

N 56694

LOGBOOK # 3

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AIRFRAME  
MAINTENANCE  
RECORDS**



# AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N 56694

Aircraft Mfg. PIPER Model PA-28-140 Serial No. 28-7425020

Engine Mfg. LYCOMING Model O-320-E3D Serial No. L-34978-27A

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Propeller Mfg. SENSENICH Model M 74DM-O-58 Serial No. K8077

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

(All applicable information must be filled in)



**AEROTECH PUBLICATIONS INC.**

www.adlog.com  
PO BOX 1359 / SOUTHOLD, NY 11971-0965  
(631) 765-9375  
1-800-235-6444  
FAX: (631) 765-9359

| DATE  | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|-----------------------|------------------------------|---|
| <b>TOTAL</b> brought forward from previous page |                       |                              |   |



785-354-7055  
 Billard Airport  
 Topeka, Ks. 66616

Airframe Log  
 N56694  
 PA28-140  
 28-7425020

5-1-2009

Tach: 3097.0 hrs

REMOVED ENGINE AND SENT TO MIDWEST A/C FOR OH, REINSTALLED MODIFIED 150 TO 160 HP ENG WITH RAM STC SA2706SW-D NEW MOUNTS, INSTALLED EXCHANGE PROP FROM FOSTER PROPELLER P.N. M74DM-0-58 WITH PITCH SET PER STC. MADE UP 337 FORM FOR MOD AND INSTALLED POH SUPPLEMENT. REMOVED OIL PRESSURE GAUGE AND HAD KINGS AV REPAIR AND REINSTALLED. REPACKED ALL WHEEL BEARINGS. REPLACED BOTH VACUM FILTERS. C/W FAR 91.207 BY INSP AND INSTALLED NEW ELT BATT, DUE BTE 7-11. REMOVED RT GEAR LEG AND REPLACED ALL ORINGS AND BOLT. REPLACED NOSE STRUT AND TOP SISSORS LINK AND RESEALED AND SERVICED. REPLACED BOTH BRAKE DISC AND ALL LININGS. SERVICED BRAKE RES. REMOVED COPILOTS SEAT AND REPAIRED AND REINSTALLED. REPLACED NAV LIGHT SWITCH. REPAIRED CARB HEAT BOX. C/W AD 69-22-02 R2 BY INSP OF CONTROL WHEEL, C/W AD 76-07-12R1 BY CHECKING SWITCH. AD 72-08-06 N/A BY P.N. OF LINKS. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITON. Test ran OK.

*Keith Hetrick*  
 KEITH HETRICK



785-354-7055  
 Billard Airport  
 Topeka, Ks. 66616  
 R. S. # M12R006L

Airfram Log  
 N56694  
 PA28-140  
 W. O. #09-2576

5-1-2009

Tach: 3097 hrs

Removed all three wheel pants and made up new Wt & Bal.

*Keith Hetrick*  
 KEITH HETRICK

MAKE SENSENICH  
 SERIAL NO. K8077

MODEL M74DM-0-58

N56694

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED/OVERHAULED AND INSPECTED IN ACCORDANCE WITH CURRENT CIVIL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 6202

DATE 04/23/09

SIGNED

*John P. Foster*

FOR

FOSTER'S PROPELLER SERVICE, INC.

CERTIFICATE NO. E3PRO14N


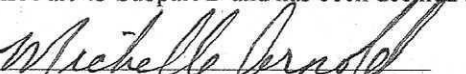
26650 HIGHWAY 62 BOYNTON, OK. 74422 PH. 918-733-2131

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| DATE   | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK   |
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| <b>TOTAL</b> brought forward from previous page  |                       |                              |   |
| 6-12-09  | 5496.47               | 3189.47                      | I certify that this <sup>ca</sup> engine airframe has been inspected in accordance with a 100hr inspection and was found airworthy. <i>Cher K De Troy ACP 2734865</i> |
| <div data-bbox="292 525 519 661"> <p>Star-Bright Aviation<br/>1705 Minnesota Rd.<br/>Iola, KS 66744<br/>620-305-9118</p> </div> <div data-bbox="722 525 1039 661"> <p><b>AIRCRAFT LOG ENTRY</b><br/>N56694<br/>Piper-PA-28-140<br/>S/N 28-745020</p> </div> <div data-bbox="1201 525 1396 609"> <p>Michelle Arnold<br/>AP# 3350131</p> </div> <div data-bbox="1120 630 1429 672"> <p>WO# _____</p> </div> <div data-bbox="292 682 876 724"> <p><b>Date:</b> <u>8/15/09</u>      <b>Tach:</b> <u>3289</u>      <b>Next Due:</b> <u>3389</u></p> </div> <div data-bbox="292 735 706 766"> <p><b>Work Performed: 100-hr Inspection</b></p> </div> <div data-bbox="292 766 1421 903"> <p>Open aircraft for 100-hour inspection. Check brakes. Remove main and nose wheel fairings; check and inflate tires to spec; inspect and pack wheel bearings with grease. Inspect all cables, controls, pulleys, bell cranks, and pushrods for security of installation and operations; lube pulleys, bell cranks, hinges, and pins. Check battery levels. ELT; C/W 91.207 (D) test and inspection, new battery due 1/2010.</p> </div> <div data-bbox="292 913 365 945"> <p><b>AD's:</b></p> </div> <div data-bbox="292 945 779 1008"> <p>AD 95-26-13 N/A C/W and next due at 3389.<br/>AD 76-07-12 R1 C/W and next due at 3389.</p> </div> <div data-bbox="292 1018 1396 1092"> <p>I certify this aircraft has been inspected IAW the requirements of a 100-hr Inspection as set forth in A/W FAR Part 43 Subpart D and has been deemed to be in an Airworthy condition.</p> </div> <div data-bbox="292 1092 730 1207"> <p><i>Michelle Arnold</i><br/>Michelle Arnold<br/>AP# 3350131</p> </div> |                       |                              |   |

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|      | Star-Bright Aviation<br>1705 Minnesota Rd.<br>Iola, KS 66744<br>620-305-9118 |                              | <p style="text-align: center;"><b>AIRCRAFT LOG ENTRY</b></p> <p style="text-align: center;">N56694<br/>Piper-PA-28-140<br/>S/N 28-745020</p> <p style="text-align: right;">Michelle Arnold<br/>AP# 3350131</p> <p style="text-align: right;">WO# _____</p> <p><b>Date:</b> <u>9/23/09</u>      <b>Tach:</b> <u>3385</u>      <b>Next Due:</b> <u>3485</u></p> <p><b>Work Performed: 100-hr Inspection</b><br/>Open aircraft for 100-hour inspection. Check brakes. Remove main and nose wheel fairings; check and inflate tires to spec; inspect and pack wheel bearings with grease. Inspect all cables, controls, pulleys, bell cranks, and pushrods for security of installation and operations; lube pulleys, bell cranks, hinges, and pins. Check battery levels. ELT; C/W 91.207 (D) test and inspection, new battery due 1/2010.</p> <p><b>AD's:</b><br/>AD 95-26-13 N/A C/W and next due at 3485.<br/>AD 76-07-12 R1 C/W and next due at 3485.</p> <p>I certify this aircraft has been inspected IAW the requirements of a 100-hr Inspection as set forth in A/W FAR Part 43 Subpart D and has been deemed to be in an Airworthy condition.</p> <p style="text-align: center;"><br/>Michelle Arnold<br/>AP# 3350131</p>    |
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|      | Star-Bright Aviation<br>1705 Minnesota Rd.<br>Iola, KS 66744<br>620-305-9118 |                              | <p style="text-align: center;"><b>AIRCRAFT LOG ENTRY</b></p> <p style="text-align: center;">N56694<br/>Piper-PA-28-140<br/>S/N 28-745020</p> <p style="text-align: right;">Michelle Arnold<br/>AP# 3350131</p> <p style="text-align: right;">WO# _____</p> <p><b>Date:</b> <u>10/27/09</u>      <b>Tach:</b> <u>3486</u>      <b>Next Due:</b> <u>3585</u></p> <p><b>Work Performed: 100-hr Inspection</b><br/>Open aircraft for 100-hour inspection. Check brakes. Remove main and nose wheel fairings; check and inflate tires to spec; inspect and pack wheel bearings with grease. Inspect all cables, controls, pulleys, bell cranks, and pushrods for security of installation and operations; lube pulleys, bell cranks, hinges, and pins. Check battery levels. ELT; C/W 91.207 (D) test and inspection, new battery due 1/2010.</p> <p><b>AD's:</b><br/>AD 95-26-13 N/A C/W and next due at 3585.<br/>AD 76-07-12 R1 C/W and next due at 3585.</p> <p>I certify this aircraft has been inspected IAW the requirements of a 100-hr Inspection as set forth in A/W FAR Part 43 Subpart D and has been deemed to be in an Airworthy condition.</p> <p style="text-align: center;"><br/>Michelle Arnold<br/>AP# 3350131</p> |

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**Airframe Log Entry**

N56694

Piper PA-28-140

S/N 28-745020

**Date:** 1/10/10

**Tach:** 3635.7

**TTAF:** 5938.69

**Work Performed: Annual Inspection**

**Next Due:** 1/31/11

Opened all inspection panels. Inspected all cables, controls, pulleys, bell cranks, and pushrods for operational movement and security of installation – lubricated as needed. Inspected ELT I/A/W FAR 91.207 and new battery due 07/11. Oil cooler hoses were removed and inspected for flexibility. Found to be in good condition then re-installed. Refer to AD note below. Carb heat shroud removed, welded for repairs, and re-installed. L/H baffling missing screw-installed. Replaced scat tubing from muffler shroud to cabin heat outlet. Removed fuel pump, oil, and gascolator screens. Cleaned, inspected, and re-installed. Replaced regulator filter. Removed R/H tire to rotate tire, repacked bearings, and installed new brake pads.

**AD's:**

**95-26-13** the installation of TSO-C53a, Type D oil cooler hose assembly on 8/17/06, Tach: 2595.49, rendered the A/D complied with.

**76-07-12** Ignition switch insp next due 3735.7

Refer to list for previously C/W A/D's

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

**Gregg Olson**  **IA 2734157**



**Propeller Log Entry**

N56694

Sensenich M74DM-O-58

S/N K8077

**Date:** 1/10/11

**Tach:** 3635.7

**TSOH:**

**Work Performed: Annual Inspection**

**Next Due:** 1/31/11

Dressed prop.

**AD's:** N/A

Refer to list for previously C/W A/D's

I certify this propeller has been inspected IAW an Annual Inspection and has been determined to be in an airworthy condition.

**Gregg Olson**  **IA 2734157**

**RAPCO, inc.**  
 Air Filter P/N **RAB3-S-1**  
 Changed at: **3635.7** Hrs. **4135.7** Hrs.  
 Next Change: **4135.7** Hrs.  
 Date: **1/10/10**  
 MANDATORY REPLACEMENT: 500 hours in service, annually, or pump replacement, whichever comes first.  
 Hartland, WI 53029 USA

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK  |
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|      |                       |                              | <b>TOTAL</b> brought forward from previous page  |
|      |                       |                              | THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. DATA COORESPONDENCE TEST PERFORMED. THE ALTIMETER WAS TESTED TO <u>20,000</u> FEET.<br>ALT.#1 SN <u>B-5897</u> ALT.#2/BLIND ENC. SN <u>46714</u><br>THIS A.T.C. TRANSPONDER HAS BEEN INSPECTED AND TESTED IAW FAR 91.413.<br>#1 MAKE <u>G.A.R.M.I.W</u> MODEL <u>GTX327</u> SN <u>837714990</u><br>#2 MAKE <u>—</u> MODEL <u>—</u> SN <u>—</u><br>WO# <u>3787</u> DATE <u>4-27-10</u><br><br>BY: <u>[Signature]</u><br>FOR CARIS-MIDWEST AVIATION, LLC CRS XM5R897H |

**N56694 SCALE CORRECTIONS**

| ALT. READS | ADD ALGEBRAICALLY |             |
|------------|-------------------|-------------|
|            | ROOM TEMP °C      | LOW TEMP °C |
| -1000      | -10               |             |
| 0          | 0                 |             |
| 500        | +10               |             |
| 1000       | 0                 |             |
| 1500       | +10               |             |
| 2000       | +10               |             |
| 3000       | +10               |             |
| 4000       | +10               |             |
| 6000       | +20               |             |
| 8000       | +50               |             |
| 10000      | +80               |             |
| 12000      | +90               |             |
| 14000      | +100              |             |
| 16000      | +100              |             |
| 18000      | +100              |             |
| 20000      | +10               |             |
| 22000      | X                 |             |

DATE 4-27-10 TESTED BY: [Signature]

**ALTIMETER SER. NO. B-5897**

| ALT. READS | ADD ALGEBRAICALLY |             |
|------------|-------------------|-------------|
|            | ROOM TEMP °C      | LOW TEMP °C |
| 25000      |                   |             |
| 30000      |                   |             |
| 35000      |                   |             |
| 40000      |                   |             |
| 45000      |                   |             |
| 50000      |                   |             |

INSPECTED BY: [Signature]

Accel Aviation  
 1705 Minnesota Rd.  
 Iola, KS 66744  
 620-365-3100

**AIRCRAFT LOG ENTRY**  
 N56694  
 Piper-PA-28-140  
 S/N 28-745020

Michelle Arnold  
 AP# 3350131

WO# \_\_\_\_\_

Date: 06/14/10 Tach: 3735 Next Due: 3835

**Work Performed: 100-hr Inspection**

Open aircraft for 100-hour inspection. Check brakes. Remove main and nose wheel fairings; check and inflate tires to spec; inspect and pack wheel bearings with grease. Inspect all cables, controls, pulleys, bell cranks, and pushrods for security of installation and operations; lube pulleys, bell cranks, hinges, and pins. Check battery levels. ELT; C/W 91.207 (D) test and inspection, new battery due 7/2011.

**AD's:**  
 AD 76-07-12 R1 C/W and next due at 3835

I certify this aircraft has been inspected IAW the requirements of a 100-hr Inspection as set forth in A/W FAR Part 43 Subpart D and has been deemed to be in an Airworthy condition.

[Signature: Michelle Arnold]  
 Michelle Arnold  
 AP# 3350131

| DATE  | TOTAL TIME IN SERVICE  | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
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| <b>TOTAL</b> brought forward from previous page   |  |                              |   |
| Accel Aviation<br>1705 Minnesota Rd.<br>Iola, KS 66744<br>620-365-3100  | <b>AIRCRAFT LOG ENTRY</b><br><b>N56694</b><br><b>Piper-PA-28-140</b><br><b>S/N 28-745020</b> |                              | Michelle Arnold<br>AP# 3350131<br><br>WO# 012010003                                     |
| Date: <u>08/16/10</u>   | Tach: <u>3834</u>  | Next Due: <u>3934</u>        |   |
| <p><b>Work Performed: 100-hr Inspection</b><br/>                     Open aircraft for 100-hour inspection. Check brakes. Remove main and nose wheel fairings; check and inflate tires to spec; inspect and pack wheel bearings with grease. Inspect all cables, controls, pulleys, bell cranks, and pushrods for security of installation and operations; lube pulleys, bell cranks, hinges, and pins. Check battery levels. ELT; C/W 91.207 (D) test and inspection, new battery due 7/2011. Complied with AD 76-07-12 per paragraph 1.</p> <p><u><b>AD's:</b></u><br/>                     AD 76-07-12 C/W and next due at 3934.</p> <p>I certify this aircraft has been inspected IAW the requirements of a 100-hr Inspection as set forth in A/W FAR Part 43 Subpart D and has been deemed to be in an Airworthy condition.</p> <p><u><i>Michelle Arnold</i></u><br/>                     Michelle Arnold<br/>                     AP# 3350131</p> |  |                              |   |
| <p>N56694, PA 28-140, Serial Number 28-745020<br/>                     Date: 02/26/2011, Tach Time: 3876.6, Total Time: 6179.5<br/>                     Complied with AD 2010-15-10 per Piper aircraft SB1197B, no defects found. Inspected Aircraft in accordance with a Annual inspection per Piper Service manual and 43 appendix D. I certify that this aircraft has been inspected in accordance with a Annual inspection and was found airworthy.<br/>                     Charles R DeLong <u><i>Charles R DeLong</i></u> IA 2734865.</p>  |  |                              |   |
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*PROP*

*Airframe*

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**DOMINION AVIATION**

Date: 5/23/2011; Aircraft: 56694; Type: PA28-140; S/N: 28-7425020; Tach: 3876.60; Total Time: 2302.90; Engine - Type: Lycoming O-320-E3D, S/N: L-33389-27A, Time: 6179.50; Prop - Type: Sensenich 74DM6-0-56, S/N: A53186, Time: 779.60

**\*\*AIRFRAME\*\***

Visually inspected Garmin 530 unit. Entered config pages and verified config was correct. Could not duplicate problem.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number 22419

Signed [Signature]

Dominion Aviation CRS ODAR018H  
7511 Airfield Drive  
Richmond, Virginia 23237  
(804) 271-7793

WORK PERFORMED—  
NO. OF PERSON PERFORMING WORK



**DOMINION AVIATION**

Date: 6/08/2011; Aircraft: 56694; Type: PA28-140; S/N: 28-7425020; Hobbs: 1756.60; Tach: 3916.40; Total Time: 6219.30; Engine - Type: Lycoming O-320-E3D, S/N: L-33389-27A; Prop - Type: Sensenich 74DM6-0-56, S/N: A53186

**\*\*\*Airframe\*\*\***

-Verified inoperative Landing Light. Replaced Landing Light per Piper Service Manual p/n 761-539, Section XI, part 11-89,11-90. Lamp p/n GE-4509, per Piper Warrior Parts Catalog 761-538, Figure 64, item 20. Operational check satisfactory.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number 22494

Signed [Signature]

Dominion Aviation CRS ODAR018H  
7511 Airfield Drive  
Richmond, Virginia 23237  
(804) 271-7793

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TOTAL

TACH OR

DESCRIPTION OF WORK PERFORMED—

NO. OF PERSON PERFORMING WORK



**DOMINION AVIATION**

Date: 6/14/2011; Aircraft: 627BC; Type: CITATION BRAVO; S/N: 550B-0866; Hobbs: 5893.3; Total Time: 5893.3; Engine 1 Type: PW530A, S/N: DA0146; Turbine 1; Engine 2, Type: PW530A, S/N: DA0145; Turbine 2

**\*\*AIRFRAME\*\***

Swapped the L/H and R/H audio panels. P/N 5636-1 S/N now on R/H 344, S/N now on L/H 347. There was no change in volume. Swapped the #1 and #2 radios. P/N 064-1054-50, S/N now in #1 21606, S/N now in #2 21994. Both sides ops checked good after swap. Left both audio panels and radio swapped.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number 22524

Signed [Signature]

Dominion Aviation CRS ODAR018H  
7511 Airfield Drive  
Richmond, Virginia 23237  
(804) 271-7793



**DOMINION AVIATION**

Date: 6/02/2011; Aircraft: 56694; Type: PA28-140; S/N: 28-7425020; Hobbs: 1754.80; Tach: 3914.60; Total Time: 6217.50; Engine - Type: Lycoming O-320-E3D, S/N: L-33389-27A, Time: 6179.50; Prop - Type: Sensenich 74DM6-0-56, S/N: A53186, Time: 779.60

**\*\*AIRFRAME\*\***


-Removed and rebuilt left brake master cylinder with new o-rings p/n: MS28775-106, MS28775-110 and MS2875-113. Reinstalled left brake master cylinder and bled left brakes as required. Ops checked left brake. Ops check good. Serviced brake reservoir as required with MIL-H-5606. Ref. Piper PA28-140 MM Section 7-47 thru 7-54.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

Work Order number 22471

Signed [Signature]

Dominion Aviation CRS ODAR018H  
7511 Airfield Drive  
Richmond, Virginia 23237  
(804) 271-7793

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|      |                       |                              | <div style="text-align: center;">  <p><b>DOMINION AVIATION</b></p> </div> <p>Date: 8/03/2011; Aircraft: 56694; Type: PA28-140; S/N: 28-7425020; Hobbs: 1793.60; Tach: 3947.68; Total Time: 6250.58; Engine - Type: Lycoming O-320-E3D, S/N: L-33389-27A; Prop - Type: Sensenich 74DM6-0-56, S/N: A53186</p> <p><b>**AIRFRAME**</b></p> <p>-Removed Garrett ELT P/N 627674-1 S/N 25C5495 on August 3, 2011 due to a pre existing operational failure discovered during inspection. A placard on the instrument panel was installed that reads "ELT not installed" "Must be reinstalled by 11/1/11" in reference to Federal Aviation Regulations for Aviation Maintenance Technicians Chapter 91.207. The ELT was sent out for repair and will be reinstalled following repair.</p> <p>-Replaced ELT Battery (P/N BP-1035) in reference to MERL, INC.</p> <p>-Complied with the oil and filter change. Serviced with 8 quarts of Exxon Elite SAE 20w 50. Installed new oil filter p/n CH48110-0. Cut open the old filter and found no defects. Ran the engine and no leaks detected.</p> <p>The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under</p> <p>Work Order number <u>22716</u></p> <p>Signed <u>[Signature]</u></p> <p>Dominion Aviation CRS ODAR018H<br/>7511 Airfield Drive<br/>Richmond, Virginia 23237<br/>(804) 271-7793</p> |
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|      |                       |                              | <div data-bbox="730 273 893 420"> </div> <p data-bbox="860 357 1234 388"><b>DOMINION AVIATION</b></p> <p data-bbox="722 430 1388 535">Date: 9/01/2011; Aircraft: 56694; Type: PA28-140; S/N: 28-7425020; Hobbs: 1793.60; Tach: 3947.68; Total Time: 6250.58; Engine - Type: Lycoming O-320-E3D, S/N: L-33389-27A; Prop - Type: Sensenich 74DM6-0-56, S/N: A53186</p> <p data-bbox="722 556 844 577"><b>**Airframe**</b></p> <p data-bbox="722 598 1209 756">Inspected the ELT as per FAR 91.207(d).<br/>MAKE :Garrett<br/>MODEL :RESCU/88<br/>SERIAL :24C446<br/>THE BATTERY EXPIRES :OCT 2013<br/>Installed ELT into aircraft. Removed ELT placards.</p> <p data-bbox="722 766 1437 871">Installed upper and lower carb heat shrouds. Drilled holes for mounting new shrouds, p/n A63723-002 s/n 17951 and A63723-003 s/n 17945.. Installed shrouds into aircraft. Reconnected duct from carb. Reference Piper Cherokee Maintenance Manual.</p> <p data-bbox="722 892 1445 1165">Complied with SB 475. Inspected panel lighting, noted all panel lights inop. Inspected wiring to dimmer switch, noted two wires disconnected. Removed and inspected potentiometer, noted burnt connection. Inspected wiring for panel and navigation lights, noted 7 burnt wire connections. Complied with SB 475 by removing 2 resistors and installing shunt wires. Replaced 2 wires to transistor. Replaced wire between switch, pin 6 to transistor, pin 5 to shunt wires. Repaired 3 pin connectors at molex socket. Installed new potentiometer, p/n 587-779. Checked lights, noted glide slope indicators, compass and navigation lights functioned normally. Reference Piper PA-28-140 maintenance manual and SB 475, Instrument Panel Dimmer Control Assembly Modification.</p> <p data-bbox="722 1186 1388 1291">The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under</p> <p data-bbox="722 1302 1104 1333">Work Order number <u>22808</u></p> <p data-bbox="722 1354 1096 1407">Signed <u>[Signature]</u></p> <p data-bbox="722 1407 1063 1501">Dominion Aviation CRS ODAR018H<br/>7511 Airfield Drive<br/>Richmond, Virginia 23237<br/>(804) 271-7793</p> |
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| 1/16/12                                  | 4009.32 Tach<br>1824.3 Hubs | 6312.22 TTAF                 | Replaced Both main tires w/600x6<br>Condor tires.<br>M Keyes, owner, Private pilot   |
| 24 Jun 2012                              | 1864.5                      |                              | ANNUAL INSPECTION<br><del>Area</del>   |
|  |                             |                              | I CERTIFY THIS AIRCRAFT WAS<br>BEEN INSPECTED IN ACCORDANCE WITH<br>AN ANNUAL INSPECTION AND WAS<br>DETERMINED TO BE IN AN AIRWORTHY<br>CONDITION. |
|  |                             |                              | Fred Jeff<br>ATP 562541366 IA<br>24 Jun 2012<br>N56694   |
| TEST FLIGHT<br>24 Jun 2012               |                             |                              |  |

This Transponder

#1 Make Garmin Model GTX327 S/N 83714990  
 #2 Make \_\_\_\_\_ Model \_\_\_\_\_ S/N \_\_\_\_\_

Has been tested and inspected and found to comply with  
 Appendix F of Part 43 in accordance with FAR 91.413.

Work Order # 7801 Date 4/27/2012  
 Signed [Signature]

Precision Aerospace Technologies, Inc.  
 305 Runway Road  
 Batesville, AR 72501 CRS # P90R564Y Form 20

| DATE  | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
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**Date** 9/28/2012 **N Number** N56694 **Total Time** **Tach Time** 4060.4 **Hobbs** **Annual Due** 01/31/13

C/W F.A.R. 91.207D BY INSPECTION AND OPERATIONAL CHECK OF GARRETT RESCUE 88 E.L.T., RECURRING BY 9/2013. E.L.T. BATTERY EXPIRATION DATE IS 10/2013.

*George Johnson AP431136491*

**Date** 1/17/2013 **N Number** N56694 **Total Time** 6371.5 **Tach Time** 4068.6 **Hobbs** N/A **Annual Due** 01/31/14

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH COMPANY CHECKLIST. LUBRICATED AND INSPECTED AIRFRAME. SERVICED ALL TIRES AND STRUTS TO CORRECT PRESSURES WITH NITROGEN. SERVICED AND CHARGED AIRCRAFT BATTERY TO CORRECT ELECTROLYTE LEVELS. REPAIRED WIRING ON TAIL NAV. LIGHT. CHECKED FOR A.D. COMPLIANCE, C/W A.D. # 76-07-12 BY OPERATIONAL CHECK OF BENDIX IGNITION SWITCH PER A.D., RECURRING AT 4168.6 TACH. C/W A.D. # 95-26-13 BY INSPECTION OF FRONT MOUNTED OIL COOLER HOSE ASSY'S., FOUND HOSE ASSY'S TSO C53A TYPE D HOSES AND RECURRING INSPECTIONS NOT REQUIRED, RECOMMENDED INSPECTION RECURRING 1/2014 OR 4168.6 TACH. NOTE: A.D. # 04-10-14C1 P/C/W BY CRANKSHAFT GEAR MODIFICATION AND RETAINING BOLT PER A.D. DURING LAST OVERHAUL, RECURRING AT NEXT ENGINE TEAR DOWN OR PROPELLER STRIKE. NO OTHER NEW OR RECURRING A.D.'S DUE AT THIS TIME.

NOTE: BOTH RIGHT AND LEFT FRONT PILOTS WINDSHIELDS HAVE NUMEROUS CRACKS ALONG BOTTOM EDGES AND IN AN **UNAIRWORTHY** CONDITION FOR RETURN TO SERVICE, NOTIFIED AND PROVIDED THIS DISCREPANCY IN WRITING/WORK ORDER TO OWNER/OPERATOR ON THIS DATE.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN **UNAIRWORTHY** CONDITION FOR RETURN TO SERVICE ON THIS DATE DUE TO THE ABOVE MENTIONED DISCREPANCY ONLY.

*George Johnson AP431136491 IA*

**Date:** 2/12/2013 **N Number:** N56694 **Tach time:** 4068.6 **Hobbs:** **Total time:** 176.1 **Annual due:** 1/31/2014  
Installed windshields on both Left and Right sides, P/N: LP-409CL and P/N: LP-491CL, leak checked ok.  
This aircraft is determined to be airworthy for return to service.

Signature: *Justin Bell AP3210889 IA* Sharp Aviation, Inc. Phone: 870-935-7447  
Jonesboro AR (JBR) Fax: 870-935-0687

**Date** 2/17/2014 **N Number** N56694 **Total Time** 6383.5 **Tach Time** 4080.6 **Hobbs** N/A **Annual Due** 02/17/15

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH COMPANY CHECKLIST. LUBRICATED AND INSPECTED AIRFRAME. CHECKED ALL PULLEYS, CABLES, AND CONTROL SURFACES. SERVICED ALL TIRES AND STRUTS TO CORRECT PRESSURES WITH NITROGEN. INSPECTED WHEELS, BRAKES AND PACKED WHEEL BEARINGS. SERVICED, CHARGED, AND INSTALLED NEW GILL G-35 AIRCRAFT BATTERY. INSTALLED NEW TAIL NAV. LIGHT P/N GE-1777. OPERATIONAL CHECK OF E.L.T. PERFORMED SATISFACTORY I/A/W FAR.91.207D, RECURRING 2-2015. INSTALLED NEW E.L.T. BATTERY BATTERY EXPIRATION DATE MAY 2016. CHECKED FOR A.D. COMPLIANCE, C/W A.D. # 76-07-12 BY OPERATIONAL CHECK OF BENDIX IGNITION SWITCH PER A.D., RECURRING AT 4180.6 TACH. C/W A.D. # 95-26-13 BY INSPECTION OF FRONT MOUNTED OIL COOLER HOSE ASSY'S., FOUND HOSE ASSY'S TSO C53A TYPE D HOSES AND RECURRING INSPECTIONS NOT REQUIRED, RECOMMENDED INSPECTION RECURRING 2/2015 OR 4180.6 TACH. NOTE: A.D. # 04-10-14C1 P/C/W BY CRANKSHAFT GEAR MODIFICATION AND RETAINING BOLT PER A.D. DURING LAST OVERHAUL, RECURRING AT NEXT ENGINE TEAR DOWN OR PROPELLER STRIKE. C/W A.D.# 13-02-13 BY INSPECTION OF CONTROL CABLES AND TURNBUCKLES PER A.D. RECURRING AT 8383.5 OR 2/2015. NO OTHER NEW OR RECURRING A.D.'S DUE AT THIS TIME.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN **AIRWORTHY** CONDITION FOR RETURN TO SERVICE ON THIS DATE DUE TO THE ABOVE MENTIONED DISCREPANCY ONLY.

*Justin Bell ATP #3418801 I.A.*

**TOTAL**—Carry forward to next page

Date 12/1/2014 N Number N56694 Total Time Tach Time 4127.80 Hobbs Annual Due

INSTALLED NEW AIRHAWK 6.00-6 6PLY TIRE ON THE RIGHT MAIN LANDING GEAR. LEAK CHECK SATISFACTORY.

A. O. C. A. ALP... (handwritten notes)

| DATE  | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
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Date 2/20/2015 **N** Number N56694 Total Time 6433.4 Tach Time 4130.5 Hobbs N/A Annual Due 02/20/16

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH COMPANY CHECKLIST. LUBRICATED AND INSPECTED AIRFRAME. CHECKED ALL PULLEYS, CABLES, AND CONTROL SURFACES. SERVICED ALL TIRES AND STRUTS TO CORRECT PRESSURES WITH NITROGEN. INSPECTED WHEELS, BRAKES AND PACKED WHEEL BEARINGS. SERVICED AND CHARGED AIRCRAFT BATTERY. REMOVED E.L.T. FOR REPAIR. CHECKED FOR A.D. COMPLIANCE, C/W A.D. # 76-07-12 BY OPERATIONAL CHECK OF BENDIX IGNITION SWITCH PER A.D., RECURRING AT 4230.5 TACH. C/W A.D. # 95-26-13 BY INSPECTION OF FRONT MOUNTED OIL COOLER HOSE ASSY'S., FOUND HOSE ASSY'S TSO C53A TYPE D HOSES AND RECURRING INSPECTIONS NOT REQUIRED, RECOMMENDED INSPECTION RECURRING 2/2016 OR 4230.5 TACH. NOTE: A.D. # 04-10-14C1 P/C/W BY CRANKSHAFT GEAR MODIFICATION AND RETAINING BOLT PER A.D. DURING LAST OVERHAUL, RECURRING AT NEXT ENGINE TEAR DOWN OR PROPELLER STRIKE. C/W A.D.# 13-02-13 BY INSPECTION OF CONTROL CABLES AND TURNBUCKLES PER A.D. RECURRING AT 8383.5 OR 2/2021. NO OTHER NEW OR RECURRING A.D.'S DUE AT THIS TIME.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN **AIRWORTHY** CONDITION FOR RETURN TO SERVICE ON THIS DATE DUE TO THE ABOVE MENTIONED DISCREPANCY ONLY.

*Dusti Cluck* APP # 3418801 IA.

**SEMO Aviation Services, LLC**

Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385

**Airframe**  
**Piper PA 28-140**  
**Tach: 4159.3**  
**Total time: 6462.2**

**N56694**  
**S/N: 28-7425020**  
**Date: 12/15/2015**

Hoisted aircraft. Checked brakes and serviced hydraulic brake system. Checked all control surfaces for full travel, security, and lubricated. Checked all control cables, pulleys, bellcranks, etc. and lubricated. ELT check conducted I/A/W FAR 91.207 (d) (1-4) and A8310.1. ELT found to be inoperative, removed ELT and placarded the aircraft as required 90 days allowed. Charged battery and checked all electrical systems. Checked fuel system and fuel selector operation. Installed new induction filter (1) p/n BA-3. Installed new Garter filter p/n: ARB3-5-1. Installed new gyro filter p/n: AAD-9-18-1. C/W A.D. 76-07-12, Bendix ignition switches, by operation. Next due 4259.3. Replaced all main and nose wheel bearings and races with new 6ea. 13888-20629 and 6 ea. 13836-20629 and serviced with grease. All A.D.'s included in inspection report. Other inspections done in accordance with Piper 28-140 inspection report and FAR 43 Appendix D. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

*[Signature]*  
 Dustin Ramsey A&P 3329376 IA

**SEMO Aviation Services, LLC**

Poplar Bluff Municipal Airport, Poplar Bluff, MO 63901 (573) 714-6385

**Airframe**  
**Piper PA 28-140**  
**Tach: 4175.7**  
**Total time: 6474.6**

**N56694**  
**S/N: 28-7425020**  
**Date: 02/2/2016**

Removed ELT model Garrett Rescue 88 s/n: 24C-446. Installed overhauled Garrett Rescue 88 s/n: 93C-3491. Operational check completed, tested ok.

This aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.

*[Signature]*  
 Dustin Ramsey A&P 3329376 IA

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