00868-10 S/N 42035166. Performed targeted software and configuration loads as required. System function check ok IAW Garmin G500 Maintenance manual.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed:  Date: 8/18/2022

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712
2/27/2023, Tach. 1232.6, Hobbs 1243.8, ACTT 4189.0
N2048V Airframe Log Entry

- Performed 100 Hour/Annual Inspection I/AW FAR 43 App. D. All work was performed I/AW current Beech A36 Maintenance Manual.
- Checked ADs through ATP revision dated 2/27/2023. See AD compliance report in aircraft records for details.
- C/W AD 2007-08-04 by inspection and dressing propeller blades as needed, no other defects noted. Required placard is on the instrument panel. Next inspection is due at 1332.6 Tach. or Annual 2024.
- C/W AD 76-07-12 R1 by operational check of ignition switch, next due at 1332.6 Tach.
- C/W AD 84-26-02 by installing New engine air filter P/N P105304. Next due at 1732.6 tach.
- Removed ELT, inspected and tested I/AW FAR 91.207 (d). Battery P/N A3-06-2883, S/N 382554-021 W/Expiration date of Oct. 2026 is installed. Reinstalled ELT.
- Removed shimmy dampener and serviced with New O-Rings P/N MS28775-115 (4 each), MS28775-012 (2 each), MS28775-006 (2 each), and MIL-H-5606 fluid.
- Installed oversized bolt in RH cowl flap inboard hinge to remove excessive play.
- Closed up multiple holes in back side of engine baffling W/New hole plugs.
- Adjusted LH cowl door for smoother opening.
- Removed and replaced RH and LH main tires and tubes W/New tire P/N 706C66-3 and New tubes P/N 302-061-400. Leak checks were good.
- I certify that this Aircraft was inspected I/AW an Annual inspection and was determined to be in airworthy condition.


David Westphal A&P 430554968 IA

Beechcraft Bonanza A36

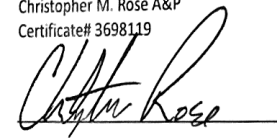
E-1404

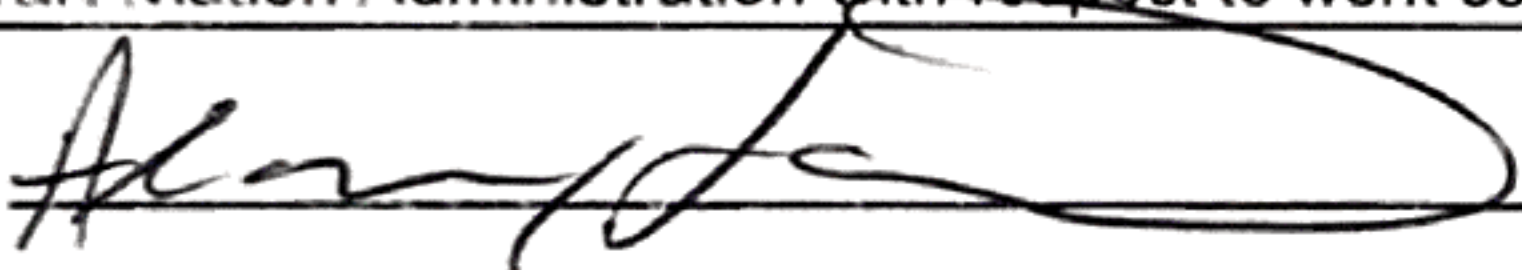
- Replaced static wick on LH elevator. PN: SW10-96, Lot# 427, SN 1122

June 5th, 2023

I certify that the above stated maintenance and/or inspection has been performed IAW current FAA regulations and the Beech A36 Bonanza maintenance manual and is approved for service with respect to the work performed.
Details on file under Work Order #5273

Christopher M. Rose A&P
Certificate# 3698119



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.)
			ABS Avionics, Inc. CRS#485R359D Date: <u>8/15/2023</u> 4900 Old Phoenix Ave. Fort Smith, AR 72903 W/O#: <u>1744</u> Logbook Entry Registration: <u>N2048V</u> Make/Model: <u>Beech A36</u> S/N: <u>E1404</u> The transponder system has been inspected and found to comply with FAR Part 43 Appendix (F) as required by FAR 91.413. The altimeter instruments, ADC static pressure system and automatic pressure altitude reporting system have been inspected and found to comply with FAR Part 43 Appendix E as required by FAR 91.411. Pertinent details of this inspection can be found on file at ABS Avionics, Inc. under this workorder. This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed. Signed: <u></u> Date: <u>8/15/2023</u>

02/07/2024 Beechcraft A36 N2048V S/N: E-1404 AFTT: 4271 Tach: 1314.6
 Continental IO-550B S/N: 281875-R TSO: 1321.7
 McCauley D3A32C409-C S/N: 983661 TSO: 706.5 SNEW: 2009.5
 Performed 100 hour/ annual inspection and servicing per Beechcraft Bonanza 36 Series Shop Manual and the scope and detail of FAR 43 appendix D. Performed ELT inspection per FAR 91.207d. Battery due 05/2027.
 Removed the following parts: Beacon Flasher P/N:01-0790081-01, S/N:1183100. Whelen Strobe Power Supply P/N:01-0770028-05, S/N:51784.
 L&R Strobe Flash Heads P/N:701148-7-2, S/N:2377-S/N:2374. Grimes Rear Position Light P/N:30-0815-1, S/N:2048. L&R Grimes Foreward Position Light assemblies P/N:A-1815A-R-7512 P/N:1815A-G-7512.
 Installed Wilco LED light kit P/N: W-BE-A-28-A IAW STC# SA01904WI w/AML.
 The following lights were installed- P/N:01-0790701-12F S/N:020338, P/N:01-0790701-11F S/N:020348, P/N:01-0771774V02E S/N:661163, P/N:01-0772170-02 S/N:16013470027, P/N:01-0772170-02 S/N:16013470025.
 Installed Whelen Aerospace Technologies LED Flashing Split Anti-Collision Light Assembly P/N: 01/-0790520-05 B, S/N: 730104 IAW STC# SA615EA w/ AML.
 Installation performed w/ reference to Wilco STC Installation and Instructions for Continued Airworthiness Document # 07217-008, Master Drawing List Document # 07217-006-A-28, Whelen Aerospace Technologies Installation Guide/ICA for Aviation model OR500V2 LED Tail Position/ Anti-Collision Light Assembly P/N: 01-0771774V02, WAT Installation Guide/ICA for Aviation model(s) OR6502GE/OR6502RE Wingtip Position/Anti-Collision Lighthouse P/N: 01-0790701-11, 01-0790701-12, WAT Installation Guide/ICA for model 90520 series P/N: 01-0790520-05, and AC43.13-2B. Ops check completed. Weight and Balance updated and entered into aircraft records. See form 337 this date for return to service.
 Replaced Brake rotors and linings w/new FAA/PMA parts APS164-02505, APS66-10500. Resealed right brake caliper. Bled and serviced brake system w/ Mil-PRF 5606. Cleaned fuel strainer and installed new gasket P/N:35-921181. Installed new Viton fuel cap O-rings. Removed nose gear, inspected mount bushings and hardware. Re-installed and torqued/safetied.
 Replaced the following bushings in Landing gear: Nose gear torque knee bushing P/N:35-820028, bolt P/N:130909B170. Main gear torque knee (l&r) bushing P/N:105739-SYK-0431, bolt P/N: AN5-13. Main gear retract brace (L&R) upper bushing P/N:35-810122-1, lower bushing P/N:35-815124. Gear ops check/emergency extension check completed. Work performed w/ reference to Beech Bonanza 36 Series Shop Manual. → OVER

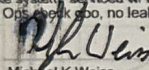
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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From Previous Page:
 AD's checked to date. I certify that this aircraft has been inspected per FAR 43.15 (a)(1)(c)(1)(2) for an annual inspection and has been determined to be in airworthy condition.
 - Carl Shropshire IA476826099

 Sills Aviation Services 1234 County Road 206 Giddings Texas 78942 (979) 542-6081	Make: Textron (Beech) Model: A36 Tail: N2048V S/N: E-1404
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Hours: Tach: 1314.6

Replaced the following O-rings in all 4 Brake Master Cylinders.
 AN6227B-06 (1ea)
 AN6227B-09 (1ea)
 AN6227B-11 (1ea)
 Bled brake system, serviced w/ MIL-PRF-5606. Work performed w/ reference to Beech Bonanza 36 Series Shop Manual. Ops check goo, no leaks noted. END—

Signed: 
 Name: Michael K Weiss

Cert: 3566362
 Date: 02/13/2024

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Date	Make Model	Tail #	Serial #	Airworthiness Directives Compliance
02/07/2024	Textron (Beech) A36	N2048V	E-1404	
Airframe Hours: Tach: 1314.6 AFTT: 4271.0				
Misc:				
Engine: Continental IO-550-B		S/N: 281875-R	Hours: TSO: 1321.7	
Propeller: McCauley D3A32C(4-) Series		S/N: 983661	Hours: TTP: 2009.5 TSO: 706.5	

AD#	Category	Subject	Amend #	Eff Date	Rec	Remarks
Date/Hours Compliance	Next Due	Name	Signature	Cert#		
Airframe: Textron (Beech) A36						
95-04-03	Airframe	Wing Carry Through Frame Inspection	39-9155	04/07/95	Yes	
		Tach: 1524.5	Carl Shropshire	476826099		
Propeller: McCauley D3A32C(4-) Series						
07-08-04	Propeller	Manifold Limitation Placard And Life Limit Inspection	39-15021	05/17/07	Yes	Inspected per ASB 248 para 2B-2F and for placard.
02/01/2024 @ Tach: 1314.6		Tach: 1414.6	Carl Shropshire	476826099		
Appliance: Power Plant - Filters, Air						
84-26-02	Appliance	All Paper Induction Air Filters - Engine Ingestion of Fragments	39-4966	01/29/85	Yes	PCW by installation of new paper air filter P/N: P-1015304.
02/27/2023 @ Tach: 1232.6		Tach: 1732.60	Carl Shropshire	476826099		
Appliance: Power Plant - Ignition - Switches						
76-07-12	Appliance	10-357XXX, 10-126XXX, Repair or Replacement	10-157XXX - Switch	39-3024	08/30/77	Yes
02/01/2024 @ Tach: 1314.6		Tach: 1414.6	Carl Shropshire	476826099		Ops check per A.D.

Airworthiness Directives Compliance Report

YEAR:

Date: 4/23/2025

Airframe: Textron (Beech) A36

Engine: Continental IO-550-B

Propeller: McCauley D3A32C(4-- Series

Misc:

Tail #: N2048V

S/N: E-1404

S/N: 281875-R

S/N: 983661

Hours: Tach: 1484.5 AFTT: 4440.9

Hours: TSO: 1491.6

Hours: TTP: 2179.4 TSO: 876.4

DATE

AD#	Category	Subject	Amdt#	Eff Date	Rec	Remarks
	Date/Hours Compliance	Next Due	Signature			Cert#
Airframe: Textron (Beech) A36						
95-04-03	Airframe	Wing Carry Through Frame Inspection	39-9155	04/07/95	Yes	IAW SB 2360
04/23/2025 @ Tach: 1484.5		Tach: 1984.5	Michael K Weiss			3566362
2023-09-09	Airframe	Exhaust Tailpipe V-Band Coupling	39-22432	07/17/23	Yes	N/A by no turbocharger installed
		Michael K Weiss				3566362
Engine: Continental IO-550-B						
2023-02-12	Engine	Intake Valve Failures	39-22319	02/17/23		N/A
		Michael K Weiss				3566362
2023-05-16	Engine	Crankshaft Counterweight Retaining Rings	39-22385	03/15/23		N/A by S/N and assembly date. AD 2023-04-08 was PCW
		Michael K Weiss				3566362
2023-09-09	Airframe	Exhaust Tailpipe V-Band Coupling	39-22432	07/17/23	Yes	N/A by no turbocharger installed.
		Michael K Weiss				3566362
2023-17-04	Engine	Oil Filter Adapter Gasket	39-22530	10/26/23		N/A by no F&M/Stratus oil filter adapter installed.
		Michael K Weiss				3566362
Propeller: McCauley D3A32C(4-- Series						
2007-08-04	Propeller	Manifold Limitation Placard And Life Limit Inspection	39-15021	05/17/07	Yes	Inspected per ASB 248 para 2B-2F and for placard.
04/23/2025 @ Tach: 1484.5		Tach: 1584.5	Michael K Weiss			3566362
Appliance: Avionics Auto Pilots						
2024-14-03	Appliance	GFC 500- Autopilot Pitch Trim System	39-22784	08/20/24		N/A by not installed
04/23/2025 @ Tach: 1484.5			Michael K Weiss			3566362
Appliance: Power Plant Filters Air						
84-26-02	Appliance	All Paper Induction Air Filters - Engine Ingestion of Fragments	39-4966	01/29/85	Yes	PCW by installation of new fiber air filter P/N: P-1015304.
02/27/2023 @ Tach: 1232.6		N/A-Terminated	Michael K Weiss			3566362
Appliance: Power Plant Ignition - Switches						
76-07-12	Appliance	10-357XXX, 10-126XXX, 10-157XXX - Switch Repair or Replacement	39-3024	08/30/77	Yes	Ops check per A.D.
04/23/2025 @ Tach: 1484.5		Tach: 1584.5	Michael K Weiss			3566362
Appliance: Propeller Governors						
2020-19-06	Appliance	Governor - Variant Idler Gear Bearing PN A-20028	39-21248	11/03/20		N/A by No McCauley gov installed.
		Michael K Weiss				3566362

CRYSTAL AVIONICS LLC

1746EntranceDr.
NewBraunfels, Texas78130
(830)626-3838
FAA Repair Station YVCR493Y

N: 2048V

Date: 5-22-2025

FAR 91.411

Details of this inspection are filed under Repair Station Work Order No: 4652

System Tested To: 20,000 FT

Pilot's Altimeter:

P/N: GDX 740 S/N: 15204685

Tested To: 20,000 FT

#2 Pilot's Altimeter: P/N: G5

S/N: 4J0048537 Tested To: 20,000 FT

I certify that the Altimeter & Altitude reporting equipment test and inspections required by FAR 91.411 have been performed in accordance with FAR43, Appendix E. I found these systems to be in Airworthy Condition and Approve these systems for return to service.

Date: 5-22-2025

Signature:

FAA CERTIFIED REPAIR STATION YVCR493Y

Form# CA-08 V2.0 1/15/09

CRYSTAL AVIONICS LLC

1746EntranceDr.
NewBraunfels, Texas78130
(830)626-3838
FAA Repair Station YVCR493Y

N: 2048V

Date: 5-22-2025

FAR 91.411

Details of this inspection are filed under Repair Station Work Order No: 4652

Automatic Pressure Reporting System Tested To: 20,000

No. 1 Transponder: Model: GTX 345 S/N: 36021917

Tested On: 5-22-2025

No. 2 Transponder: Model: N/A S/N: N/A

Tested On: N/A

I certify that the ATC Transponder reporting equipment and inspections required by FAR 91.413 have been performed in accordance with FAR43, Appendix F. I found these systems to be in Airworthy condition and approve these systems for return to service.

Date: 5-22-2025

Signature:

FAA CERTIFIED REPAIR STATION YVCR493Y

Form# CA-09 V2.0 1/15/09