

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, Airworthiness Approval Tag			3. Form Tracking Number: <b>I12057</b>	
4. Organization Name & Address: Milwaukee Avionics and Instruments				6130 South Jasper Avenue Milwaukee, WI 53207 414.769.0602		5. Work Order/Contract/ Invoice/Number: <b>I12057</b>
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	3 In 1 Gauge	22-803-09	1	G104	Repair	
12. Remarks: Repaired and functionally tested per industry standards.						
13.a Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in block 12.			14.a <input checked="" type="checkbox"/> 14 CFR 43.9 Return to service <input type="checkbox"/> Other regulations 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.			
13.b Authorized Signature:		13.c Approval/Authorization No.:		14.b Authorized Signature: 		14.c Approval/Certificate No.: <b>M7IR960J</b>
13.d Name (Typed or Printed):		13.e Date (dd-mmm-yyyy):		14.d Name (Typed or Printed): <b>Scott Swosinski</b>		14.e Date (dd-mmm-yyyy): <b>2/Feb/2017</b>
<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 13.a and 14.a 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.						

## AD NOTES COMPLIANCE RECORD

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
56-06-02	Cylinder flange attaching stud				X		
56-06-02	Cylinder flange attaching stud				X		
57-05-04	Crankshaft cracking			X			
57-05-04	Crankshaft cracking			X			
66-14-04	Cam reduction drive gear assem.			X			
66-14-04	Cam reduction drive gear assem.			X			
68-09-01 R1	Engine crankshaft flyweight				X		
68-09-01 R1	Engine crankshaft flyweight				X		
68-23-06	Volpar tri-gear				X		
70-10-02	Gerotor pump drive pin				X		
70-10-02	Gerotor pump drive pin				X		
72-16-02 R3	Volpar nose gear fork				X		
72-25-06	Nose gear extension				X		
75-27-09 R2	Wing structure				X		
77-19-07	Control column assembly				X		
78-08-07	Cylinder head separation				X		
78-08-07	Cylinder head separation				X		
78-10-01	Lower rudder torque tube				X		
81-13-06 R2	Propeller blade failure				X		
99-05-13 R1	Lack of fuel flow to the engine				X		

2/23/18

No Change  
P  
8368961



US Department  
of Transportation  
Federal Aviation  
Administration

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

OMB No. 2120-0020 Electronic Tracking Number  
Exp. 5/31/2018

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N727AV	Serial No. BA560
	Make Beechcraft	Model G18S
2. Owner	Name (As shown on registration certificate) Zulu Forty One, 745 W ST Suite 203B Anchorage AK 99501	
	Address (As shown on registration certificate) Address 650 Miller Rd City Coldwater State MI Zip 49036 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification		
Repair	Alteration	Unit	Make	Model
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	Beechcraft	(As described in item 1 above)
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT		
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER		
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type Manufacturer	

#### 6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		Manufacturer
Name	Rueben A Walkup	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic	C. Certificate No. <b>A&amp;P 3368961</b>
Address	12602 DR-Q	<input type="checkbox"/>	Foreign Certificated Mechanic	
City	Pioneer State OH	<input type="checkbox"/>	Certificated Repair Station	
Zip	43564 Country USA	<input type="checkbox"/>	Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>Rueben A Walkup</i> 9/1/2017
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#### 7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is  Approved  Rejected

BY	FAA Fit, Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport Other (Specify)
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	

Certificate or Designation No. A&P 3368961 IA	Signature/Date of Authorized Individual <i>Rueben A Walkup</i> 9/1/2017
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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.)

N727AV

September 1st 2017

Nationality and Registration Mark

Date

Inspected installation of Airwolf oil filter kit dated 4/17/2012. 337 form on file with the FAA not checked off for approval to return to service. I have found the installation of kit AFC-K015 to have been done IAW Airwolf STC SA0128NY and approve the installation on the right and left engine to be in an airworthy condition.

Rueben A Walkup A&P 3368961 IA

END

Textron (Beech) G18S

Airworthiness Directive  
Compliance Report

Date: 04/22/2019	Make/Model: Textron (Beech) G18S	Tail #: N727AV	Serial #: BA-560
Airframe Hours:			
Misc:			
Left Engine: Pratt & Whitney R-985 Series	Serial #: 42-121892	Hours: SMOH: 253.7	
Left Propeller: Hamilton Standard 22D	Serial #: 186627	Hours: SMOH: 218.9	
Right Engine: Pratt & Whitney R-985 Series	Serial #: 10623	Hours: SMOH: 1003.6	
Right Propeller: Hamilton Standard 22D	Serial #: N196414	Hours: SMOH: 227.1	

Textron (Beech) G18S

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
68-23-06 12/19/68 Airframe	Lower Spar Cap		DNA Volpar mod not installed			Joel Newton 574306216A&P <i>Joel Newton</i>
72-16-02 R3 04/16/81 Airframe	Nose Landing Gear Fork		DNA Volpar mod not installed	Yes*		Joel Newton 574306216A&P <i>Joel Newton</i>
72-25-06 12/09/72 Airframe	Nose Gear Extension		DNA by volpar mod not installed			Joel Newton 574306216A&P <i>Joel Newton</i>
75-27-09 R2 08/21/80 Airframe	Wing Structure Failure	PCW	DNA DEE Howard STC strap installed	Yes	DUCE Hobbs 607.8	Joel Newton 574306216A&P <i>Joel Newton</i>
77-19-07 09/29/77 Airframe	Control Column/Elevator Control Arm	05/20/2019 HOBBS; 285.9	DYE & PEN Visual inspection for cracks	Yes	SMOH: 585.9	Joel Newton 574306216A&P <i>Joel Newton</i>
78-10-01 05/17/78 Airframe	Lower Rudder Torgue Tube Cracks	05/20/2019 HOBBS; 285.9	Visual Inspection	Yes*	06/19/2019	Joel Newton 574306216A&P <i>Joel Newton</i>
81-18-07 09/10/81 Airframe	Main Landing Gear Walking Beam Bolt		DNA by Volpar mod nit installed	Yes		Joel Newton 574306216A&P <i>Joel Newton</i>

Left Engine: Pratt & Whitney R-985 Series

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
56-06-02 L. Engine	Cylinder Flange Attaching Studs	05/20/2019 HOBBS; 285.9	Visual and torque check see P & W SB 1000		Hobbs: 385.9	Joel Newton 574306216A&P <i>Joel Newton</i>
57-05-04 L. Engine	Crankshaft Cracking		Complied with at overhaul	Yes		Joel Newton 574306216A&P <i>Joel Newton</i>
66-14-04 07/09/66 L. Engine	Cam Reduction Drive Gear Assembly		Complied with at overhaul			Joel Newton 574306216A&P <i>Joel Newton</i>
68-09-01 01/17/73 L. Engine	Engine Crankshaft Flyweight		DNA ham-Std props installed	Yes		Joel Newton 574306216A&P <i>Joel Newton</i>
70-10-02 06/09/70 L. Engine	Gerotor Pump Drive Pin or Fuel Injector Filter		DNA not insralled	Yes		Joel Newton 574306216A&P <i>Joel Newton</i>
78-08-07 05/02/78 L. Engine	Cylinder Head Cracks	05/20/2019 HOBBS; 285.9	P & W SB 1785 Visual inspection @ 150 hrs ultrasonically checked	Yes	Hobbs: 435.9	Joel Newton 574306216A&P <i>Joel Newton</i>

Right Engine: Pratt & Whitney R-985 Series

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
56-06-02 R. Engine	Cylinder Flange Attaching Studs	05/20/2019 HOBBS; 285.9	Visual and torque check P & W SB 1000		Hobbs: 385.9	Joel Newton 574306216A&P <i>Joel Newton</i>
57-05-04 R. Engine	Crankshaft Cracking		Complied with at overhaul	Yes		Joel Newton 574306216A&P <i>Joel Newton</i>
66-14-04 07/09/66 R. Engine	Cam Reduction Drive Gear Assembly		Complied with at overhaul			Joel Newton 574306216A&P <i>Joel Newton</i>
68-09-01 01/17/73 R. Engine	Engine Crankshaft Flyweight		DNA Ham-Std prop installed	Yes		Joel Newton 574306216A&P <i>Joel Newton</i>
70-10-02 06/09/70 R. Engine	Gerotor Pump Drive Pin or Fuel Injector Filter		DNA not installed	Yes		Joel Newton 574306216A&P <i>Joel Newton</i>
78-08-07 05/02/78 R. Engine	Cylinder Head Cracks	05/20/2019 HOBBS; 285.9	P & W SB 1785 visual inspection @ 150 hrs.	Yes	Hobbs: 435.9	Joel Newton 574306216A&P <i>Joel Newton</i>

**Left Propeller: Hamilton Standard 22D**

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
81-13-06 R2 09/15/89 L. Propeller	Blade Corrosion Inspection		PCW DUE Sept 2020	Yes	SEPT> 2020	Joel Newton 574306216A&P <i>Joel Newton</i>

**Right Propeller: Hamilton Standard 22D**

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
81-13-06 R2 09/15/89 R. Propeller	Blade Corrosion Inspection		PCW Due 2020	Yes	SEPT; 2020	Joel Newton 574306216A&P <i>Joel Newton</i>