

N 843E E-2114  
Log Book #2

The Standard Aircraft Log  
SA-2

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ASA-SA-2

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# Aircraft Record General Information

Manufacturer BEACH AIRCRAFT CORP. Model A-36  
Serial E-211A Registration Number N84BE

Date of Manufacture \_\_\_\_\_

## Engine(s) currently installed:

Manufacturer CONTINENTAL Model IO-550-B Serial 675012  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

## Propeller(s) currently installed:

Manufacturer MCCAULEY Model D3A32C409  
HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial 831492  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

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BRADEN'S FLYING SERVICE  
EASTON AIRPORT  
EASTON, PA. 18042

— ACCEPTABLE —

PART NO. KG102A CLASS \_\_\_\_\_

Nomenclature & Type Remote Gyro  
Serial No. 5850 King Manufacturer \_\_\_\_\_  
Remarks: Overhauled Eschmoe

Date <u>14 Aug 91</u>	Order or Contract No. <u>18175</u>	Quantity <u>1</u>
FAA CERTIFIED REPAIR STATION NO. BF1R032K	Authorized Rep. Signature <u>[Signature]</u>	

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 89				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

BEECHCRAFT A 36 N 84 BE S/N E 2114 HOBBS : 2272.8 Hrs July 26, 1999

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. The following work was performed per Beechcraft inspection guide and maintenance manual: Replace L/H flap ground straps, replaced R/H strobe P/N W55-0221-5 replaced vacuum inlet filter D9-14-5, main central filter 1 J4-7 and auxiliary vacuum filter 1 J4-6, service landing gear box with oil MIL -L -2105C, repaired rear passenger door stop, replaced ELT batteries due June 1999. Adjusted L/H main gear down lock electric switch, replaced all brake linings, repaired Precise pulse broken load wire. C/W AD-76-07-12 Bendix ignition, AD-95-04-03 wing carry thru inspection, AD-15-15 Door handles lock release button, AD 99-05-13 Lack of fuel flow to the engine. C/W with the following SB. 0558-412 cabin heater visual inspection, SB 0632-280R1 fuel seepage inspection, no discrepancies noted for the above work. Replaced both fuel tanks cap seals P/N 25913-338, replaced brake hydraulic MIL-H-5606 and bleed system. Secured pilots circuit breaker panel, repack nose and main gear wheel bearings and service tires. All AD's were checked thru 99-12. This aircraft was determined to be in satisfactory condition for return to service.

REPLACE ELT BATTERY BY:  
JUN '01

IA 2224148

DATE	RECORDING TACH TIME
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9/99	

DETACH THIS PORTION AND KEEP  
PRECISE FLIGHT PULSELITE® (VCLS)  
OWNER'S WARRANTY RECORD

Owner's Name \_\_\_\_\_

Address \_\_\_\_\_  
City State Zip Phone

Installer's (Dealer) Name \_\_\_\_\_

Address \_\_\_\_\_  
City State Zip Phone

Date of Purchase 8/2/89 PULSELITE® MOD. NO. 1220/24/02 Serial No. T01632

If assistance is needed, contact your PULSELITE® INSTALLER (Dealer) or the PRECISE FLIGHT, INC. Service Department at:

PRECISE FLIGHT, INC.  
63120 Powell Butte Rd.  
Bend, Oregon 97701  
(541) 382-8684 or (800) 547-2558  
Website: www.preciseflight.com

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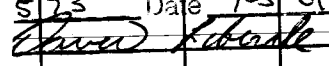
DATE	TIME	FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
SEPTEMBER 02, 2000				<p>TOBBS: 2352.6</p> <p>INSTALLED NEW FUEL FLOW TRANSDUCER</p> <p>Part # 102-389012-11SN S/N 099669,</p> <p>OPERATIONAL CHECK OK. FAA FORM</p> <p>8130-3 INCLUDED. AIRCRAFT RELEASED</p> <p>FOR SERVICE</p>
7-5-01				<p>Found Ametek AK-350 Altitude Encoder</p> <p>Installed as #2 encoder with 1/2 switch. Unit did</p> <p>not work correctly as no isolation codes were installed.</p> <p>Installed 10 IN/911 Isolation Codes in code lines. Unit</p> <p>checked good.</p> <p>The aircraft, airframe or appliance identified</p> <p>is in accordance with the FAA.</p> <p>and is approved for return to service.</p> <p>W/O # 9573 Date 7-5-01</p> <p>Signed <i>David Libardi</i></p> <p><b>THREE WING AVIONICS</b></p> <p>1000 GREAT MEADOW ROAD</p> <p>STRATFORD CT 06615</p> <p>CRS: SL52201N</p>

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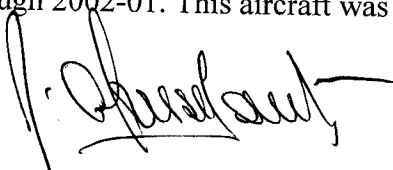
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				<p>I tested the altimeter and static system</p> <p>tests required by F.A.R. Part 91.411 have been</p> <p>performed and found to comply with F.A.R. 43</p> <p>Appendix E. The altimeter has been tested to</p> <p>35,000 feet.</p> <p>Make King Model KEA-346 S/N 2645</p> <p>W/O # 9573 Date 7-5-01</p> <p>Signed <i>David Libardi</i></p> <p><b>THREE WING AVIONICS</b></p> <p>1000 GREAT MEADOW ROAD</p> <p>STRATFORD CT 06615</p> <p>CRS: SL52201N</p>
				<p>I tested the altimeter and static system</p> <p>tests required by F.A.R. Part 91.411 have been</p> <p>performed and found to comply with F.A.R. 43</p> <p>Appendix E. The altimeter has been tested to</p> <p>20,000 feet.</p> <p>Make Ametek Model 101720 S/N 0119356</p> <p>W/O # 9573 Date 7-5-01</p> <p>Signed <i>David Libardi</i></p> <p><b>THREE WING AVIONICS</b></p> <p>1000 GREAT MEADOW ROAD</p> <p>STRATFORD CT 06615</p> <p>CRS: SL52201N</p>
				<p>The automatic pressure altitude reporting equip-</p> <p>ment has been tested and found to comply with</p> <p>F.A.R. 43 Appendix E paragraph C.</p> <p>Make King Model KEA-346 S/N 2645</p> <p>W/O # 9573 Date 7-5-01</p> <p>Signed <i>David Libardi</i></p> <p><b>THREE WING AVIONICS</b></p> <p>1000 GREAT MEADOW ROAD</p> <p>STRATFORD CT 06615</p> <p>CRS: SL52201N</p>
				<p>The automatic pressure altitude reporting equip-</p> <p>ment has been tested and found to comply with</p> <p>F.A.R. 43 Appendix E paragraph C.</p> <p>Make Ametek Model AK-350 S/N 3506276</p> <p>W/O # 9573 Date 7-5-01</p> <p>Signed <i>David Libardi</i></p> <p><b>THREE WING AVIONICS</b></p> <p>1000 GREAT MEADOW ROAD</p> <p>STRATFORD CT 06615</p> <p>CRS: SL52201N</p>

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1. UNITED STATES		2. <b>FAA FORM 8130-3</b> <b>Airworthiness Approval Tag</b> U.S. Department of Transportation Federal Aviation Administration			3. System Tracking Ref. No.  0000049423-00001	
4. Organization <b>RAYTHEON AIRCRAFT COMPANY</b> <b>9709 EAST CENTRAL</b> <b>P O BOX 85</b> <b>WICHITA, KANSAS 67201-0085</b>					5. Work Order Contract or Invoice Number  4500135935-00019	
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
0001	FUEL FLOW TRANSDUCER	102-389012-11 SN	TBV by Installer	1.000	099669	NEW
13. Remarks AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL  <i>Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.</i>						
14. New <input checked="" type="checkbox"/> Newly overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.  NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. <b>Return to service in accordance with FAR 43.9</b>  Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature 		16. FAA Authorization No.  DOA PC #8		20. Authorized Signature		21. Certificate Number
17. Name (Typed or Printed)  Dennis P Dye		18. Date:  07/14/2000		22. Name (Typed or Printed)		23. Date:
<b>USER/INSTALLER RESPONSIBILITY</b> It is important to understand that the existence of this Document alone does not constitute an approval of the part/component/assembly.  Where the user/installer work is performed, the user/installer must obtain the approval of the FAA Airworthiness Authority of the country of origin. Authority accepts part/component/assembly for use in aircraft.  Statements in block 13 are made in accordance with the requirements of the FAA. installation certification issued in accordance with the requirements of the FAA.  The FAA form 8130-3 and JAA Form One are equivalent. Other countries such as Canada, etc., have their own documents. FAA Form 8130-3 (11-93)      *(Optional) Installer must cross check eligibility with applicable technical data.						

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
the altimeter and static system red by F.A.R. Part 91. 411 have been and found to comply with F.A.R. 43. The altimeter has been tested to feet.		
Model KEA-346 S/N 2645		
S/N 23 Date 7-5-01		
		
<b>THREE WING AVIONICS</b> 000 GREAT MEADOW ROAD STRATFORD CT 06615 CRS: SL52201N		

[illegible]

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 A 36 N 84 BE S/N E 2114 HOBBS : 2414.5 hr			January 15, 2002
<p>I certify that this <u>Aircraft</u> has been inspected in accordance with an Annual <u>Inspection</u> and was determined to be in airworthy condition. The following work was performed per Beechcraft inspection guide chapter 5-20-00 and maintenance manual.</p> <p>C/W AD-76-07-12 Bendix ignition inspection, SB 0632-280R1 fuel seepage inspection. C/W S.B. 1360 by dye penetrant inspection. Repack nose and main gear wheels bearings and service tires. Replaced clock fuse with 5 amp. Clean battery contactor terminals. Serviced battery. Inspect ELT per FAR 91.207 (d) and replaced ELT battery P/N BP1010 due Feb-2004. Degreased main and nose landing gear, lubricate gear.</p> <p>Removed nose gear down brace joint and re work frozen bushing. Checked cable tension and lubricate all flight controls. All AD's were checked through 2002-01. This aircraft was determined to be in satisfactory condition for return to service.</p> <p style="text-align: center;"></p> <p style="text-align: center;">IA 2224148</p>			



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

STELLAR Avionics Services, LLC Tweed-New Haven Airport East Haven, CT 06512 FAA CRS YZSR344Y  
 LOG ID# 520 06-August-2002 REF# A1945  
 N84BE S/N E-2114 BEECH A-36

Pg 1 / 1

- 1) Removed Remote KG-102A Directional Gyro S/N 5850.
- 2) Installed and Tested Exchange KG-102A S/N 24779

-----Details on file at this Repair Station under work order #A1945-----  
 END

*Michael A. Esposito* 8/6/02  
 YZSR344Y Michael A. Esposito Date

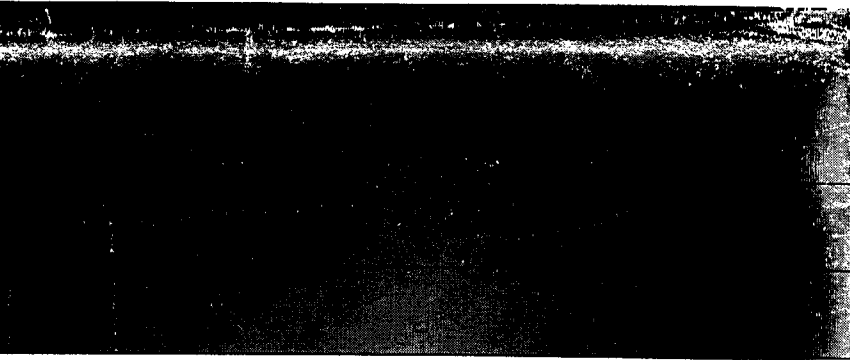
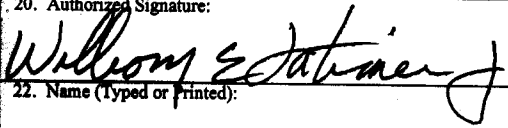
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
10				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

NOVEMBER 20, 2002 BEECHCRAFT A 36 N 84 BE S/N E-2114 HOBBS : 2431.3 hr

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. The following work was performed per Beechcraft inspection guide chapter 5-20-00 and maintenance manual. C/W AD95-04-03 Spar failure per Beechcraft S.B. 2360 dye-penetrant inspection, no discrepancy noted. C/W AD-70-07-12 Bendix ignition inspection. Replaced main and stand by vacuum pump filters P/N 1J4-7 and inlet filter P/N 1J2-1. Removed battery box clean and paint. Clean firewall electric panel accessories. Install (2) battery cable rubber nipples P/N MS25171-2. Replaced both fuel caps seals P/N MS29513-338. Repaired R/H wing tip nav light wiring inside wing. Retorque elevator bellcrank fwd bolt inside tail cone. Install new pilot shoulder seat belt plastic cover P/N 500794-5. Repaired intermittent landing gear in transit light indication. Inspect landing gear motor brushes @ 1/2" length. Replaced mixture control P/N 36-380084-5. Repack nose and main gear wheels bearings and service tires. Clean battery contactor terminals. Serviced battery. Inspect ELT per FAR 91.207 (d). Degreased and lube main and nose landing gear. Checked cable tension and lubricate all flight controls. All AD's were checked through 2002-21 This aircraft was determined to be in satisfactory condition for return to service.

*IA 2224148*  
 IA 2224148



1. Approving National Aviation Authority/Country:  FAA/United States		2.  <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORKS APPROVAL TAG		3. Form Tracking Number:  0109050089		
4. Organization Name and Address:  PRECISION AVIONICS AND INSTRUMENTS 495 Lake Mirror Road Building 800, Suite G Atlanta, Georgia 30349		JAR-145 Acceptance Certificate Reference Number: JAA.8061		5. Work Order/Contract/Invoice Number:  R6148		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
	DIRECTIONAL GYRO	060-0015-00	N/A	1	24779	OVERHAULED
13. Remarks  OVERHAULED IN ACCORDANCE WITH KING BK 6A. REVISION 6. EDITION 9-97.						
			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13  Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulation, part 43 and in respect to that work, the items are approved for return to service.			
			20. Authorized Signature: 		21. Approval/Certificate No.:  ZV4R714M	
			22. Name (Typed or Printed):  WILLIAM E. LATIMER JR.		23. Date (m/d/y):  08/02/02	
			User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.  Where the user/installer performs work in accordance with the national regulations of an airworthiness authority and ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1, it is essential that the user/installer must contain an installation certification issued in accordance with the national regulations by the user/installer with applicable technical data.			
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						
FAA Form 8130-3 (6-01)			* Installer must cross-check eligibility with applicable technical data.		NSN:0052-00-012-9005	

1. Removed existing King KMA-24 Audio Panel, KY-196 #1 Comm, KNS-81 RNAV, KT-76A Transponder, Northstar GPS-60 System, and Sigtronics SPA-400 Intercom with Music Switcher.
2. Installed Bendix/King KMA-28 Audio Panel/Intercom SN:A03120. Wired system for 6 place intercom with music input #1 tied to existing tape deck, and #2 music jack installed for aft passengers. Installed rear seats "Karoke" switch in panel along with a switch to tie both music inputs together. Switch Functions placarded
3. Installed Garmin GNS-530 Color GPS NAV/COMM SN:78407696 and interfaced to existing KI-525A HSI indicator. Relocated Aux comm antenna from forward cabin roof to location of removed GPS-60 antenna. Installed Garmin GA-56 SN:59078699 GPS antenna in place of removed Aux Comm antenna. Sealed both antennas with RTV. Panel placarded "GPS for VFR use only" pending IFR certification.
4. Installed Garmin GTX-330 Mode S Transponder SN:84101351 and connected to GNS-530 for auto-turn on/Standby feature. GTX-330 Traffic (TIS) not operational at this time. Connected GTX-330 to existing KEA-346 Encoding Altimeter and AK-350 encoder through an encoder 1/2 switch. Transponder tested good per FAR 43 App F.
5. All systems installed and ops tested good per respective install manuals. Owner supplied with all operations manuals.
6. Weight and Balance and Equipment List updated, FAA Form 337 Filed.

END

*David Laborde* 7 March 2003  
David Laborde SL52201N Date

## Alterations

ate Number of  
specific entries.)

MAKE: Eventide MODEL: Argus 5000 SER: 1541  
DISCREPANCY: Argus displays clock fail message, previously had heading issues

Removed unit from aircraft and shipped to Eventide for repair.

Traced heading wires from Argus to KI-525A bootstrap. Wires traced good. Eventide said heading problem may have been related to battery failing in unit.

Replaced unit in aircraft after factory repair. Setup operation parameters for aircraft and ramp tested good. Unit flight tested good.

END

*David Laborde* 7 March 2003  
David Laborde SL52201N Date

Remote DG Rack shock mounts defective, Aircraft requires avionics cooling fan

Found KG-102A gyro shock mounts defective and the wrong type. Installation Bulletin dated 11/88 not complied with. Ordered new style gyro shock mount PN: 050-01410-0001. Found gyro would not fit in new mount because new mount is higher. Relocated gyro mount aft so gyro clears lower windshield rib.

Installed new FN-200 3 Port Avionics Cooling Fan forward of remote DG on same shelf. Installed hoses to GNS-530, KX-165, and GTX-330. Protected fan with 2 Amp fuse.

END

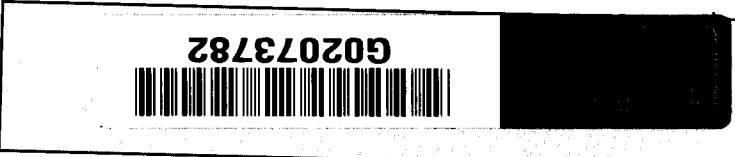
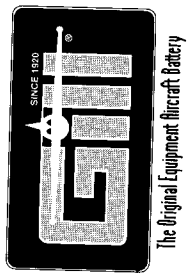
*David Laborde* 3/7/03  
David Laborde SL52201N Date

## Alterations

Number of  
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The GILL Battery Log

RECOMMENDED PRACTICES FOR  
TAKING THE BEST POSSIBLE CARE  
OF YOUR AIRCRAFT BATTERIES



DATE  
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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  
19\_\_\_\_

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**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.)

*[Handwritten signature]*

Three Wing Avionics, Inc. 1000 Great Meadow Rd Stratford, CT 06615 SL52201N  
LOG ID# 248 14-March-2003 WO# 10400 HOBBS 2445.7  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

EL Panel Inop, CO Detector Install, Remove 450 MHX Phone Antenna

ACTION: Electroluminescent panel lights inop. Looked up diagrams in maint. manuals. Located 115VAC power inverter. Removed pilots seat spar cover to access. Checked dimmer transistor operation. Checked good. Disconnected all EL panels at inverter. Inverter checked good. Isolated problem to avionics circuit breaker EL panel causing other panels not to light. Reconnected all panels to inverter and reinstalled spar cover. Removed Avionics circuit breaker EL Panel PN:58-340454-25 and shipped to Air Capitol Dial for repair.

Reinstalled Circuit Breaker EL Panel after repair and ops tested. Ops tested good.

Removed unused 450 MHZ phone antenna from belly of aircraft. Fabricated and installed cover plate on aircraft. Tied back coax fitting in tail and secured. Secured coax fitting in front of aircraft and installed snap button in hole for fitting.

Fabricated and painted overlay plate to cover holes left by removed Sigtronics intercom. Made panel cutout for CO detector. Drilled and tapped panel for mounting screws. Installed in-line fuse holder for system with 2 amp fuse. Installed Aero-452 CO Detector and ops checked. Ops checked good.

Replaced inop CO-pilot yoke map light with new GE 1495 Lamp. Ops checked good.

END

*David Laborde*  
David Laborde SL52201N

3/14/03  
Date

Three Wing Avionics, Inc. 1000 Great Meadow Rd Stratford, CT 06615 SL52201N  
LOG ID# 247 14-March-2003 WO# 10390 HOBBS 2445.7  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

Fuel Flow Upgrade

ACTION: Removed existing Shadin Miniflo-L PN:912041D SN:6192 and wired existing Fuel Flow harness so that fuel flow transmits information to the GNS-530. Installed new Shadin PN:912041T-D SN:9337. Setup unit to work with GNS-530. Ops checked good.

END

*David Laborde*  
David Laborde SL52201N

3/14/03  
Date

## d Alterations

(ite Number of  
pecific entries.)

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Three Wing Avionics, Inc. 1000 Great Meadow Rd Stratford, CT 06615 SL52201N  
LOG ID# 341 17-July-2003  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

Installed FAA Approved Flight Manual Supplement for Garmin GNS-530 GPS in Pilot Operating Handbook, Supplements Section. GPS now certified for IFR enroute and Non-precision approach operation.

Installed FAA Approved Flight Manual Supplement for Garmin GTX-330 Transponder w/TIS in Pilot Operating Handbook, Supplements Section. FAA Form 337 filed this date.

END

*David Laborde*  
David Laborde SL52201N

17 July 2003  
Date

Three Wing Avionics, Inc. 1000 Great Meadow Rd Stratford, CT 06615 SL52201N  
LOG ID# 342 18-July-2003 WO# 10600 AC TT 2465.0 HOBBS 2465.0  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

PART#: 011-00455-00

MODEL#: GTX-330

SER#: 84101351

DISCREPANCY: GTX-330 SW and Replacement

Removed unit from aircraft and setup on bench. Verified unit has SW Ver. 3.02.

Installed SW Ver. 3.03 per SB 0304 Rev. 6.

Upon completion of software load, unit display failed. Called Garmin and they shipped a warranty exchange unit with SW Ver. 3.03 already installed

Installed exchange unit PN: 011-00455-00 SN:84106830. Setup unit and ramp tested per FAR 43 App F. Unit tested good.

END

*David Laborde*  
David Laborde SL52201N

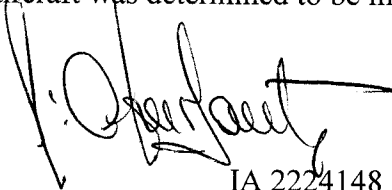
18 July 2003  
Date



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<div style="border: 1px solid black; padding: 5px;"> <p>Three Wing Avionics, Inc. 1000 Great Meadow Rd Stratford, CT 06615 SL52201N            LOG ID# 378 03-September-2003 WO# 10698 HOBBS 2496.9            N84BE S/N E-2114 BEECH BE-36</p> </div>				
Pg 1 / 1				
<p>MAKE: King/Aerosonic/Garmin/Ameri-King            Model: KEA-346/101720/GTX-330/AK-350            S/N: 2645/C118356/84106830/3506276</p>				
<p>Complied with FAR's 91.411/413 Tests</p>				
<p>Removed Pilots altimeter tested to 35,000 feet per FAR 43 App E. Tested good and reinstalled.</p>				
<p>Removed copilots altimeter and tested to 20,000 feet per FAR 43 App E. Tested good and reinstalled.</p>				
<p>Ramp checked transponder per FAR 43 App F. Tested good.</p>				
<p>Ran up #1 encoder/pilots altimeter and tested Mode C par FAR 43 App E Para C. Tested good.</p>				
<p>Ran up #2 encoder and tested Mode C par FAR 43 App E Para C. Tested good</p>				
<p>Static system tested good per FAR 43 App E.</p>				
<p><i>David Laborde</i> 9/3/2003            David Laborde SL52201N Date</p>				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p>
<p>DECEMBER 19, 2003 BEECHCRAFT A 36 N 84 BE S/N E-2114 HOBBS: 2516.8 hr</p>				
<p>I certify that this <u>Aircraft</u> has been inspected in accordance with an <u>Annual Inspection</u> and was determined to be in airworthy condition. The following work was performed per Beechcraft inspection guide chapter 5-20-00 and maintenance manual. C/W AD-76-07-12 Bendix ignition inspection1. Clean firewall electric panel fuses and current limiters. Repaired loose right cowl flap. Replaced landing gear motor brushes P/N 27-8-3002 and sleeve holder P/N 27-4-3005. Install new left and right wing fuel decals P/N 36-920054-5. Clean and inspect main and nose wheels halves and paint. Install new brake discs P/N 164-02505. Replaced both brake pads P/N 066-10500. Bleed both brake system. Install new nose tire P/N 505C61-8 Goodyear FT special II 500x5 6 ply S/N 31571403. Repack nose and main gear wheels bearings and service tires. Clean battery contactor terminals and install new cable grommets. Removed and</p>				
<p>NEXT PAGE →</p>				

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.)
19				replaced various rusted hardware. Replaced both elevator tip covers screws. Serviced battery. Inspect ELT per FAR 91.207 (d). Replaced right elevator outboard static wick assembly Replaced vertical stab. Antenna hardware. Install new left and right flaps rubber bumpers P/N 4988. Replaced pilot control wheel map light Repaired copilot shoulder harness swivel support cover. Repaired pilot seat arm rest. Secured inline instrument filter bracket. Degreased and lube main and nose landing gear. Checked cable tension and lubricate all flight controls. Install Eagle Technologies Quick drain valve assembly QDV-2 Kit # B1478 STC # SA01110CH, FAA form 337dated December 19, 2003 included All AD's were checked through 2003-22. This aircraft was determined to be in satisfactory condition for return to service.   IA 2224148

DATE	RE TA TH	Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL52201N LOG ID# 505 11-May-2004 WO# 10901 REF# 10901 HOBBS 2534.6 N84BE S/N E-2114 BEECH BE-36
19		Pg 1 / 1
		WX1000 Upgrade to 1000+  Customer decided to upgrade existing WX-1000 stormscope system to a WX-1000+ heading stabilized system. Also, WX-1000 clock battery is dead.  Removed processor from aircraft and shipped to L-3 Avionics systems for repair/upgrade.  Ran heading cable from WX-1000 processor in tail forward to HSI indicator in panel.  System ops checked good per WX-1000 install manual.  Removed Alpine Car stereo from right side panel. Fabricated filler plate and installed with new Music 1 input jack.  Updated customers Garmin GNS-530 GPS Software to ver 3.01 per Garmin SB0308.  Updated customers Garmin GTX-330 Main Software to Ver 3.05 per Garmin SB0401.  END  David Laborde SL52201N 11 May 2004 Date
		Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL52201N LOG ID# 507 11-May-2004 WO# 10943/6 HOBBS 2534.0 N84BE S/N E-2114 BEECH BE-36
		Pg 1 / 1
		Clock Circuit Breaker Wops  Opened pilots and copilot yokes. Inspected wires. Clock breaker supplies power for pilot and copilot map lights, and clock. Isolate short to pilot map light socket. Removed socket and inspect. Socket checks good. Bench checked socket with lamp. Checks good Replaced in aircraft and system checks good. Replaced diodes in circuit with new. Ops checked good.  END  David Laborde SL52201N 11 May 2004 Date

STC Approval Statement

The purchaser is hereby granted permission to use the following STC for singular installation on the aircraft below. Federal law prohibits any other use.

SA01110CH

STC # BS2

Kit # B1478

Serial # BEECH A36

Aircraft Model E2114 N84BE

Aircraft Serial # / Reg. #

ATLANTIC AVIATION

Purchaser

Authorized Signature

DEC. 9, 2003

Date Shipped

Eagle Technologies Co.  
853 Adams Road, Eagle River, WI 54521

Form ETC-16

Repairs and Alterations  
and Certificate Number of  
for other specific entries.)

rs screws.  
elevator  
hardware. Install  
control wheel  
Repaired pilot  
and lube main

and nose landing gear. Checked cable tension and lubricate all flight controls.  
Install Eagle Technologies Quick drain valve assembly QDV-2 Kit # B1478  
STC # SA01110CH, FAA form 337 dated December 19, 2003 included All AD's  
were checked through 2003-22. This aircraft was determined to be in satisfactory  
condition for return to service.

IA 2224148

DATE  
19

RE  
TA  
TH

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL52201N  
LOG ID# 505 11-May-2004 WO# 10901 REF# 10901 HOBBS 2534.6  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

WX1000 Upgrade to 1000+

Customer decided to upgrade existing WX-1000 stormscope system to a WX-1000+  
heading stabilized system. Also, WX-1000 clock battery is dead.

Removed processor from aircraft and shipped to L-3 Avionics systems for repair/upgrade.

Ran heading cable from WX-1000 processor in tail forward to HSI indicator in panel.

System ops checked good per WX-1000 install manual.

Removed Alpine Car stereo from right side panel. Fabricated filler plate and installed with  
new Music 1 input jack.

Updated customers Garmin GNS-530 GPS Software to ver 3.01 per Garmin SB0308.

Updated customers Garmin GTX-330 Main Software to Ver 3.05 per Garmin SB0401.

END

David Laborde SL52201N

Date

11 May 2004

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL52201N  
LOG ID# 507 11-May-2004 WO# 10943/6 HOBBS 2534.0  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

Clock Circuit Breaker Pops

Opened pilots and copilot yokes. Inspected wires. Clock breaker supplies power for pilot and  
copilot map lights, and clock. Isolate short to pilot map light socket. Removed socket and  
inspect. Socket checks good. Bench checked socket with lamp. Checks good. Replaced in aircraft  
and system checks good. Replaced diodes in circuit with new. Ops checked good.

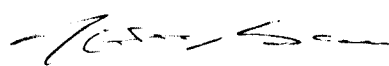
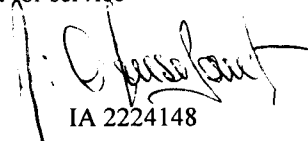
END

David Laborde SL52201N

Date

11 May 2004

[illegible]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p>
				<p><b>JANUARY 24, 2005 BEECHCRAFT A 36 N 84 BE S/N E- 2114 HOBBS: 2576.3 hr</b></p> <p>I certify that this <u>Aircraft</u> has been inspected in accordance with an <u>Annual Inspection</u> and was determined to be in airworthy condition. The following work was performed per Beechcraft inspection guide chapter 5-20-00 and maintenance manual. Repaired loose right cowl flap. Repack nose and main gear wheels bearings and service tires. Service and clean battery contactor terminals . Removed and replaced miscellaneous rusted hardware. Inspect ELT per FAR 91.207 (d) and replaced battery P/N Narco BP1030 due <u>FEB-2007</u>. Replaced left elevator outboard static wick assembly P/N 16606. Repaired rear passenger door stand off bracket. Secured fuel lines next to selector valve. Re seal both pilot and right copilot master cylinders, bleed both brake system and service reservoir. Degreased and lube main and nose landing gear. Sealed all windows with PRC 1422 B1/2. Checked cable tension and lubricate all flight controls. Replaced both ailerons hinges attach screws P/N MS27039-1-09. Removed and inspect landing gear trunnion bolts , bushings and lube. Install missing grease fitting on right main gear. Remove gear/stall warning horn P/N102-384040-1 S/N 12 and install P/N102-384040-5 S/N2750. Removed corrosion from firewall and paint. Re adjust right nose gear door. Removed inspect nose and main gear bolts. Service nose and main struts with MIL-H-5606 and nitrogen. All AD's were checked through AD2005-01. Aircraft released for service</p> <p style="text-align: center;">   A&amp;P 2726736 </p> <p style="text-align: right;">   IA 2224148 </p>



tion of Inspections, Tests, Repairs  
ust be endorsed with Name, Rating and Certif  
n or Repair Facility. (See back pages for other

A 36 N 84 BE S/N E-2114 HOBBS: 2576

ed in accordance with an Annual Inspection and  
he following work was performed per Beechcraft  
tenance manual. Repaired loose right cowl flap,  
s and service tires. Service and clean battery conta  
aneous rusted hardware. Inspect ELT per FAR  
BP1010 due FEB-2007. Replaced left elevator  
Repaired rear passenger door stand off bracket.  
e seal both pilot and right copilot master cylinders,  
oir. Degreased and lube main and nose landing gear.  
Checked cable tension and lubricate all flight control  
s P/N MS27039-1-09. Removed and inspect landing  
tall missing grease fitting on right main gear.  
34040-1 S/N 12 and install P/N102-384040-5  
and paint. Re adjust right nose gear door. Removed  
nose and main struts with MIL-H-5606 and nitrogen  
11. Aircraft released for service

1. *[Signature]*  
IA 2224148

1. Approving National Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>				3. Form Tracking Number: <b>04-200340</b>	
4. Organization Name and Address: L-3 Communications Avionics Systems, Inc. Repair Station Certificate No. NN2R037L 5353-52 <sup>nd</sup> Street S.E. Grand Rapids, Michigan 49512-9704						5. Work Order/Contract/Invoice No. <b>200340</b>	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work	
1	NX-1000+	78-8051-9160-4	N/A	1	UXP09C2363	Repaired	
13. Remarks: RETURN TO SERVICE Reconfigured from 78-9000-5790-3 to 78-8051-9160-4 Unit complies with pertinent Airworthiness Directives and Service Bulletins. Unit was inspected, tested, and meets all specification requirements of Spec. No. 012-10207-001 Rev. T Work completed on 4/18/04 by Unit Inhabitant For work details see Service Work Report # 200340 Note: This certifies that the work specified in Block 12/13 was carried out in accordance with JAR-145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number JAA.4260.							
14. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.		21. Approval/Certificate No. <b>NN2R037L</b>			
15. Authorized Signature		16. Approval/Authorization No.		22. Name (Typed or Printed) <b>Wayne Berkompas</b>		23. Date (m/d/y) <b>4-19-04</b>	
17. Name (Typed or printed)		Airworthiness Approval Tag User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (6-01)							

NSN: 0052-00-012-9005

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.)
19				

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 821 31-August-2005 WO# 11528 HOBBS 2597.6  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

FAR's 91.411/413 Tests

MAKE: King/Aerosonic/Garmin/Ameri-King  
Model: KEA-346/101720/GTX-330/AK-350  
S/N: 2645/C118356/84106830/3506276

Complied with FAR's 91.411/413 Tests

Removed Pilots encoding altimeter and tested to per FAR 43 App E. Altimeter failed test.  
Shipped unit out to Mid-Continent Instruments for repair. Mid-Continent repaired altimeter  
and certified to 50,000 feet per FAR 43 App E. Reinstalled repaired pilots altimeter.

Removed copilots altimeter and tested to 20,000 feet per FAR 43 App E. Tested good and  
reinstalled. Ramp checked transponder per FAR 43 App F. Tested good.

Ran up #2 encoder and tested Mode C per FAR 43 App E Para C. Tested good

Static system tested good per FAR 43 App E.

Installed 9 pin connector quick disconnect on GPSMAP 396 power cable. Installed GPSMAP396  
harness to avionics buss and connected to an in-line fuse holder. Also interfaced GPSMAP396  
data wire to GNS-530 through existing data plug on Pin 7. Installed Grommet on glareshield  
for harness to come out top of panel. Reinstalled glareshield.

END

David Labord SL5R201N

8/31/05  
Date

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.)
19				

FEBRUARY 03, 2006 BEECHCRAFT A 36 N 84 BE S/N E-2114 HOBBS: 2618.0 hr

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was  
determined to be in airworthy condition. The following work was performed per Beechcraft  
inspection guide chapter 5-20-00 and maintenance manual. Repaired loose right cowl flap.  
Repack nose and main gear wheels bearings and service tires. Service battery. Inspect ELT per  
FAR 91.207 (d) battery due FEB-2007. Degreased and lube main and nose landing gear. Sealed  
windshield and both wing fairings and horizontal stabilizer with PRC 1425 B1/2. Clean paint  
nose and both main landing gear struts and nose gear wheel well. Checked cable tension and  
lubricate all flight controls. Service nose and main struts with MIL-H-5606 and nitrogen.  
Replaced both main tires P/N 7C6C86-3, 7.00-6 8 Ply S/Ns 31280127 and 31271386. Sleeved  
taxi light electric wires. Replaced left fuel drain hose inside main gear wheel well. Read shim left  
and right main gear down lock brace. Replaced left fuel cap seal P/N MS29513-338. Clean and  
paint all wheels halves. Clean all wing attach bolt tubs. Re paint cowl flaps decal inside cockpit.  
C/W AD-76-07-12 Bendix ignition switch. Repack nose and main wheels bearings. All AD's  
were checked through AD2006-02. Aircraft released for service

A&P 2726736

IA 2224148

# MID-CONTINENT INSTRUMENTS

Altimeter Scale  
Correction Card

Reference Altitude in Ft.	Altimeter Reads	Reference Altitude in Ft.	Altimeter Reads
-1000	-1020	14000	14075
0	10	15000	15075
500	510	16000	16055
1000	1010	18000	18005
1500	1505	20000	20065
2000	2010	22000	22025
3000	3010	25000	25115
4000	3995	30000	30165
5000	5000	35000	34925
6000	6015	40000	40105
8000	8015	45000	45085
10000	10030	50000	50105
12000	12040		

Tested By: BLP633 Inspector: AS Date: 9/7/05

☒ MID-CONTINENT INSTRUMENT CO. INC.  
9400 E. 34th St. North  
Wichita, KS 67226 USA  
Tel 800-821-1212 • 316-630-0101  
FAA Repair Station # OL2R061L

☐ MID-CONTINENT INSTRUMENTS WEST  
16320 Stagg Street  
Van Nuys, CA 91406 USA  
Tel 800-345-7599 • 818-786-0300  
FAA Repair Station # OL2D061L

☐ Non-approved design data specified in Block 13.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature

21. Approval/Certificate No.:

FAA CRS OL2R061L

17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):

23. Date (m/d/y):

RANDALL FERGUSON

September 7, 2005

## User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

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

Form 8130-3 (8-01)

\*Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005

## AUTHORIZED RELEASE CERTIFICATE

Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

WRK0064341

CONTINENT INSTRUMENT CO., INC

9400 E 34th ST. NORTH  
WICHITA, KS 67226

FAA CRS OL2R061L

5. Work Order/Contract/Invoice  
Number:

WRK0064341

Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
	N/A	1	2645	REPAIRED

## DES THE ACTUAL WORK PERFORMED.

# 006-05514-0002 2 1/96

was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component Certificate Number EASA.145.4675.

in conformity to:

19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13

operation.

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

on of Inspections, Tests, Repairs and Alterations  
be endorsed with Name, Rating and Certificate Number of  
Repair Facility. (See back pages for other specific entries.)

A 36 N 84 BE S/N E-2114 HOBBS: 2618.0 hr

ed in accordance with an Annual Inspection and was  
the following work was performed per Beechcraft  
enance manual. Repaired loose right cowl flap.  
s and service tires. Service battery. Inspect ELT per  
egreased and lube main and nose landing gear. Sealed  
zontal stabilizer with PRC 1425 B1/2. Clean paint  
nose gear wheel well. Checked cable tension and  
d main struts with MIL-H-5606 and nitrogen.  
.00-6 8 Ply S/Ns 31280127 and 31271386. Sleeved  
train hose inside main gear wheel well. Read shim left  
iced left fuel cap seal P/N MS29513-338. Clean and  
h bolt tubs. Re paint cowl flaps decal inside cockpit.  
Repack nose and main wheels bearings. All AD's  
released for service

IA 2224148

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

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 938 31-March-2006 WO# 11736 HOBBS 2626.5  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

KX-165 #2 Nav Intermitant

Traced wires from KX-165 to Nav Indicator and found KX-165 Pin F shorted to ground.  
Isolated short to chaffed wire on sonalert at bottom of panel behind engine instruments.

Repaired chaffed wire with butt splice. Repaired another knicked wire in Beech connector BP2. Dress exposed shields left by unknown agency and insulated. Installed protective spiral wrap around harness to prevent future chaffing. Tied up harness clear of sonalert.

Removed KI-202 from aircraft. KI-202 PN: 066-3034-07 SN: 11046 and bench checked. Found resolver mounting screws loose. Resolver can change positions if OBS is spun fast.  
Recalibrated resolver and tightned screws. Reassembled unit and reinstalled in aircraft.  
Tested good.

Customer requested installation of new faceplate on KX-165. KX-165 PN: 069-1025-04 SN: P11540. Installed new faceplate assembly on unit. Reinstalled in aircraft. Ops checked good.

END

*David Laborde* 31 March 2006  
David Laborde SL5R201N Date

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

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 939 31-March-2006 WO# 11766 HOBBS 2626.5  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

DG Pops Circuit Breaker

Make: King Model: KG-102A Part#: 060-0015-00 Serial#: 24779

Removed unit and shipped unit out for repair. Reinstalled unit after repair by VIP Aero Instruments CRS# TH5R223N WO# 11912. Ops checked good.

END

*David Laborde* 31 March 2006  
David Laborde SL5R201N Date

DA  
19

N848E

1. Approving National Aviation Authority: UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 11912-1	
4. Organization Name and Address: VIP Aero Instruments and Avionics 58 Lindbergh Drive Hartford, CT 06114				5. Work Order/Contract/Invoice Number: 11912	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:
1	KG102A Gyro	060-0015-00	84 TBV	1	24779
12. Status/Work: Repaired					
13. Remarks: Repaired & tested IAW the King KCS 5555A Pictorial Navigation System Maintenance/Overhaul Manual 066-5111-05 dated March 1984					
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
15. Authorized Signature:		16. Approval/Authorization No:		20. Authorized Signature:	
17. Name (Typed or Printed):		18. Date:		21. Approval/Certificate No:	
David Laborde		31 March 2006		TH5R223N	
22. Name (Typed or Printed):		23. Date (m/d/y):		24. Date (m/d/y):	
David Kocak		3-23-06			

FAA Form 8130-3 (6-01) \* Installer must cross-check eligibility with applicable technical data NSN: 0052-00-012-9005

END

David Laborde 31 March 2006  
David Laborde SL5R201N Date

Revisions and Alterations  
Certificate Number of  
other specific entries.)

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.)
19				

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 939 31-March-2006 WO# 11766 HOBBS 2626.5  
N848E S/N E-2114 BEECH BE-36

Pg 1 / 1

DG Pops Circuit Breaker

Make: King Model: KG-102A Part#: 060-0015-00 Serial#: 24779

Removed unit and shipped unit out for repair. Reinstalled unit after repair by VIP  
Aero Instruments CRS# TH5R223N WO# 11912. Ops checked good.

END

David Laborde 31 March 2006  
David Laborde SL5R201N Date

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Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 1227 29-June-2007 WO# 12354 HOBBS 2684.4  
N84BE S/N E-2114 BEECH BE-36

Pg 2

GNS-530 WAAS upgrade

Performed pre-WAAS upgrade checks and removed unit from aircraft. Shipped unit to Garmin for upgrade.

Removed center overhead panel and mounted GA-35 GPS antenna. Prefab and install 14 feet of RG-400 coax for antenna and route down window poast to GNS-530W. Routed original GA-56 GPS Antenna Coax to a new BNC panel mounted connector for use with a handheld GPS.

Validated that the previous installation of one Garmin GNS-530 was installed IAW Garmin instructions and approved via an FAA-Stamped field approved document on FAA-Form 337 dated 7/17/2005. Verified this aircraft and all interfaced equipment are covered under the STC AML

GNS-530 unit was removed and upgraded to GNS-530W Unit by Garmin.

The existing location of the unit meets the field-of-view requirements without the need for external annunciation.

The existing wiring and shielding was inspected and determined to be IAW the STC AML installation data. The existing GA-56 Antenna repairs on the aircraft. Installed new GA-35 antenna using the approved mounting provisions of the GA-35 installation manual.

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

1. Installed one new Garmin GA-35 GPS Antenna PN: 013-00235-00 SN: 18474 IAW Garmin Upgrade Manual PN: 190-00357-06 Rev B, Referencing STC# SA01933LA, & Garmin STC Antenna Installation Manual PN: 190-00369-00 Rev E and STC# SA01695SE.

2. Removed Garmin GNS-530 PN: 011-00550-10 SN: 78407696 and installed Garmin GNS-530W PN: 011-01064-40 SN: 78407696, using the provisions left behind from the standard 530 unit.

Pg 2

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 1227 29-June-2007 WO# 12354 HOBBS 2684.4  
N84BE S/N E-2114 BEECH BE-36

Installation done IAW Garmin upgrade installation manual PN: 190-00357-06 Rev B and STC# SA01933LA.

3. Pressure Altitude Information is supplied to the GNS-530W by a the existing Garmin GTX-330 Transponder which receives its altitude information via Grey Code from the existing KEA-346 Encoding Altimeter.

4. The GNS-530W was configured identical to the original 530 unit. Each interface was checked out IAW the 530W installation manual PN: 190-00357-02 Rev B dated November 2006. A copy of the checkout log was completed and included with the aircrafts maintenance records.

5. Removed the Aircraft Flight Manual Supplement for the GNS-530 and installed a GNS-530W AFMS PN: 190-00357-63, FAA Approved dated 12/21/2006 into the Aircraft Flight Manual.

6. Updated the aircraft Equipment List and Weight and Balance data to reflect the new WAAS unit. The current electrical load analysis remains valid since the new unit draws the same or less current than the original unit.

Instructions for Continued Airworthiness (ICA)

1. GNS-530W- Included Garmin document PN: 190-00357-65, GNS-530W Instructions for Continued Airworthiness in the aircraft maintenance records.

2. GA-35 Antenna- Included Garmin document PN: 190-00673-01, GA Antenna Series Instructions for Continued Airworthiness in the aircraft maintenance records.

Note: This superscedes ICAW data for the previously installed GNS-530 and GA-56.

Aircraft successfully test flown.

END

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 1227 29-June-2007 WO# 12354 HOBBS 2684.4  
N84BE S/N E-2114 BEECH BE-36

Pg 3

*David Laborde* 29 June 2007  
Date  
David Laborde SL5R201N

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.)
19				

FEBRUARY 09, 2007 BEECHCRAFT A 36 N 84 BE S/N E- 2114 HOBBS: 2672.8 hr

I certify that this Aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition. The following work was performed per Beechcraft inspection guide chapter 5-20-00 and maintenance manual. Replaced left wing tip lenses P/N 000-170001-13. Repack nose and main gear wheels bearings and service tires. Service battery. Inspect ELT per FAR 91.207 (d) replaced battery P/N Aviall BS2166 due **MARCH - 2009**. Degreased and lube main and nose landing gear. Checked cable tension and lube all flight controls. Secured right main gear electric harness. Adjust and secure cabin door lower stand off. Re tape both horizontal stab trailing edge. Trim and adjust cabin door against frame. Secured tach generator canon plug. Install (5) AGC5 amp spare fuses. Service nose and main struts with MIL-H-5606 and nitrogen. Trim fuel selector stop detent Install firewall relay guard plate. Clean and paint all wheels halves. Clean all wing attach bolt tubs. Replaced vacuum pump filter P/N D9-14-5. C/W S.B. 76-3763, Rev. 1 C/W S.B0558-412 Cabin heater visual inspection. And S.B.0632-280R1 fuel seepage inspection, no discrepancies noted. C/W AD-76-07-12 Bendix ignition switch.. All AD's checked through AD2007-03. Aircraft released for service

A&P 2726736

IA 2224148

REPLACE ELT BATTERY BY:

MAR '09

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.)
19				

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 1290 18-September-2007 WO# 12476 HOBBS 2699.0  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

FAR's 91.411/413 Tests

MAKE: King/Aerosonic/Garmin/Ameri-King  
Model: KEA-346/101720/GTX-330/AK-350  
S/N: 2645/C118356/84106830/3506276

Complied with FAR's 91.411/413 Tests

Removed Pilots encoding altimeter and tested to per FAR 43 App E. Tested good and reinstalled. Mode C checked good in aircraft per FAR 43 App E Para C.

Removed copilots altimeter and tested to 20,000 feet per FAR 43 App E. Tested good and reinstalled.

Tested transponder per FAR 43 App F. Tested good.

Ran up #2 encoder and tested Mode C par FAR 43 App E Para C. Tested good

Static system tested good per FAR 43 App E.

END

David Laborde SL5R201N

18 Sept 07  
Date

SE\*  
N

08



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.)
19				

FEBRUARY 04, 2008 BEECHCRAFT A 36 N 84 BE S/N E-2114 HOBBS: 2711.2 hr

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. The following work was performed per Beechcraft inspection guide chapter 5-20-00 and maintenance manual. Repack nose and main gear wheels bearings and service tires. Inspect ELT per FAR 91.207 (d) Battery due MARCH - 2009. Service battery. Degreased and lube main and nose landing gear. Checked cable tension and lube all flight controls. Service nose and main struts. Install new main vacuum pump Tempest model AA3216CW with S/N 48621. Install new main pressure system air filter P/N D9-14-5 and filter P/N AA2J4-7. Install stand by vacuum pump filters P/N D9-14-5 and AA2J4-7. C/W AD-76-07-12 Bendix ignition switch C/W S.B. 76-3763, Rev. 1. Service brake reservoir. C/W S.B.0558-412 Cabin heater visual inspection and S.B.0632-280R1 fuel seepage inspection, no discrepancies noted. All AD's checked through AD2008-03. Aircraft released for service  
Note: Aircraft windshield needs replacement, parts on order.

IA 2224148

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10				

40221229



2/18/2008 Hobbs: 2716.0

INSTALLED NEW CONCORDE BATTERY  
MODEL RG24-16 S/N 40221229 PER  
BEECHCRAFT MAINTENANCE MANUAL  
A&P 2224148

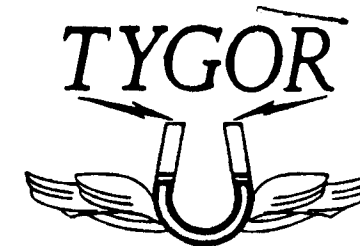
DATE: 04/03/08 N#84BE, BEECH A-36 HOBBS 2719.0 HRS.

RE-INSTALLED ALL WING ATTACH BOLTS & NUTS AFTER INSP. (SEE REPORT), REPLACED 3 NUTS P/N 12NB108 WITH NEW NUTS, ALL WORK ACCOMPLISHED PER THE BEECH A-36 SHOP MANUAL - RETORQUE DUE @ NEXT ANNUAL INSP.

JOHN MILLS  
A&P 1931548

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.)
				<p>FEBRUARY 04, 2008 BEEHCRAFT A 36 N 84 BE S/N E- 2114 HOBBS: 2711.2 hr</p> <p>I certify that this <u>Aircraft</u> has been inspected in accordance with an <u>Annual Inspection</u> and was determined to be in airworthy condition. The following work was performed per Beechcraft inspection guide chapter 5-20-00 and maintenance manual. Repack nose and main gear wheels bearings and service tires. Inspect ELT per FAR 91.207 (d) Battery due <b>MARCH - 2009</b>. Service battery. Degreased and lube main and nose landing gear. Checked cable tension and lube all flight controls. Service nose and main struts. Install new main vacuum pump Tempest model AA3216CW with S/N 48621. Install new main pressure system air filter P/N D9-14-5 and filter P/N AA2J4-7. Install stand by vacuum pump filters P/N D9-14-5 and AA2J4-7. C/W AD-76-07-12 Bendix ignition switch C/W S.B. 76-3763, Rev. 1. Service brake reservoir. C/W S.B0558-412 Cabin heater visual inspection and S.B.0632-280R1 fuel seepage inspection, no discrepancies noted. All AD's checked through AD2008-03. Aircraft released for service Note: Aircraft windshield needs replacement, parts on order.</p> <p style="text-align: right;"><i>J. Dos Santos</i> IA 2224148</p>

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**LABORATORIES, INC.**  
79 EASTERN STEEL ROAD  
MILFORD, CT 06460  
ph 203-877-9390  
fx 203-877-0149

\*MAINTENANCE RELEASE\*  
F.A.A. REPAIR STATION  
TQLR-038K

JOAQUIM DOS SANTOS A&P/AMT  
181 SEABREEZE AVENUE  
MILFORD, CT 06460

LAB # C826-02  
P.O. # 03/26/08  
JOB # N84BE  
ITP # T-FAA  
DATE March 26, 2008

Attn: KIM DOS SANTOS

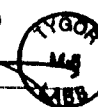
This document identifies parts which have been inspected in accordance with current regulations of THE FEDERAL AVIATION ADMINISTRATION and are approved for return to service as applicable. We hereby certify that the material identified by this report has been tested and inspected in accordance with written instructions and specification:

MPI ASTM E 1444-05

QUANTITY	ITEM	S/N: E-2114 TT: 2719	ACCEPT	REJECT
16	BEEHCRAFT A36 (2) BOLT, LOWER FWD (2) BOLT, LOWER AFT (2) BOLT, UPPER FWD (2) BOLT, UPPER AFT (4) NUT, 12NB108 (4) NUT, EB-126		13	3

REJECTS: (3) 12NB-108 MARKED & TAGGED  
Thank you for the opportunity to serve your testing needs. Test reports, indicating method and procedure, are on file. Customer review is welcome.

AUTHORIZED SIGNATURE



*Metallurgical Non-Destructive Testing*





800-835-4392  
Mail to: 15339 Batesville Ct.  
Chesterfield, MO. 63017-5400

N84BE

E-2114

10/26/2008

Performed the following modifications and or replacements as per the  
STC numbers listed below.

Replaced windshield as per STC SA992NE

See 337 form and new empty weight for this date.

C.R.S. SH2R161L

James Klug

The Aircraft identified above was repaired and/or modified in accordance with the current regulations  
of the Federal Aviation Administration and is approved for return to service. Pertinent details of the work  
performed are on file at this repair station under work order No. AAAA170.

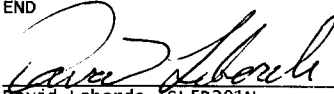
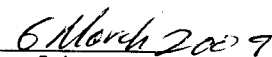
DBM 3127 Creve Couer Rd. Hangar N5 Creve Couer, MO. 63146


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

MARCH 5, 2009 BEECHCRAFT A 36 N 84 BE S/N E- 2114 HOBBS: 2749.5 hr

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was  
determined to be in airworthy condition. The following work was performed per Beechcraft  
inspection guide chapter 5-20-00 and maintenance manual. Secured parking brake handle knob  
with jam nut. Replaced both fuel filler caps seals P/N MS29513-338. Repack nose and main gear  
wheels bearings and service tires. Clean battery terminals. Inspect ELT per FAR 91.207 (d)  
Battery due JUNE - 2011. Degreased and lube main and nose landing gear. Repack right brake  
housing seals P/N MS28775-222 and bleed brakes. Checked cable tension and lube all flight  
controls. Service nose and main struts. C/W AD-76-07-12 Bendix ignition switch. Altimeter  
and transponder FAR 91.411/413 due. SEPT. 2009 C/W S.B. 76-3763, Rev. 1. Service brake  
reservoir. C/W S.B.0558-412 Cabin heater visual inspection and S.B.0632-280R1 fuel seepage  
inspection, no discrepancies noted. AD 2008-13-17 due August 2009. All AD's checked through  
AD2009-05. Aircraft released for service

IA 2224148

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p>
<div style="border: 1px solid black; padding: 5px;"> Three Wing Avionics, Inc.    400 Great Meadow Rd    Stratford, CT 06615    SL5R201N  LOG ID# 1514    06-March-2009    REF# AV-09-0396    HOBBS 2749.5  N84BE    S/N E-2114    BEECH    BE-36 </div>				
Pg 1 / 1				
Autopilot Roll Axis Inop				
Removed roll servo King KS-271 PN: 065-0028-01 SN: 13061.				
Roll Servo Mount King KM-275 PN: 065-0030-00 SN: 20918 was out of the aircraft for replacement of the roll servo. Tested and adjusted servo mount slip clutch to 25 in-lbs per the KFC-200 STC# SA1779CE-D Installation Manual PN: 006-00260-0000 Rev 1 dated 9/22/86.				
Installed new KS-271A PN: 065-00060-0001 SN: KS271A-A44642 onto original servo mount. Installed servo and servo mount into aircraft.				
Ops checked autopilot. Roll Axis and rest of AP ground ops checked good.				
END				
 David Laborde    SL5R201N				 Date

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.)
19				<p>Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N            LOG ID# 1589 18-September-2009 REF# AV-09-0578 HOBBS 2769.4            N84BE S/N E-2114 BEECH BE-36</p> <p style="text-align: right;">Pg 1 / 1</p> <p>MAKE: King/Aerosonic/Garmin/Ameri-King            Model: KEA-346/101720/GTX-330/AK-350            S/N: 2645/CL18356/84106830/3506276</p> <p>Complied with FAR's 91.411/413 Tests</p> <p>Removed Pilots encoding altimeter and tested to per FAR 43 App E. Unit failed barometric scale error test and encoder test. Shipped unit to Mid-Continent Instruemtns for repair. Mid-Continent repaired unit, certified unit to 35,000 feet, and shipped back to Three Wing. Reinstalled repaired unit in aircraft and tested Mode C per FAR 43 App E Para C. Tested good.</p> <p>Removed copilots altimeter and tested per FAR 43 App E. Unit failed Hysteresys and friction tests. Shipped unit to Mid-Continent Instruments for repair. Mid-Continent repaired unit, certified unit to 20,000 feet and shipped back to Three Wing. Reinstalled repaired unit in aircraft.</p> <p>Tested transponder per FAR 43 App F. Tested good.</p> <p>Ran up #2 encoder and tested Mode C par FAR 43 App E Para C. Tested good</p> <p>Static system tested good per FAR 43 App E.</p> <p>END              David Laborde SL5R201N            18 Sept 2009            Date</p>

N84BE

1. Approving National Aviation Authority/Country:  FAA/UNITED STATES		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number:  229331-001	
4. Organization Name and Address: Honeywell International Inc. 21111 N. 19TH Ave Phoenix, AZ 85027				5. Work Order/Contract/Invoice Number: 229331	
6. Item:		7. Description:		8. Part Number:	
001		KS 0271A AUTOPILOT ROLL/ YAW SERVO		065-0060-01	
002		KS 0271A AUTOPILOT ROLL/ YAW SERVO		065-0060-01	
003		KS 0271A AUTOPILOT ROLL/ YAW SERVO		065-0060-01	
				LAST ITEM	
13. Remarks: Airworthiness Approval ITEM 001 ALT# 065-00060-0001      ITEM 002 ALT# 065-00060-0001      ITEM 003 ALT# 065-00060-0001					
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 18 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature: <i>Earlene Hicks</i>		16. Approval/Authorization No.: ODARF636319NM		20. Authorized Signature:	
17. Name (Typed or Printed): EARLENE HICKS		18. Date (m d y): FEB 25 2009		21. Approval/Certificate No.:	
22. Name (Typed or Printed):					
23. Date (m/d/y):					
<b>USER/INSTALLER RESPONSIBILITIES</b> It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

FAA Form 8130-3 (8-01)

**Paperwork Reduction Act Statement:**  
An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number associated with this collection of information is 2120-0018. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave, SW Washington, DC 20591, Attn: Information Collection Clearance Officer, ABA-20.

NSN: 0052-00-012-9005

**ption of Inspections, Tests, Repairs and**  
must be endorsed with Name, Rating and Certificate  
an or Repair Facility. (See back pages for other ap

Stratford, CT 06615 SL5R201N  
0578 HOBBS 2769.4

ed to per FAR 43 App E. Unit failed barometric  
unit to Mid-Continent Instrumtns for repair,  
t to 35,000 feet, and shipped back to Three Wing.  
tested Mode C per FAR 43 App E Para C. Tested good

FAR 43 App E. Unit failed Hysteresys and friction  
uments for repair. Mid-Continent repaired unit,  
back to Three Wing. Reinstalled repaired unit in

good.  
43 App E Para C. Tested good

*2009*

NSN 8130-3 (8-01)

# 2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA/UNITED STATES

3. Form Tracking Number: WRK0148586

4. Organization Name and Address: MID-CONTINENT INSTRUMENT CO., INC  
9400 E 34th ST. NORTH  
WICHITA, KS 67226-2615  
FAA CRS OL2R061L

5. Work Order/Contract/Invoice Number: WRK0148586

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ALTIMETER	101720-01545 101720	N/A	1	C118356	REPAIRED

## 13. Remarks: THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.

ALL WORK WAS PERFORMED REF. MANUAL # 1017XX SERIES 1/1/83

The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4675.

14. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in condition for safe operation.
- ☐ Non-approved design data specified in Block 13.

19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.:
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed):	23. Date (m/d/y):
		NICHOLAS HOWE	FAA CRS OL2R061L Sep/17/2009

## User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 12 and 13 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the installer/user before the aircraft may be flown.

\*Installer must cross-check eligibility with applicable technical data.

FAA Form 8130-3 (8-01)

NSN: 0052-00-012-9006

OMB control number associated with this form is 2110-00-2500. NSN: 0052-00-012-9006

NSN: 0052-00-012-9006

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

21. Approval/Certificate No.:	23. Date (m/d/y):

to Service ☐ Other regulation specified in Block 13

1000-090000-590 #17A 3



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

MARCH 2, 2011 BEECHCRAFT A 36 N 84 BE S/N E- 2114 HOBBS: 2829.5 hr

C/W AD97-14-15 Amendment 39-10073 per paragraph (a) (1) (2) and Beechcraft S.B. 2693 issued 1996 cabin door handle inspection, no discrepancies noted.

C/W AD95-04-03 Amendment 39-9155 Fuselage-wing forward spar carry-thru dye- penetrant inspection as per Paragraph (a) and (b) and Beechcraft S.B.2360 . No discrepancies noted and next inspection due at Hobbs: 3329.5 hrs.

IA2224148

CALIBRATION CARD			
ALTIMETER			
P/N: 5934P-3		C/N: A.083	
S/N: 493077			
Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp
-1,000	-15	14,000	-25
0	0	16,000	-10
500	10	18,000	5
1,000	10	20,000	50
1,500	20	22,000	
2,000	10	25,000	
3,000	10	30,000	
4,000	10	35,000	
6,000	-5	40,000	
8,000	-20	45,000	
10,000	-25	50,000	
12,000	-50		
Date: 27-Sep-11		Tested by: SM [Signature] Inspected by: DG [Signature]	

FORM QA-A5 (B)

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

Three Wing Avionics, Inc. 400 Great Meadow Rd Stratford, CT 06615 SL5R201N  
LOG ID# 1895 02-November-2011 REF# AV-11-1054 HOBBS 2846.1  
N84BE S/N E-2114 BEECH BE-36

Pg 1 / 1

MAKE: King/Aerosonic/Garmin/Ameri-King  
Model: KEA-346/101720/GTX-330/AK-350  
S/N: 2645/C118356/84106830/3506276

Complied with FAR's 91.411/413 Tests

Removed Pilots encoding altimeter and tested to 20,000 feet per FAR 43 App E. Tested good reinstalled. Test Mode C per FAR 43 App E Para C. Tested good.

Removed copilots altimeter and tested per FAR 43 App E. Unit failed baro scale error test. Ordered and installed new United 5934P-3A.83 20,000 foot altimeter SN: 493077 (Tested 9/27/2011 by United Instruments)

Tested transponder per FAR 43 App F. Tested good.

Ran up #2 encoder and tested Mode C per FAR 43 App E Para C. Encoder failed correlation test. Removed encoder and performed calibration of encoder on the bench per Ameri-King AK-350 installation manual. Reinstalled encoder and tested per FAR 43 App E Para C. Encoder now tests good.

Static system tested good per FAR 43 App E.

Note: Next 91.411/413 tests due 9/31/2013

END

David Laborde SL5R201N

Date





DATE  
19

Three Wing Aviation Group, LLC CRS# SL5R201N WO# AV-13-1464  
N848E Beechcraft A36 SN: E-2114 11/14/2013 Hobbs: 18.6

MAKE: King/United/Garmin/Ameri-King  
Model: KEA-346/5934P-3A.83/GTX-330/Ak-350  
S/N: 2645/493077/84106830(3.06)/3506276

Complied with FAR's 91.411/413 Tests

Removed Pilots encoding altimeter and tested to 20,000 feet per FAR 43 App E. Tested good reinstalled. Tested Mode C per FAR 43 App E Para C. Tested good.

Removed copilots altimeter and tested to 20,000 feet per FAR 43 App E. Tested good and reinstalled.

Tested transponder per FAR 43 App F. Tested good.

Ran up #2 encoder and tested Mode C par FAR 43 App E Para C.

Static system tested good per FAR 43 App E.

END

David Laborde SL5R201N

Date

*David Laborde* 14 Nov 2013 (2013) <sup>DPL</sup>

ions  
of  
ies.)

DA  
19

Three Wing Aviation Group, LLC CRS# SL5R201N WO# AV-14-1500

N848E Beechcraft A36 SN: E-2114 04/16/2014 Hobbs: 24.2

Removed the existing Garmin GTX-330 Transponder PN: 011-00455-00 SN: 84106830 and shipped to Garmin for upgrade to GTX-330ES.

Updated the existing Garmin GNS-530W PN: 011-01064-40 SN: 78407696 to Main SW Ver 5.10 per Garmin STC SB1401 Rev A dated 2/6/14 and replaced existing AFMS PN: 190-00357-03 Rev B with Rev D. Updated GNS-530W PN: 011-01064-40 SN: 78407696 to GPS SW Version 5.0 per Garmin SSB 1315 Rev A dated 4/30/13. Ops checked good.

Installed Garmin GTX-330ES Transponder PN: 011-00455-60 SN: 84106830 with ADS-B Out functionality IAW FAA STC SA01714WI and Garmin installation Manual PN: 190-00734-10 Rev. 3 dated June 2013. Aircraft is listed on the AML for STC SA01714WI.

The GTX-330ES utilizes the existing installation provisions of the original GTX-330. Added the RS-232 wiring from the existing Garmin GNS-530W to the GTX-330ES Transponder per the STC Installation Manual and configured the unit per the STC Installation Manual.

GTX-330ES transponder tested good per Section 7 & 8 of the the STC Installation Manual and per FAR Part 43 App F.

Updated Equipment list. Electrical load did not change with the GTX-330ES

Installed FAA Approved Flight Manual Supplement PN: 190-00734-15 Rev 1 dated 5/1/2013 into POH supplements section.

Instructions for Continued Airworthiness.

Follow the instructions contained in Garmin document PN: 190-00734-11 Rev 1 dated May 2013 or later FAA Approved Revision. A copy of this document has been filled out and placed in the aircraft maintenance records.

FAA Form 337 Filed

END

Anthony DiNuzzo SL5R201N

Date

*Anthony DiNuzzo* 4/16/2014

Iterations  
Number of  
ific entries.)



ATE

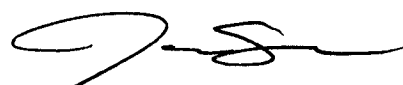
Reg: N84BE  
Make/Model: Beechcraft A36  
S/N: E-2114

Date: 04/28/2014  
Hobbs: 24.2  
Aircraft TT: 2898.5

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. The following work was performed with the scope and detail of FAR Part 43, appendix D and per Beechcraft A36 maintenance manual inspection guide Chapter 5-20-00. The following was performed:

- Cleaned and degreased landing gear. Lubricated landing gear with aeroshell #22 grease and lps #2.
- Removed main and nose wheels. Cleaned wheel bearings and repacked with grease. Reinstalled wheels.
- Serviced tire to proper psi.
- Serviced hydraulic reservoir with MIL-H-5606.
- Cleaned and lubricated fuel cap O-rings.
- Performed gear swings normal and emergency. Operationally checked satisfactory. Checked gear box oil.
- Checked cable tensions and lubricated flight controls.
- Removed oil temp & pressure indicator P/N 102-380014-3 S/N 117 due to erratic oil temp spikes. Installed serviceable oil temp & pressure indicator Mid Continent Model MD63-3 P/N 102-380014-3 S/N E221059.
- Inspected ELT per FAR 91.207 (d). Replaced battery pack P/N BS2116. Replacement due July 2016
- Disassembled fuel bowl, inspected and cleaned. Reinstalled fuel bowl. Leak checked satisfactory.
- Vacuumed debris located under floor boards.
- Replaced pneumatic airfilters P/N AA2J4-7 and D9-14-5.
- C/W AD76-07-12 Bendix Ignition Switch.
- AD 95-04-03 Amendment 39-9155 Spar Due 3329.5 ACTT or Hobbs 455.2.
- FAR 91.411/413 Due Nov 2015.

Jeffrey Savko IA 2726736



DATE

19

Three Wing Aviation Group, LLC CRS# SL5R201N WO# AV-14-1546

N84BE A36 SN: E-2114 7/22/2014 Hobbs: 0030.7

Replaced KFC-200 Autopilot Disconnect/Trim Interrupt switch with new PNI 031-0011. Ops checked good.

END

Kamlesh Rana SL5R201N

Date

Three Wing Aviation Group, LLC CRS# SL5R201N WO# AV-14-1546

N84BE Beech A36 SN: E-2114 7/22/2014 Hobbs: 30.7

Replaced autopilot disconnect switch/trim interrupt switch with new PN: 031-00326-0000. Autopilot and trim system ops checked good.

END

Kamlesh Rana SL5R201N

Date

THREE WING AVIATION GROUP, LLC  
400 Great Meadow Road, Stratford, CT 06615

Mfg Mid-Cont Model MD63-3  
Part# 102-380 014-3 S/N E 221059  
Part Name OT/OP Gages Owner 3W  
A/C N# 71845 Date 10/24/13  
Inspector KR  
Ident Tag \_\_\_\_\_

Desc Removed Gnd for EDM-930

-Performed gear swings normal and emergency. Operationally checked satisfactorily.  
-Checked cable tensions and lubricated flight controls.  
-Removed oil temp & pressure indicator P/N 102-380014-3 S/N 117 due to errat serviceable oil temp & pressure indicator Mid Continent Model MD63-3 P/N 10.  
-Inspected ELT per FAR 91.207 (d). Replaced battery pack P/N BS2116. Replaced.  
-Disassembled fuel bowl, inspected and cleaned. Reinstalled fuel bowl. Leak checked.  
-Vacuumed debris located under floor boards.  
-Replaced pneumatic airfilters P/N AA2J4-7 and D9-14-5.  
-C/W AD76-07-12 Bendix Ignition Switch.  
-AD 95-04-03 Amendment 39-9155 Spar Due 3329.5 ACTT or Hobbs 455.2.  
-FAR 91.411/413 Due Nov 2015.

Jeffrey Savko IA 2726736

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1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 698099-001	
4. Organization Name and Address: Honeywell International Inc. 23500 W. 1105TH St Olathe, KS 66061			PRODUCTION APPROVAL: (PQ1354NM)		5. Work Order/Contract/Invoice Number: 698099	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
001	SWITCH	031-00326-0000	1	N/A	NEW	
12. Remarks:  Airworthiness Approval ITEM 001 This SWITCH is a subcomponent of an FAA PMA article						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: <i>Alice L. Clark</i>		13c. Approval/Authorization No.: ODA-602216-NM		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): ALICE L. CLARK		13e. Date(dd/mm/yyyy): 21 JUL 2014		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
<b>User/Installer Responsibilities</b>						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

FAA Form 8130-3 (08-14)

NON-000-00-015-000

## JMS Services LLC

DATE

19

Reg: N84BE  
Make/Model: Beechcraft A36  
S/N: E2114

Date: 04/23/2015  
Hobbs: 40.9  
ACTT: 2915.2

I certify that this **Aircraft** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition. The following work was performed with the scope and detail of CFR 14, FAR Part 43, appendix D.

The following was performed:

- Replaced pneumatic filters P/N D9-14-1 and AA2J4-7.
- Removed shimmy dampener for fluid service. Could not remove piston pin from piston rod to replace shaft O-rings. Replaced shimmy dampener with used serviceable unit. Replaced all O-rings and serviced with MIL-H-5606. Installed to aircraft and cotter pinned.
- Replaced brake linings P/N 066-10500. (8)
- Replaced nose main gear service decal P/N 033-039.
- Replaced main gear service decals P/N 032-032.
- Removed fuel flow transmitter cannon plug. Cleaned contact pins. Reinstalled fuel flow cannon plug and saftied.
- Serviced mainship battery.
- Serviced struts with nitrogen.
- Cleaned out wing bolt tubs. And protected with AV80 corrosion preventive.
- Cleaned and degreased landing gear. Lubricated landing gear with aeroshell #22 grease and lps #2. Removed main and nose wheels.
- Cleaned wheel bearings and repacked with grease. Reinstalled wheels.
- Performed gear swings normal and emergency. Operationally checked satisfactory. Checked gear box oil.
- Checked cable tensions and lubricated flight controls.
- Disassembled fuel bowl, inspected and cleaned. Reinstalled fuel bowl with new gasket P/N 35-921181. Leak checked satisfactory.
- FAR 91.411 and FAR 91.413 due Nov 2015.**
- Removed, inspected and ops checked ELT in accordance with FAR 91.207(d). Ops checked satisfactory. **Battery due July 2016.**
- C/W Beechcraft Mandatory Service Bulletin SB 27-4136 dated November, 2014. Installed the following parts: 36-524024-21,60-524101-7,60-524101-9,MS35338-44,MS35335-33,MS35335-35,36-524091-15,130909B45. Filed 8130's into aircraft records.
- AD 95-04-03 amendment 39-9155 (spar) due 3329.5 or Hobbs 455.2
- C/W AD76-07-12. Dated August 30, 1977 amendment 39-3024. Bendix ignition switch. Found satisfactory. Next Due @ Hobbs 140.9
- Checked all AD's thru 2015/04.
- Aircraft Released for service. -END-

Jeffrey Savko IA 2726736

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## JMS Services LLC

DATE

19

Reg: N84BE  
Make/Model: Beechcraft A36  
S/N: E2114

Date: 07/14/2015  
Hobbs: 43.3

Performed the following:

- Installed new mainship battery. Serviced new Gill G242 S/N G02900601 in accordance with Gill instructions, activation, charging and continued airworthiness manual TBP 1560 Rev H 11/19/08.

Jeffrey Savko A&P 2726736

Three Wing Aviation Group, LLC CRS# SL5R201N WO# AV-16-1788

N84BE Beech A36 SN: E-2114 1/6/2016 Hobbs: 51.2

MAKE: King/United/Garmin/Ameri-King  
Model: KEA-346/5934P-3A.83/GTX-330ES/AK-350  
S/N: 2645/493077/84106830(7.03)/3506276

Complied with FAR's 91.411/413 Tests

Tested Pilots encoding altimeter and tested to 35,000 feet per FAR 43 App E. Tested good.  
Tested Mode C per FAR 43 App E Para C. Tested good.

Removed copilots altimeter and tested to 20,000 feet per FAR 43 App E. Tested good and reinstalled.

Tested transponder per FAR 43 App F. Tested good.

Ran up #2 encoder and tested Mode C par FAR 43 App E Para C. Tested good.

Static system tested good per FAR 43 App E.


RND

Kamlesh Kana SL5R201N

Date

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DATE	RECORDING TACH	TODAYS FLIGHTS	TOTAL FLIGHTS	Description of Inspections, Tests, Repairs and Alterations
19				<p align="center"><b>JMS Services LLC</b></p> <p align="right">Date: 04/20/2016 Hobbs: 56.5 ACTT: 2930.8</p> <p>Reg: N84BE Make/Model: Beechcraft A36 S/N: E2114</p> <p>I certify that this <u>Aircraft</u> has been inspected in accordance with an <u>Annual Inspection</u> and was determined to be in airworthy condition. The following work was performed with the scope and detail of CFR 14, FAR Part 43, appendix D.</p> <p>The following was performed:            -Replaced pneumatic filters P/N D9-14-1 and AA2J4-7.            -Replaced fuel cap O-Rings P/N MS29513-338.            -Serviced mainship battery.            -Serviced struts with nitrogen.            -Cleaned and degreased landing gear. Lubricated landing gear with aeroshell #22 grease and lps #2. Removed main and nose wheels.            -Cleaned wheel bearings and repacked with grease. Reinstalled wheels.            -Performed gear swings normal and emergency. Operationally checked satisfactory. Checked gear box oil.            -Checked cable tensions and lubricated flight controls.            -Disassembled fuel bowl, inspected and cleaned. Reinstalled fuel bowl with new gasket P/N 35-921181. Leak checked satisfactory.            -<u>FAR 91.411 and FAR 91.413 due January 2018.</u>            -Removed, inspected and ops checked ELT in accordance with FAR 91.207(d). Ops checked satisfactory. <u>Replaced elt battery pack P/N BS2166 Exp march 2018.</u>            -<u>AD 95-04-03 amendment 39-9155 (spar) due 3329.5 or Hobbs 455.2</u>            -C/W AD76-07-12. Dated August 30, 1977 amendment 39-3024. Bendix ignition switch. Found satisfactory. Next Due @ Hobbs 156.5            -Checked all AD's thru 2016/04.            -Aircraft Released for service. -END-</p> <p align="right"><i>Jeffrey Savko</i></p> <p>Jeffrey Savko IA 2726736</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				<p>REG: N84BE MAKE: Beechcraft MODEL: A36 Bonanza S/N: E2114</p> <p align="right">AC/T: 2943.9 HOBBS: 69.6 TACH: N/A</p> <p align="right"><b>JMS Services LLC</b> 325 Main Street Stratford CT, 06615</p> <p align="center"></p> <p>I certify that this <u>Aircraft</u> has been inspected in accordance with an <u>Annual Inspection</u> and was determined to be in airworthy condition. The following work was performed with the scope and detail of CFR 14, FAR Part 43, appendix D and the Beechcraft 36 series Maintenance Manual.</p> <p align="center">-The following was performed-</p> <p>-Replaced pneumatic filters P/N D9-14-1 and AA2J4-7.            -Replaced fuel cap O-Rings P/N MS29513-338.            -Serviced mainship battery.            -Serviced struts with nitrogen.            -Cleaned and degreased landing gear. Lubricated landing gear with aeroshell #22 grease and lps #2. Removed main and nose wheels.            -Cleaned wheel bearings and repacked with grease. Reinstalled wheels.            -Performed gear swings normal and emergency. Operationally checked satisfactory. Checked gear box oil.            -Checked cable tensions and lubricated flight controls.            -Disassembled fuel bowl, inspected and cleaned. Reinstalled fuel bowl with new gasket P/N 35-921181. Leak checked satisfactory.            -Replaced various panel hardware with new, and installed nylon washers under all pan head panel screws.            -Replaced NLG downlock bushing on trunion attach with new P/N NAS75-6-103            -Replaced both MLG downlock bushings at knuckle with new P/N 35810122-1            -Replaced NLG door arm upper ball joint with new P/N 105740X-XC0966            -Replaced NLG tire and tube with new P/N 505C61-8 and P/N 302-013-409 respectively.            -<u>FAR 91.411 and FAR 91.413 due January 2018.</u>            -Removed, inspected and ops checked ELT in accordance with FAR 91.207(d). Ops checked satisfactory. <u>ELT battery pack P/N BS2166 Exp march 2018.</u>            -<u>AD 95-04-03 amendment 39-9155 (spar) due 3329.5 or Hobbs 455.2</u>            -C/W AD76-07-12. Dated August 30, 1977 amendment 39-3024. Bendix ignition switch. Found satisfactory. Next Due @ Hobbs 169.6            -Checked all AD's thru 2017/04.</p> <p align="right"><i>Joseph Bugaichich</i></p> <p align="right">-Aircraft Released for service- -END-</p> <p align="right">DATE: 04/28/2017</p> <p align="right">Joseph Bugaichich AP IA 3621843</p>

DATE

19

REG: N84BE  
MAKE: Beechcraft  
MODEL: A36 Bonanza  
S/N: E2114

AC/TT: 2957.9  
HOBBS: 83.0  
TACH: N/A



JMS Services LLC  
325 Main Street  
Stratford CT, 06615

Performed the following:

-Removed Shaden fuel flow transmitter P/N 680600D/102-389012-11 S/N 212250 and sent to Shaden for repair. Reinstalled Repaired Shaden fuel flow transmitter P/N 680600D/102-389012-11 S/N 212250 after repair by Shadin Avionics Repair Station K5NR335Y filed FAA form 8130-3 into aircraft records see Work Order TT9576 dated 22/Feb/2018. Ran aircraft to operationally check and leak check. Found satisfactory.

-Aircraft Released for service-  
-END-

Jeffrey Savko A&P 2726736

DATE: 02/28/2018

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.)
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REG: N84BE  
MAKE: Beechcraft  
MODEL: A36 Bonanza  
S/N: E2114

AC/TT: 2943.9  
HOBBS: 69.6  
TACH: N/A



JMS Services LLC  
325 Main Street  
Stratford CT, 06615

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. The following work was performed with the scope and detail of CFR 14, FAR Part 43, appendix D and the Beechcraft 36 series Maintenance Manual.

- The following was performed-
- Replaced pneumatic filters P/N D9-14-1 and AA2J4-7.
  - Replaced induction air filter P/N BA-7112.
  - Serviced mainship battery.
  - Removed tachometer, sent for repair and reinstalled. Repair performed by MID CONTINENT CRS#OL2R061L REF W/O 200904202 DATED 14/MAY/2018
  - Cleaned and degreased landing gear. Lubricated landing gear with aeroshell #22 grease and lps #2. Removed main and nose wheels cleaned wheel bearings and repacked with Aeroshell #5 grease. Reinstalled wheels.
  - Performed gear swings normal and emergency. Operationally checked satisfactory. Checked gear box oil.
  - Checked cable tensions and lubricated flight controls.
  - Disassembled fuel bowl, inspected and cleaned. Reinstalled fuel bowl with new gasket P/N 35-921181. Leak checked satisfactory.
  - FAR 91.411 and FAR 91.413 due May 2020.
  - Removed, inspected and ops checked ELT in accordance with FAR 91.207(d). Ops checked satisfactory. Replaced ELT battery pack P/N BP1010 exp June 20.
  - C/W 38 32-4172 inspection of brake master cylinders found N/A
  - AD 98-04-03 amendment 39-9155 (spar) due 3329.5 or Hobbs 455.2
  - C/W AD76-07-12. Dated August 30, 1977 amendment 39-3024. Bendix ignition switch. Found satisfactory. Next Due @ Hobbs 169.6
- Checked all AD's thru 2018/05.

- All leak and Ops checks satisfactory-  
-This airframe was determined to be in airworthy condition on this date signed-  
-END-

Joseph Bugarchlich AP IA 3621843

DATE: 05/1/2018

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.)
19				

REG: N84BE  
MAKE: Beechcraft  
MODEL: A36 Bonanza  
S/N: E2114

AC/TT: 2977.8  
HOBBS: 103.5  
TACH: N/A



JMS Services LLC  
325 Main Street  
Stratford CT, 06615

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. The following work was performed with the scope and detail of CFR 14, FAR Part 43, appendix D and the Beechcraft 36 series Maintenance Manual.

-The following was performed-

- Replaced pneumatic filters P/N D9-14-1 and AA2J4-7 (2).
- Replaced induction air filter P/N BA-7112.
- Serviced mainship battery.
- Cleaned and degreased landing gear. Lubricated landing gear with aeroshell #22 grease and lps #2. Removed main and nose wheels cleaned wheel bearings and repacked with Aeroshell #5 grease. Reinstalled wheels.
- Performed gear swings normal and emergency. Operationally checked satisfactory. Checked gear box oil.
- Checked cable tensions and lubricated flight controls.
- Disassembled fuel bowl, inspected and cleaned. Reinstalled & Leak checked satisfactory.
- FAR 91.411 and FAR 91.413 due May 2020.
- Removed, inspected and ops checked ELT in accordance with FAR 91.207(d). Ops checked satisfactory. Replaced ELT battery pack P/N BP1010 exp June 20.
- AD 95-04-03 amendment 39-9155 (spar) due 3329.5 or Hobbs 455.2
- C/W AD76-07-12. Dated August 30, 1977 amendment 39-3024. Bendix ignition switch. Found satisfactory. Next Due @ Hobbs 203.5
- Checked all AD's thru 2019/04.

- All leak and Ops checks satisfactory-

-This airframe was determined to be in airworthy condition on this date signed-

END-

Joseph Bugarchich AP IA 3621843

DATE: 04/24/2019

DATE	Date: 5/25/2018; Aircraft: N84BE; S/N: E-2114; Hobbs: 86.20
19	1. MAKE: King/United/Garmin/Ameri-King Model: KEA-346/5934P-3A.83/GTX-330ES/AK-350 S/N: 2645/493077/84106830(7.03)/3506276

Complied with FAR's 91.411/413 Tests

Tested Pilots encoding altimeter and tested to 35,000 feet per FAR 43 App E. Tested good.  
Tested Mode C per FAR 43 App E Para C. Tested good. Removed copilots altimeter and tested to 20,000 feet per FAR 43 App E. Tested good and reinstalled. Tested transponder per FAR 43 App F. Tested good.

Ran up #2 encoder and tested Mode C par FAR 43 App E Para C. Tested good. Static system tested good per FAR 43 App E.

Three Wing Aviation Group, LLC 400 Great Meadow Rd Stratford, CT 06615


Work Order AV-18-2202.

This aircraft, airframe, or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.  
Repair Station No. SL5B2014

5/29/18

Date

irs and Alterations  
Certificate Number of  
other specific entries.)

DATE	RECORDING TAG	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
19				
REG: N849E MAKE: Beechcraft MODEL: A36 Bonanza S/N: E2114				AC/TT: 2990.7 HOBBS: 116.4 TACH: N/A
				 JMS SERVICES LLC JMS Services LLC 325 Main Street Stratford CT, 06615
I certify that this Aircraft has been inspected in accordance with an <u>Annual Inspection</u> and was determined to be in airworthy condition. The following work was performed with the scope and detail of CFR 14, FAR Part 43, appendix D and the Beechcraft 36 series Maintenance Manual.				
-The following was performed-				
- Replaced pneumatic filters P/N D9-14-1 and AA2J4-7 (2). - Replaced induction air filter P/N BA-7112. - Replaced and degreased landing gear. Lubricated landing gear with aeroshell #22 grease and lps #2. Removed main and nose wheels - Cleaned and degreased landing gear. Lubricated landing gear with Aeroshell #5 grease. Reinstalled wheels. - cleaned wheel bearings and repacked with Aeroshell #5 grease. Reinstalled wheels. - Performed gear swings normal and emergency. Operationally checked satisfactory. Checked gear box oil. - Checked cable tensions and lubricated flight controls. - Disassembled fuel bowl, inspected and cleaned. Reinstalled & Leak checked satisfactory. - <u>FAR 91.411 and FAR 91.413 due May 2020</u> - Inspected and ops checked ELT in accordance with FAR 91 207(d). Ops checked satisfactory. <u>Replaced ELT battery pack</u> - Removed <u>Battery Exp June 22</u> <u>P/N BP1003 amendment 39-3155 (spar) due 3329.5 or Hobbs 455.2</u> - <u>AD 95-07-12</u> Dated August 30, 1977 amendment 39-3024. Bendix ignition switch. Found satisfactory. Next Due @ Hobbs 216.4 - <u>C/W AD 2013-10</u> Textron Aviation Inc. Amendment 39-19804. Docket No. FAA-2019-0959; Product Identifier 2019-CE-051-AD. - AD 2013-10 Textron Aviation Inc. Amendment 39-19804. Docket No. FAA-2019-0959; Product Identifier 2019-CE-051-AD. Dated November 22, 2019 does not apply per S/N. - Checked all AD's thru 2020/05				
- All leak and Ops checks satisfactory- - This airframe was determined to be in airworthy condition on this date signed- -END-				
Jeffrey Gavko IA 2726736				DATE: 05/20/2020

ALTIMETER CORRECTION CARD					
ALT S/N 493077		DATE: 7-15-21		INSP: <i>JK</i>	
TRUE	ERROR	TRUE	ERROR	ALT	FRICTION
-1000	-10	14000	-35	1000	10
0	-5	16000	-10	2000	10
500	+5	18000	0	3000	10
1000	-10	20000	+40	5000	10
1500	+5	22000	X	10000	10
2000	+5	25000		15000	30
3000	0	30000		20000	40
4000	+10	35000		25000	X
6000	+5	HYSTERESIS		30000	
8000	-20			35000	
10000	-25			40%	+15
12000	-30	50%	+15	10' @ 18K'	

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and
19				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific instructions)</p>
<p>VIP Aero Instruments and Avionics BRAINARD AIRPORT HARTFORD, CT 06114 CRS# TH5R223N            LOG ID# 5359 15-July-2021 WO# 25334/1 TH5R223N            N84BE S/N E-2114 BEECH A36</p>				
<p>FAR 91.411 has been accomplished IAW Part 43 app E para A,B,D. This altimeter has been tested to 20,000 feet. Pertinent details are on file at this facility.</p>				
<p>Pilot - Make: King Model: KEA346 Serial #: 2645            Copilot - Make: United Instruments Model: 5934P-3A.83 Serial #: 493077</p>				
<p>Automatic pressure altitude reporting system tested to 20,000 feet as required by FAR 91.411 IAW FAR 43, app E. para. C.</p>				
<p>Make: King Model: KEA346 Serial #: 2645</p>				
<p>ATC transponder tests and inspections required by FAR 91.413 were performed and found to comply with FAR part 43 app F.</p>				
<p>Make: Garmin Model: GTX330ES Serial #: 84106830</p>				
<p>I certify that this aircraft has been inspected in accordance with FAR 91.411 and 91.413 inspections and was determined to be in airworthy condition for the work performed.</p>				
<p><i>Leon D. Coutu, Jr.</i> 7-15-21            Leon D. Coutu, Jr. Date</p>				

Pilot		ALTIMETER CORRECTION CARD				INSP: <i>[Signature]</i>	
ALT S/N	2645	DATE:	7-15-21		ALT	FRICITION	
TRUE	ERROR	TRUE	ERROR	ALT	FRICITION		
-1000	+5	14000	0	1000	<i>[Large X]</i>		
0	+10	16000	-5	2000			
500	+10	18000	-30	3000			
1000	+5	20000	+5	5000			
1500	0	22000		10000			
2000	+10	25000		15000			
3000	0	30000		20000			
4000	0	35000		25000			
6000	+35	HYSTERISIS		30000			
8000	+40			35000			
10000	+45						
12000	-5	50%	0	CASE LEAK		20618	
		40%	0				

**VIP AERO INSTRUMENTS AND AVIONICS**  
**FAA REPAIR STATION #TH5B223N**

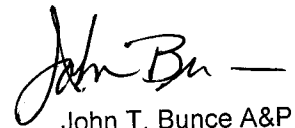
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				

<b>Airframe Log</b>	<u>Date</u>	<u>Reg#</u>	<u>Hobbs</u>	<u>Total</u>
	08/09/2021	N84BE	133.2	3007.5

Performed Annual Inspection of aircraft per FAR 43 Appendix "D" and ref Beechcraft A36 Service/Maintenance manual. Routine service items done, including clean and repack wheel bearings, wash gear and engine, capacity check of battery, lube airframe and nose gear and replace pressure pump filters for gyro air. The following additional work was done: Replaced rod end for nose gear forward retract rod, p/n ADNE5-323, also replaced bolts for rodend attach bracket at "A" frame. Replaced zerk fitting for steering universal ball joint. Adjusted steering stop cone to spin free and safety. Replaced main gear uplock springs, p/n35-815115. Replaced aft bushing and bolt for left nose gear door hinge. Adjusted main gear outboard door rodends to prevent rubbing on strut housings. Serviced shimmy dampner w/5606. performed all gear checks w/ no discrepancies. Performed 5 fault free cycles plus a manual extension. ELT unit checked, ops good, batt due @ Jun '22. Electric fuel boost pump overhauled by Aeromotors, LLC, see wo# M2106214. Fuel cap gaskets replaced. Removed both flap actuators, disassembled, cleaned, visual insp and service w/ grease and gear oil. Reinstall, ops good. Replaced ring terminal for battery positive lead. ADs checked for compliance and updated. C/W AD 76-7-12 by ops check of mag switch,ok,next due at 3107.5 TT or 8/2022. Start, operational checks and leak checks good.

I certify that this aircraft has been inspected i/a/w an Annual inspection and is determined to be in airworthy condition.

Total Aircraft Parts and Maintenance  
20 Lindbergh Dr. Brainard Airport  
Hartford, Ct. 06114

  
John T. Bunce A&P 41704594 IA

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.)
19				

Date: 11/16/2022; Aircraft: N84BE; S/N: E-2114; Hobbs: 140.40; Total Time: 3014.70

I certify that this aircraft has been inspected in accordance with an ANNUAL INSPECTION and current FAA Regulations and was determined to be in an airworthy condition. Time in service since last annual inspection = 7.2 hours. Pertinent details are on file at this facility under Shop Order # MA-22-5754.

- Lubed all exterior flight control hinges and rod-ends.
- Visually inspected main fuel filter, cleaned, reinstalled bowl and safetied. No leaks noted.
- Serviced tires with air: N = 40 psi; M = 40 psi. Serviced brake reservoir.
- Inspected and ops tested ELT m/n ELT 10 s/n A22413 per FAR 91.207(d). Installed new battery p/n BP-1010 next replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good.
- Landing gear cleaned and lubed.
- Cleaned and visually inspected all wheel bearings. Repacked all wheel bearings with grease.
- Jacked aircraft and performed landing gear operation check - normal and emergency. Ops checked good.
- All lights, pitot heat, and stall warning ops checked good.
- Replaced incorrect fasteners for baggage net attach points.



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.)
				10. Wires that went to the aft facing seats power port pulled out. Installed insulating terminals on wire ends. Ty wrapped to secure the wires. Placarded the power port inop.
				11. Sprayed flap position rollers with WD40 and worked rollers. Relubed and worked rollers. All rollers are free.
				12. Installed two new boots p/n MS25171-3S on the alternator studs.
				13. Removed broken Lord mount from instrument panel. Installed new Lord shock mount p/n J6984-121 and secured.
				14. AD 2022-03-15 to ensure the amount of fuel available is indicated correctly is not applicable. The affected equipment is not installed.
				15. POH p/n 36-590002-37 is current at revision B2 dated 1/2006.
				16. Removed autopilot roll servo p/n 065-0060-01 s/n KS-271A-A44642 and sent out to Mid Continent for overhaul. Installed overhauled roll servo p/n 065-0060-01 s/n KS-271A-A44642 after overhaul. Secured with original hardware. Ops checked good.
				17. Disassembled nose landing gear steering bellcrank assembly. Pressed out bushing. Cleaned, inspected bellcrank. Pressed in new bushing p/n A-779. Reassembled bellcrank. Safetied retainer with new cotter pin. Reassembled steering rods to bellcrank with original hardware. Tightened and safetied with new cotter pin.
				18. Adjusted landing gear limit switches for 5/8 to 3/4 turn of emergency extension hand crank in both up and down positions. Checked drag brace knee deflection force for left and right main gear 45 and 60 lb. Checked good. Nose gear (55 lb min) checked good. Checked clearance of

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. Do not write "OK" or "Good" or "No problem" or other specific entries.)
19				main landing gear drag braces to wing skins. Both sides checked good. Left up lock roller clearance checked in excess of .020".
				19. Adjusted left landing gear up lock clearance to 0.020" and tightened original hardware. Adjusted right landing gear up lock clearance to 0.020" and tightened original hardware. Adjusted left landing gear up lock cable down to 52.5 +/- 10-0 pounds. Tightened attach hardware and safetied nut with new cotter pin. Safety wired turnbuckle with 0.032" safety wire. Reinstalled cable spring and boot. Adjusted right landing gear up lock cable up to 52.5 +/- 10-0 pounds. Tightened original hardware and safetied nut with new cotter pin. Safetied turnbuckle with 0.032" safety wire Reinstalled spring and boot. Swung landing gear. Ops checked good.
				20. Installed new inlet filter element p/n D9-14-5 and new shield p/n 58-910021-1. Shimmed shield with washers as required.
				21. Aileron cable tension checks with limits IAW Bonanza M.M p/n 36-590001-9C11 Revision 6/22/2017 Figure 204.
				22. Aileron tab cable is low at 10 lbs. It should be 16 lbs max and 11 lbs low. Set cable tension to 16 lbs. Safetied turnbuckle.
				23. Rudder cable tension checks within limits IAW Bonanza M.M p/n 36-590001-9C11 Revision 6/22/2017 Figure 203.
				24. Elevator cable tension checks within limits IAW Bonanza M.M p/n 36-590001-9C11 Revision 6/22/2017 Figure 202.
				25. Sealed cabin heat muff fresh air inlet duct tear near the muffler with RTV.



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.)
				<p>Date: 1/26/2024; Aircraft: N84BE; S/N: E-2114; Hobbs: 154.60; Total Time: 3028.90</p> <p>I certify that this aircraft has been inspected in accordance with an Annual Inspection and current FAA Regulations and was determined to be in an airworthy condition. Time in service since last annual inspection is= 14.2 hours. Pertinent details are on file at this facility under Shop Order # MA-24-6138.</p> <ol style="list-style-type: none"> <li>1. Lubed all exterior flight control hinges and rod-ends.</li> <li>2. Visually inspected main fuel filter, cleaned, reinstalled bowl, and safetied. No leaks noted.</li> <li>3. Serviced tires with air: N = 40 psi; M = 40 psi. Serviced brake reservoir.</li> <li>4. Inspected and ops tested ELT m/n: ELT 10 s/n: A22413 per FAR 91.207(d). Ops checked good. Reinstalled ELT in aircraft and armed. Ops checked good. Battery replacement is due Nov/2024.</li> <li>5. Landing gear cleaned and lubed.</li> <li>6. Removed, cleaned, and visually inspected all wheel bearings. No defects or damage noted. Repacked all wheel bearings with Mobil SHC100 grease and reinstalled.</li> <li>7. Jacked aircraft and performed landing gear operation check - normal and emergency. Ops checked good.</li> <li>8. All lights, pitot heat, and stall warning ops checked good.</li> </ol>

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.)
10				<p>9. POH p/n: 36-590002-37 is current at revision B2 dated: Jan/2006.</p> <p>10. Installed new Vaccum filter p/n: AA-2J-4 on inlet of Auxiliary Vaccum pump on firewall.</p> <p>11. Ops checked both vaccum check valves. Ops checked good.</p> <p>12. Aileron cable tension checks good at 33Lbs. It should be 35 Lbs. +/- 5 lbs IAW Bonanza M.M p/n 36-590001-9C11 Revision 6/22/2017 Figure 204.</p> <p>13. Rudder cable tension checks low at 18 Lbs. It should be 25 Lbs. +/- 5 lbs. Adjusted Rudder cable tension to 26 Lbs. IAW Bonanza M.M p/n 36-590001-9C11 Revision 6/22/2017 Figure 203. Resecured turnbuckles with 4 new safety clips p/n: MS 21256-2.</p> <p>14. Elevator cable tension checks good at 26 Lbs. upper cable and 24 Lbs. lower cable IAW Bonanza M.M p/n 36-590001-9C11 Revision 6/22/2017 Figure 202.</p> <p>15. Serviced Shimmy dampener IAW Bonanza A36 AMM Section 12-2-00, para: F. Opened shimmy dampener and serviced with 5606 hydraulic fluid. Replaced scraper seal and end seal with new o-rings p/n: M83461/1-012 and MS28775-115. Replaced floating pin o-ring with new o-ring p/n: M83461/1-006. Reassembled dampener with new cotter pin. Reinstalled shimmy dampener assembly with original hardware and new cotter pin.</p> <p>16. Removed Concorde battery p/n: RG24-16 s/n: 41005997. Charged and capacity tested. Battery failed initial test at 74 %. Performed conditioning charge and retested the battery at 84.9%. Performed second condition charge and battery passes at 98.0 %. Recharged and reinstalled in the aircraft. Ops checked good.</p>

