

**ENGINE LOG**  
**EL-13P**



# T. W. SMITH ENGINE CO., INC.

HANGAR #1

LUNKEN AIRPORT

CINCINNATI, OHIO 45226

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

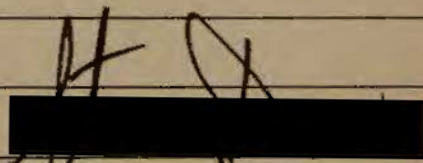
Pertinent details of the repair are on file at this agency. CERT. No. 1045

Work Order No. E1147 Date: 7/21/86

Model: CONT-IO-520-BA Serial No. 551055

Date Re-built 6-6-86

Total Accumulated Time 1867.0

Signed: 

The above listed component has been inspected, re-built and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferric parts zygloed. No further run-in of the installation is required. List of manufacturer's bulletin and AD Notes complied with, recorded in back of logbook.

AD NOTES AND SERVICE BULLETINS COMPLIED WITH AT TIME OF ENGINE RE-BUILD

<u>M77-14 REV 1</u>	<u>M83-10 REV 1</u>	<u>A.D. 77-13-22</u>
<u>M81-2</u>	<u>M76-4</u>	<u>M85-12</u>
<u>M67-23</u>	<u>M70-13</u>	<u>M68-2</u>
<u>M68-18</u>	<u>M69-4</u>	<u>M32-18</u>
<u>A.D. 79-05-09</u>	<u>M79-2</u>	<u>S.B. M78-12</u>
<u>S.B. M69-7</u>	<u>S.B. M72-13</u>	<u>S.B. M77-13</u>
<u>S.B. M67-21</u>	<u>S.B. M73-21</u>	<u>S.B. M81-27</u>
<u>S.B. M82-6</u>	<u>S.B. M85-8</u>	<u>S.L. 84-002</u>
<u>S.B. M85-8</u>		

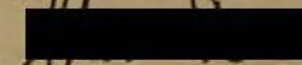


This engine was re-built according to manufacturer's manual, and must be operated in strict accordance with original engine manufacturer's operations manual.

## ENGINE EQUIPPED WITH CHROME CYLINDERS

### CAUTION

This engine is equipped with chrome cylinders, and has been completely test run and is ready for normal operation. No further ground run or slow flight is required. Additional ground run or slow flight will glaze cylinders and void warranty.

ENGINE TEST RUN PER MANUFACTURER'S SPECIFICATION FOR 15 HRS.  
ON Z-24-86 T. W. SMITH ENGINE  
CO. INC. C.R.S. 1045 

MANU

SERIAL

RATING

FUEL

REMARKS

REMARKS





CORD

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>ENGINE INSTALLED AFTER OVERHAUL <del>ADDED</del> 12 QTS AEROSHELL 50W MINERAL OIL GROUND RUN SATISFACTORY TACH TIME 1867.0 HANGAR #6 LUNKEN AIRPORT CINCINNATI, OHIO 45226 REPAIR STATION 1092 IT IS CERTIFIED THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. DATE <u>7-14-86</u> TACH <u>1867.0</u> SIGNED <u>[REDACTED]</u></p>
		<p>CHANGED OIL ADDED 12 QTS AEROSHELL 50W MINERAL OIL REPLACED AIR FILTER CHECKED FOR LEAKS DATE <u>2-1-87</u> TACH <u>1880.0</u> HANGAR #6 LUNKEN AIRPORT CINCINNATI, OHIO 45226 REPAIR STATION CERTIFICATE No. 1092</p>

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# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

## PRO LINE AIRCRAFT ENGINE COMPANY

[REDACTED]  
CINCINNATI, OH 45226

CRS NO. O6ER463Y

ENGINE MAKE	ENGINE MODEL	REGISTRATION	SERIAL NO.	COMPLETION DATE
Continental	IO-520-BA	N11JK	551055	05-02-01

DISASSEMBLED ENGINE DUE TO PROP STRIKE AND SUDDEN STOPPAGE. CLEANED AND VISUALLY INSPECTED ALL PARTS. PISTONS NOT REMOVED FROM CYLINDER. ALL ROTATING STEEL PARTS, CRANKCASE, OIL SUMP AND MT LEG: MAGNETIC PARTICLE AND PENETRANT INSPECTED BY MAGNUM AIRCRAFT ENGINES UNDER WORK ORDER MP-3047. CRANKSHAFT REJECTED DUE TO CRACK. REPLACED WITH USED SERVICEABLE FROM E.C.I. UNDER WORK ORDER 81264-01, S/N L169301N. ASSEMBLED ENGINE IN ACCORDANCE WITH CONTINENTAL PARTS MANUAL AND RELATED SERVICE BULLETINS. ENGINE INSTALLED IN BEECHCRAFT BONANZA, N11JK. SERVICED WITH 12 QUARTS 100 MINERAL AERO SHELL OIL, GROUND RUN, TEST FLOWN AND APPROVED FOR RETURN TO SERVICE.

ORDER NO.	TACH TIME	TOTAL TIME	SMOH	COMPLETED BY
1308E	2341.27	2341.27	477.27	[REDACTED] (RS06ER463Y



*White Hawk Aviation*

Phone: [REDACTED]

Fax: [REDACTED]

DATE

*Brandy Station, Va. 22714*

*N11JK Continental IO-520-BA Serial number: 551055*

*Date: 20 May 2009 TACH & TTENG: 2629.31 SMOH: 762.31*

Removed and re-installed engine after repair by Aero Engines of Winchester. Installed GamInjectors.  
Installed D'Shannon Products Engine Baffle Kit. Installed MT Propellor MTV-9-D/210-58, s/n 90028.  
Serviced engine with 12qts Phillips 20W50.

Kevin Woodside [REDACTED]

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INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

*Aero*  
**ENGINES**  
**OF WINCHESTER, INC.**

[REDACTED] HESTER, VA 22602

6-3-2009 Engine Model: IO-520-BA S/N: 551055

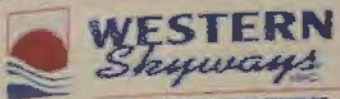
Engine disassembled, cleaned, and inspected at this time for Prop Strike Inspection. All internal steel parts were magnaflux or visually inspected. All non-ferrous parts were visually or Zyglo inspected. Crankshaft overhauled by Rick Romans repair station #BE2R713K work order #44768. Installed new Main Bearing Set P/N SA646593-A1 M10 and Rod Bearings P/N SA630826 M10. Installed new Crankshaft Seal P/N 641250. Installed Six ECI cylinder assemblies P/N ECC71.2 C/N complete. Engine assembled with all new gaskets and seals. Engine was assembled in accordance with the manufacturer's service manuals and current regulations of the Federal Aviation Administration.

[REDACTED]  
Jeremy Dolphn A & P [REDACTED]



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p><b>White Hawk Aviation</b> Phone: [REDACTED]                      [REDACTED] Fax: [REDACTED]                      Brandy Station, Va. 22714                      N11JK Continental IO-520-BA Serial number: 551055                      Date: 25 March 2011 TACH &amp; TTENG: 2756.61</p> <p>Drained oil. Removed filter, inspected contents, nothing found. Installed new CH48108 at 18 ft/lbs and saftied. Serviced engine with 10qts Aeroshell 15W50.</p> <p style="text-align: right;">Kevin Woodside [REDACTED]</p>

 <p><b>WESTERN Skyways</b>  <small>GOLD SEAL AIRCRAFT ENGINES</small></p> <p>CO 81401</p> <p>[REDACTED]</p>	<p>Date: 28 July 2011                      Tach time: 2809.36                      Total time: 2809.36                      Aircraft Model: Beech V35B                      #1 Engine Model: TCM IO-520-88                      Engine total time: 2809.36                      #1 Prop Model: MTV-9-D/2-S-58                      Prop Total time:</p>	<p>Reg. Number: N11JK                      Work Order Number: H002810                      Serial Number: D-9509                      Serial Number: 551055                      Engine TSO: 942.36                      Serial Number: 090028</p>
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## ENGINE LOG

Installed new grommet MS35489-20 in baffle at alternator wiring pass-thru. Secured fuel pump air blast duct to baffling. Installed air blast duct from baffle to vacuum pump. Rerouted and secured manifold valve vent line to prevent chafing. Cleaned oil from belly of aircraft. Secured loose clamp at standby vacuum pump. Secured inner cylinder baffle. Installed new nut on left magneto cap. Adjusted right cowli flap rod for proper closure. Installed 2 new screws in left aft baffle. Installed AN914-1 fitting in innercooler at drain fitting.

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

Signature [REDACTED]  
 Repair Station Number WS9R575J [REDACTED]





Date: 15 July 2011  
 Tech time: 2877.50  
 Total time: 2797.50  
 Aircraft Model: Beech V35B  
 #1 Engine Model: TCM IO-520-BB  
 Engine total time: 2797.50  
 #1 Prop Model: MTV-9-D2-5-58  
 Prop Total time:

Reg. Number: N11LK  
 Work Order Number: H002810  
 Serial Number: D-9209  
 Serial Number: S31055  
 Engine TSC: 930.5  
 Serial Number: 090028

www.westernskyways.com

Removed propeller from aircraft. Removed engine. Modified engine by installation of turbnormalizer in accordance with Western Skyways STC SE8677SW. Deviated from STC drawings by installing 4" fresh air inlet duct to intercooler. Installed engine in accordance with Western Skyways STC SE8677SW. Vacuum tested valves, see engine log for repairs (reference Western Skyways work order 0027940.) Removed GEM indicator. Installed JP Instruments EDM700 engine monitor. (GEM wiring harness used with JPI monitor.) JPI installed in accordance with JP Instruments Report #103 and STC SA2586NM. Installed new engine fuel inlet hose, fuel return hose and throttle body to fuel pump hoses. Installed new #4 and #6 EGT probes part number 3199870 and new #3 CHT probe 3199853. Filed 337 form. Weighed aircraft. Updated weight and balance. Corrected empty weight: 2381.50. Center of Gravity 80.10. Useful load: 1019.0. Added Instruction for Continued Airworthiness to Aircraft Permanent records. Added Flight Manual Supplements to Pilots Operating Handbook.

Components installed:

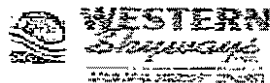
ITEM	MODEL/PART NUMBER	SERIAL NUMBER
Turbocharger	406610-0029	H-OEL00209
Fuel Control	649468-2-11	C148012RA
Manifold Valve	631351-18A1	J039212CR
Fuel Pump	646210-11-2	B129724BR
Fuel limiter	642100-5	H002810
Tuned injectors	EQ7488	N/A
Controller	481058-0001	H-OFN00158
Wastegate	470908-0011	H-OFN00093
Pressure Relief Valve	470944-0020	LIN00416
Starter Adapter	642085A17	WS27806CB
MAP/FF gauge	H.213	195910

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

Signature

Repair Station Number WS9R575J

Form 201



Date: 15 July 2011  
 Tech time: 2877.50  
 Total time: 2797.50  
 Aircraft Model: Beech V35B  
 #1 Engine Model: TCM IO-520-BB  
 Engine total time: 2797.50  
 #1 Prop Model: MTV-9-D2-5-58  
 Prop Total time:

Reg. Number: N11LK  
 Work Order Number: H002810  
 Serial Number: D-9209  
 Serial Number: S31055  
 Engine TSC: 930.5  
 Serial Number: 090028

www.westernskyways.com

Removed propeller from aircraft. Removed engine. Modified engine by installation of turbnormalizer in accordance with Western Skyways STC SE8677SW. Deviated from STC drawings by installing 4" fresh air inlet duct to intercooler. Installed engine in accordance with Western Skyways STC SE8677SW. Vacuum tested valves, see engine log for repairs (reference Western Skyways work order 0027940.) Removed GEM indicator. Installed JP Instruments EDM700 engine monitor. (GEM wiring harness used with JPI monitor.) JPI installed in accordance with JP Instruments Report #103 and STC SA2586NM. Installed new engine fuel inlet hose, fuel return hose and throttle body to fuel pump hoses. Installed new #4 and #6 EGT probes part number 3199870 and new #3 CHT probe 3199853. Filed 337 form. Weighed aircraft. Updated weight and balance. Corrected empty weight: 2381.50. Center of Gravity 80.10. Useful load: 1019.0. Added Instruction for Continued Airworthiness to Aircraft Permanent records. Added Flight Manual Supplements to Pilots Operating Handbook.

Components installed:

ITEM	MODEL/PART NUMBER	SERIAL NUMBER
Turbocharger	406610-0029	H-OEL00209
Fuel Control	649468-2-11	C148012RA
Manifold Valve	631351-18A1	J039212CR
Fuel Pump	646210-11-2	B129724BR
Fuel limiter	642100-5	H002810
Tuned injectors	EQ7488	N/A
Controller	481058-0001	H-OFN00158
Wastegate	470908-0011	H-OFN00093
Pressure Relief Valve	470944-0020	LIN00416
Starter Adapter	642085A17	WS27806CB
MAP/FF gauge	H.213	195910

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

Signature

Repair Station Number WS9R575J

Form 201



OLD SEAL AIRCRAFT ENGINES  
Montrose, CO 81401 CRS # WS9R575J

Engine Model: IO-520-BA

Serial Number: 551055

Time: 2797.5Hrs. TSN

Work Order: 0027940 Date: 07/05/2011

This engine was disassembled for a case change. All parts were cleaned and inspected. Crankcase M/N: 32355 was replaced with serviceable case M/N: K209005RP. Crankshaft S/N: L169301 was cleaned and ultrasonic inspected per MSB96-10A and AD97-26-17 found serviceable. Replaced #5 intake and #6 exhaust lifters with new lifters P/N: SA628488 & SA646277. Verified lifters are not affected by AD2010-11-04 by part numbers. Replaced alternator face gear with serviceable gear P/N: 632018. Installed new 7<sup>th</sup> stud oil gauge rod and cap assembly P/N: 652171-4. Replaced flat top starter adapter with overhauled starter adapter P/N: 642085A17. Engine was reassembled using new main bearings, new gaskets and seals as necessary. Cylinders were honed and re-ringed. Engine was run in a test cell for leak and operations check. Assembled I/A/W Western Skyways, Inc. Repair Specification WS-100 "Use and Application of Hylomar Sealant" dated 11/10/2010, Teledyne Continental Overhaul Manual X30039A and applicable service publications.

The engine and/or component identified above was repaired and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this Repair Station under above work order.

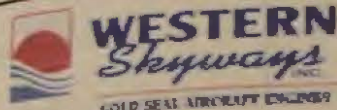
Signed

Rene Medina, Chief Inspector  
CRS# WS9R575J



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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Maintenance CO 81401  
[Redacted]  
www.westernskyways.com

Date: 8 August 2011  
Tach time: 2818.6  
Total time: 2818.6  
Aircraft Model: Beech V35B  
#1 Engine Model: TCM IO-520-BB  
Engine total time: 2818.60  
#1 Prop Model: MTV-9-D/2-5-58

Reg. Number: N11JK  
Work Order Number: H002810  
Serial Number: D-9509  
Serial Number: 551055  
Engine TSO: 951.60  
Serial Number: 090028

## ENGINE LOG

Installed overhauled fuel pump 646210-11-2 serial number E037734B. Adjusted fuel system per TCM SID97-3E and Western Skyways ICA manual V35-2000 rev. A.  
The aircraft, airframe, engine, propeller, and/or appliance identified above was repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and is hereby returned to service. Pertinent details are on file at this Repair Station on above work order.

Signature [Redacted]  
Repair Station Number WS9R575J [Redacted]  
Form 201

White Hawk Aviation

Phone: [Redacted]

Fax: [Redacted]

[Redacted]  
Brandy Station, Va. 22714

N11JK Continental IO-520-BA Serial number: 551055

Date: 17 October 2011 TACH & TTENG: 2838.0

Drained oil. Removed filter, inspected contents, nothing found. Installed new CH48108 at 18 ft/lbs and saftied. Serviced engine with 10qts Aeroshell 15W50. Switched #3 and #4 fuel injectors per Western Skyways.

[Redacted] Kevin Woodside [Redacted]

# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

*White Hawk Aviation*

Phone: [REDACTED]

Fax: [REDACTED]

*Brandy Station, Va. 22714*

*N11JK Continental IO-520-BA Serial number: 551055*

*Date: 23 December 2011 TACH & TTENG: 2847.41 SMOH: 980.41*

Inspected engine controls for security, freedom of movement, and travel limits. Cleaned, gapped, and tested plugs. Installed plugs with new M674 gaskets and torqued plugs to 30 foot-pounds. Inspected and tested plug leads. Mag timing checked ok at 22 degrees BTDC per engine data plate. Inspected all hoses, lines, fitting, and wires. Inspected intakes, exhaust, and muffler. Inspected engine shock mounts.

Compression test readings 1=72/80 2=74/80 3=76/80 4=72/80 5=72/80 6=74/80. Run up, high power check, and leak checked ok. AD's searched through 2011-23.

I certify this engine has been inspected IAW ANNUAL INSPECTION, as per annual inspection checklist and was determined to be in an AIRWORTHY condition.

Kevin Woodside AP [REDACTED]



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

[Redacted]

*Brandy Station, Va. 22714*

*N11JK Continental 10-520-BA Serial number: 551055*

*Date: 15 March 2012 TACH & TTENG: 2878.23*

Drained oil. Removed filter, inspected contents, nothing found. Installed new CH48108 at 18 ft/lbs and saftied. Serviced engine with 10qts Aeroshell 15W50. Run up and leak check ok.

[Redacted Signature]

Kevin Woodside AP [Redacted]

Phone: [Redacted]  
Fax: [Redacted]



# mt-propeller

*The Winner's Propeller*

## PROPELLER LOGBOOK

EASA DE.21G.0008 / EASA.21J.020

MTE - 1198  
Juni 2005





U.S. Department of  
Transportation  
Federal Aviation  
Administration

## MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

**INSTRUCTIONS:** Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

<b>1. Aircraft</b>	Make <b>BEECH</b>	Model <b>V35B</b>
	Serial No. <b>D-9509</b>	Nationality and Registration Mark <b>USA N11JK</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>JOHN KENNEDY</b>	Address (As shown on registration certificate) [REDACTED] <b>HERNDON, VA 20170</b>

### 3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
<b>AIRFRAME</b>	~~~~~(As described in item 1 above)~~~~~				<b>X</b>
<b>POWERPLANT</b>					
<b>PROPELLER</b>					
<b>APPLIANCE</b>	Type				
	Manufacturer				

### 6. Conformity Statement

A. Agency's Name and Address <b>KEVIN WOODSIDE</b> [REDACTED] <b>CULPEPER, VA 22701</b>	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. <b>AP</b> [REDACTED]
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date <b>May 21, 2009</b>	Signature of Authorized Individual [REDACTED] <b>KEVIN WOODSIDE</b>
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### 7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is  APPROVED  REJECTED

<b>BY</b>	FAA Fit Standards Inspector	Manufacturer	<b>X</b>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection <b>May 21, 2009</b>	Certificate or Designation No. <b>AP</b> [REDACTED]	Signature of Authorized Individual <b>KEVIN WOODSIDE</b> [REDACTED]
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**NOTICE**

*Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.*

**8. Description of Work Accomplished**

*(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

REMOVED PROPELLER.

INSTALLED MT-PROPELLER MTV-9-D, S/N 090028

INSTALLED MT-PROPELLER IAW STC SA02535CH.

CONTINUED AIRWORTHINESS: REFERENCE MT-PROPELLER OPERATION AND INSTALLATION MANUAL ATA 61-01-24

-----END-----

Additional Sheets Are Attached



# MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
<p><i>White Hawk Aviation</i>      <i>Phone:</i> [REDACTED]  <i>Brandy Station, Va. 22714</i>      <i>Fax:</i> [REDACTED]  <b>N11JK MT MTV-9-D</b>      <b>Serial number: 090028</b>  <b>Date: 16 December 2011</b>      <b>TACH: 2847.41</b>                      I certify this propeller has been inspected IAW ANNUAL INSPECTION and was determined to be in <u>AIRWORTHY</u> condition.                      Kevin Woodside AP [REDACTED]</p>				

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

W/JK

BOOK 2

*The Standard*



**AIRCRAFT LOG**

ASA-8A-2

Check/Cre



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Cincinnati Hangar 6  
 [REDACTED] Cincinnati, Ohio 45226  
 [REDACTED]  
 Repair Station Certificate No. C6NR592J

Make	Model	Registration Mark	Serial No.	Completion Date
Bonanza	V35B	N11JK	D-9509	06-21-01

THIS PROPELLER (HARTZELL PHC-C3YF-1RF / F8468A-6R; S/N EE3802B) WAS INSTALLED ON THIS AIRCRAFT. SEE FAA FORM 337 DATED 06-13-01. CHANGE IN WEIGHT AND BALANCE WAS COMPUTED USING LOG BOOK ENTRY DATED 3-26-91. CHANGE IS AS FOLLOWS: NEW EMPTY WEIGHT - 2304 lb  
 ARM - 80.6 ins  
 MOMENT - 185743.46 inlbs

AIRCRAFT GROUND RUN, TEST FLOWN AND IS APPROVED FOR RETURN TO SERVICE.

Work Order No.	Tach Time	Total Time	Date	Completed By
CH6-1308	2341.27	Unknown	06-21-01	[REDACTED]





CTIONS  
NUMBER OF  
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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2009				
2-9	2624.96			Inspection Log Service Rec STC [Redacted]
2-24	2627.45			[Redacted] Dual CISN VOR CHECK - No Error

White Hawk Aviation

Phone: [Redacted]  
Fax: [Redacted]

Brandy Station, Va. 22714

N11JK Beechcraft V35B Serial number: D-9509

Date: **20 May 2009** Tach: **2629.31** TTAF: **2629.31** TTENG: **2629.31** SMOH: **762.31**

Removed and re-installed engine after repair by Aero Engines of Winchester. Installed GamInjectors.  
Installed D'Shannon Products Engine Baffle Kit. Installed MT Propellor MTV-9-D/210-58, s/n 90028.

Kevin W. [Redacted]

21/may 09				Installed Zapowas Baffle Kit to nose of Revised bottom Camp [Redacted]

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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**Shenandoah Avionics, LLC**

[Redacted] Fimberville, Va. 22853

Repair Station # 2SAR659Y

N# 11JK

W/O # 9060301

Date June 17, 2009

Hourmeter N/A

Tach 2636.48

A/CTT 2636.48

Removed the following equipment: DAC-31 GPSS roll steer unit, King KA-51A Slaving accessory, King KMT-112 Flux transmitter, King KG-102A Remote D/G, and King KI-525A HIS. Installed Garmin GDL-90 UAT Data Link Sensor, S/N 29102041, see Shenandoah Avionics approved 337 dated June 17, 2009. Installed Aspen Pro 1000 EFIS, S/N 3257, see Shenandoah Avionics approved 337 dated June 17, 2009. Removed ACK A-30 encoder and installed new ACK A-30 encoder Mod. 8 with digital RS-232 output as required for the Garmin GDL-90. and performed check IAW CFR 91.411 and CFR 91.413. Installed Davtron MB800 clock, S/N D26317, in pilot yoke and connected to existing power wire for clock operation.

New Weight & Balance:

Weight: 2230.6

Arm: 80.55

Moment: 179666.5

-----  
END

Signed

[Redacted Signature]

Todd Ott

AP [Redacted]

7-30 2638.48

Install Insure FS 480





N111JK

Book 3



*The Standard*

# AIRCRAFT LOG

ASA-SA-2



DATE

TIME

TIME IN SERVICE

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

9/2

2723.8

Shenandoah Avionics, LLC

Timberville, Va. 22853

Repair Station # 2SAR659Y

N# 11JK

Date September 02, 2010

Hourmeter N/A

Tach 2723.8

A/CTT 2723.8

W/O # 10090201

Installed Garmin GDL 69 Weather data link system, S/N 47702706 IAW Garmin Installation Manual, P/N 190-00355-02 Rev. E dated June 2006. See Shenandoah Avionics approved 337 dated September 02, 2010.

New Weight & Balance:

Weight: 2243.85

Arm: 81.13

Moment: 182043.93

Signed

[Redacted Signature]

Todd Ott  
AP [Redacted]

YEAR  
20  
DATE

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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**Shenandoah Avionics, LLC**

Weyers Cave, Va. 24486

Repair Station # 2SAR659Y

N# 11JK

W/O # 11060202

Date June 8, 2011    Hourmeter N/A    Tach 2783.1    A/CTT N/A

Removed King KX-155 NAV/COM receiver and King KI-208 nav indicator. Installed Garmin GTN-750 NAV/COM/GPS receiver, S/N 1ZA000857, and Garmin GA-35 GPS/WAAS antenna, S/N 74985. See Shenandoah Avionics approved 337 dated June 8, 2011.

This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulation of the Federal Aviation Agency and is approved for return to service.

**New Weight & Balance:    Weight: 2244.65    Arm: 80.98    Moment: 181786.53**

-----END-----

Signed \_\_\_\_\_

Todd Ott





YEAR  
20 \_\_\_\_\_  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

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

White Hawk Aviation

Phone

Fax:

Brandy Station, Va. 22714

N11JK Beechcraft V-35B Serial number: D-9509

Date: **16 December 2011** Tach: **2847.41** TTAF: **2847.41** TTENG: **2847.41** SMOH: **980.41**

Inspected the controls for freedom of movement, security, and travel limits, lubed same. Inspected all lights both interior and exterior. Inspected wheels tires and brakes. Topped brake reservoir with MIL 5606. Repacked all wheel bearings. Replaced BA-7112 induction filter, pneumatic canister filter and vacuum pump filters. Replaced entire interior with owner supplied interior from another Bonanza. Installed Alpha Aviation Shoulder Harness kit IAW STC SA1880CH. Inspected seats, seat rails, rollers, pins, and seat belts. Inspected battery and cleaned corrosion off terminals. I certify I have inspected the **ELT SYSTEM** in this airframe, found it meets the requirements of **FAR 91.207 (d) and replaced batteries. Battery due March 2016.** **AD's searched through 2011-23.C/W AD76-07-12 and AD96-09-06.**

I certify this aircraft has been inspected IAW ANNUAL INSPECTION as per Annual Inspection check list and was determined to be in an **AIRWORTHY** condition

Kevin Woodside AF