

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

**AIRFRAME  
MAINTENANCE  
RECORDS**



# AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N7582V

AIRCRAFT CESSNA 177RG 177RG0873  
 ENGINE LYCOMING IO-360-A1B6D L-22309-51A  
 Aircraft Mfg. Model Serial No.

Engine Mfg. Model Serial No.

Engine Mfg. Model Serial No.

Propeller Mfg. McCawley BZD34C207 842470  
 Model Serial No.

Hub Design No. Hub Serial No.

Blade Design No. 78T CAD 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.**  
 PO BOX 1359 / SOUTHOLD, NY 11971-0965  
 (516) 765-9375  
 1-800-235-6444  
 FAX: (516) 765-9359



| DATE     | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|----------|-----------------------|------------------------------|-----------------------------------------------------------------------------------------|
|          |                       |                              | TOTAL brought forward from previous page                                                |
| 04-16-99 | 1996.2                | 1946.2                       | REPLACED-LEFT COWL FLAP CONTROL, PROPELLER                                              |
|          |                       |                              | CONTROL, VACUUM REGULATOR FILTER, NOSE                                                  |
|          |                       |                              | GEAR ACTUATOR HOSES, NOSE GEAR AFT DOOR                                                 |
|          |                       |                              | HINGES, LEFT BRAKE PADS, AND INDUCTION                                                  |
|          |                       |                              | AIR FILTER WITH NEW. RE CONNECTED BROKEN                                                |
|          |                       |                              | WIRE AT GEAR WARNING THROTTLE SWITCH.                                                   |
|          |                       |                              | INSTALLED A HYDRAULIC PUMP MOTOR 'ON'                                                   |
|          |                       |                              | INDICATOR LIGHT IN LEFT SIDE OF INSTRUMENT                                              |
|          |                       |                              | PANEL. CIRCUIT IS PROTECTED BY A 1 AMP                                                  |
|          |                       |                              | IN LINE FUSE AT THE MOTOR. AD 74-20-10-R3                                               |
|          |                       |                              | SHARC ECT IS NOT APPLICABLE BY PART, AD                                                 |
|          |                       |                              | 76-7-12-BENDIX SWITCH IS NOT APPLICABLE NOT                                             |
|          |                       |                              | INSTALLED, AD 76-16-2 VACUUM PUMP IS NOT                                                |
|          |                       |                              | APPLICABLE BY PART, AD 79-13-8 VACUUM PUMP                                              |
|          |                       |                              | IS NOT APPLICABLE BY PART, AD 79-18-5-R1                                                |
|          |                       |                              | LITHIUM BATTERY IS NOT APPLICABLE TYPE                                                  |
|          |                       |                              | NOT INSTALLED. AD 80-25-7-R1 OIL COOLER                                                 |
|          |                       |                              | IS NOT APPLICABLE BY MODEL. AD 81-15-3                                                  |
|          |                       |                              | AIR FILTER IS NOT APPLICABLE TYPE NOT                                                   |
|          |                       |                              | INSTALLED. AD 86-1-6 VACUUM PUMP IS NOT                                                 |
|          |                       |                              | APPLICABLE BY PART INSTALLED. AD 86-5-2                                                 |
|          |                       |                              | ALTIMETER IS NOT APPLICABLE BY MODEL.                                                   |
|          |                       |                              | AD 87-17-6 SEAT BELTS IS NOT APPLICABLE BY                                              |
|          |                       |                              | PART, AD 96-9-6 AIR FILTER IS NOT APPLICABLE                                            |
|          |                       |                              | BY TYPE INSTALLED, %w AD 97-1-13 FLUID HOSE                                             |
|          |                       |                              | BY INSPECTION NONE FOUND. %w AD 98-23-1                                                 |
|          |                       |                              | VACUUM PUMP BY REVIEW OF RECORDS AND                                                    |
|          |                       |                              | SUB-TOTAL this page                                                                     |
|          |                       |                              | TOTAL—Carry forward to next page                                                        |

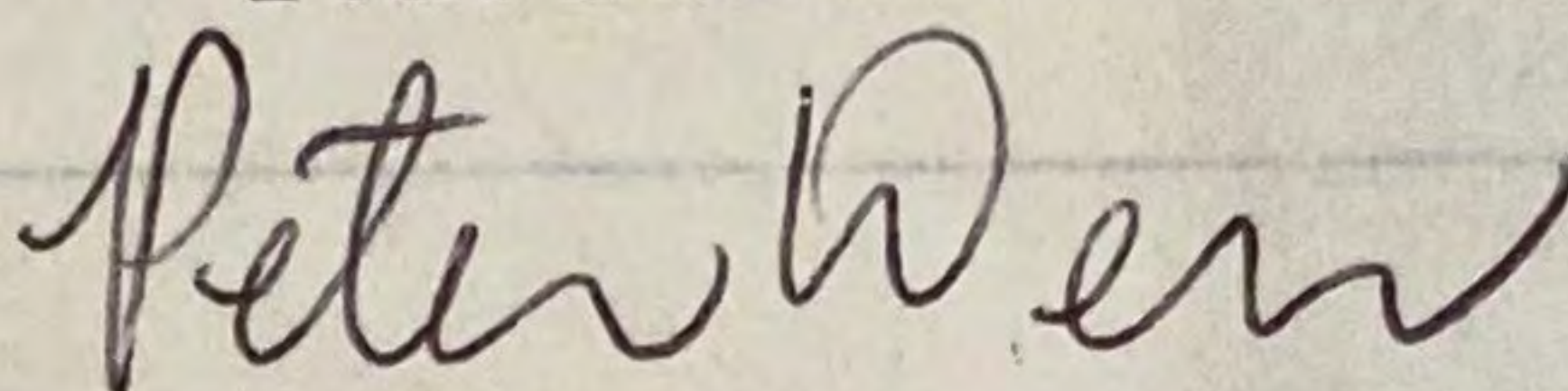
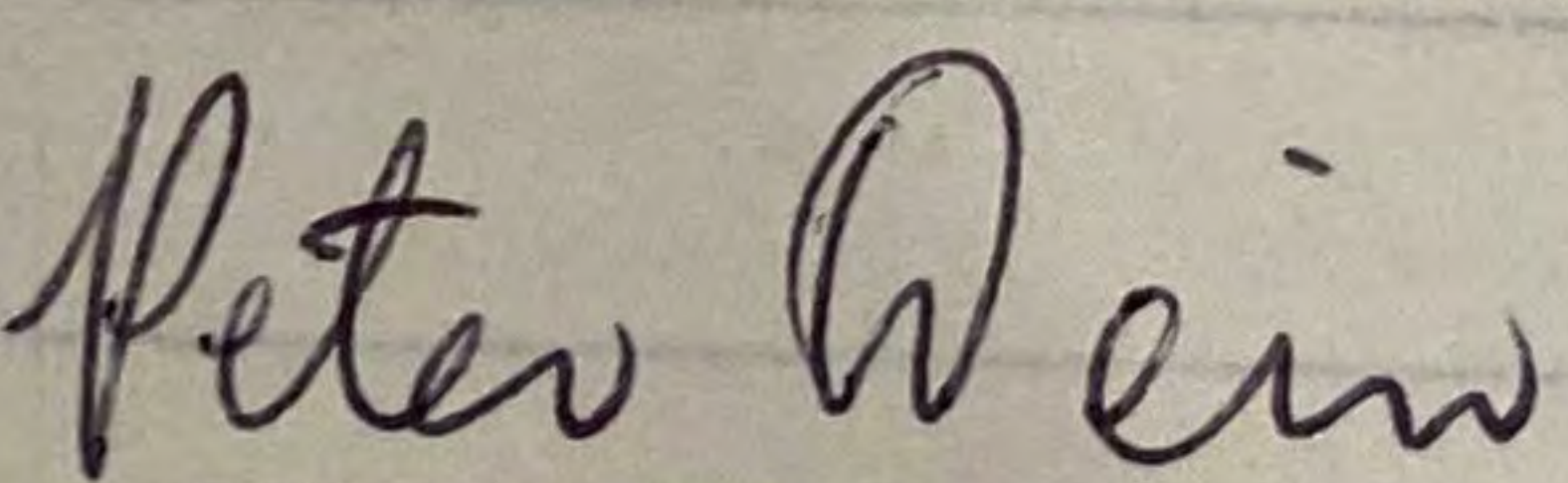
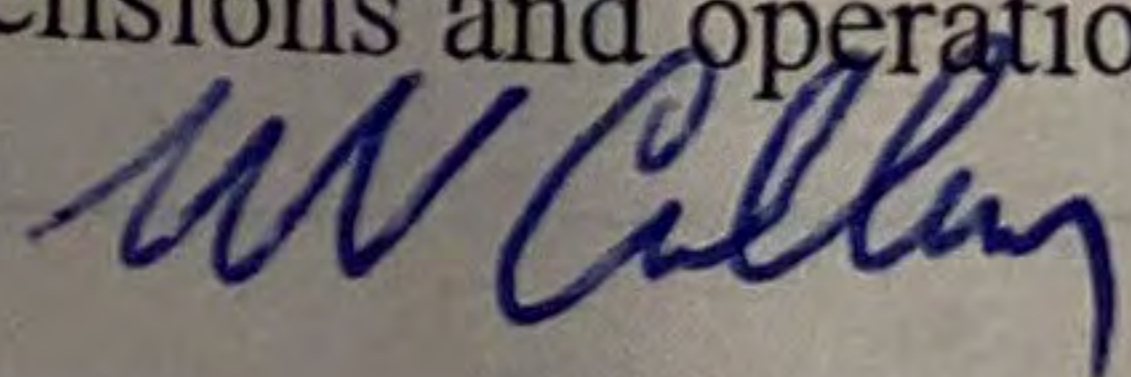


| DATE                        | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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|                             |                       |                              | <b>TOTAL</b> brought forward from previous page <b>FOUND NOT APPLICABLE BY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Work Order No. <u>14067</u> |                       |                              | DATE. <u>9w AD 84-26-2</u> <u>PAPER AND FILTER</u><br>BY <u>REPLACEMENT WITH NEW NEXT DUE</u><br>AT <u>2446.2</u> , <u>9w AD 87-20-03-R2</u> <u>SOAT</u><br>TRACK BY INSPECTION AND FOUND SATISFACTORY<br>NEXT DUE @ <u>04/2000</u> , <u>GREASED WHEEL BEARINGS</u> ,<br><u>SERVICED, GEAR CHECK, ECT CHECKED IAW</u><br><u>FAR 91.207(d)</u> . I certify that this <u>AIRCRAFT</u> has been inspected<br>in accordance with a <u>ANNUAL</u> inspection and was<br>determined to be in airworthy condition.<br>Date <u>04-16-99</u> Tach Reads <u>1946.2</u> Total Hrs <u>1946.2</u><br>Mech. <u>Chris Mee</u> Lic. <u>56480917 IA</u>                                                                                                                                                                                                                                       |
|                             |                       |                              | SYREK-MEE AVIATION, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <u>04-27-2000</u>           | <u>1984.1</u>         | <u>1984.1</u>                | <u>REPLACED - LEFT TIRE, NOSE TIRE, RIGHT WING</u><br><u>FUEL DRAIN, AIRCRAFT BATTERY, #3 GEM CHT PROBE,</u><br><u>AND ECT BATTERY WITH NEW. NEW DUE DATE</u><br><u>05/2002. ECT CHECKED IAW FAR 91.207(d).</u><br><u>9w AD 99-24-10 PRECISE FLIGHT SVS III by PAR</u><br><u>@ 1, 6, and C AND FOUND SATISFACTORY NEXT</u><br><u>DUE AT 04/2001, 9w AD 87-20-3-R2 SOAT</u><br><u>RAILS by INSPECTION AND FOUND SATISFACTORY</u><br><u>NEXT DUE @ 04/2001, GREASED WHEEL BEARINGS</u><br><u>SERVICED AIRCRAFT. OPERATIONALLY CHECKED GEAR,</u><br><br>Work Order<br>No. <u>14717</u> I certify that this <u>AIRCRAFT</u> has been inspected<br>in accordance with a <u>ANNUAL</u> inspection and was<br>determined to be in airworthy condition.<br>Date <u>04-27-2000</u> Tach Reads <u>1984.1</u> Total Hrs <u>1984.1</u><br>Mech. <u>Chris Mee</u> Lic. <u>56480917 IA</u> |
|                             |                       |                              | SYREK-MEE AVIATION, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <u>9-29-00</u>              |                       | <u>1997.6</u>                | <u>ADJUSTED GEAR WARNING HORN TO SPEC. OPS CHECK</u><br><u>OR. Cunningham's AP142983160 w/o # 14959</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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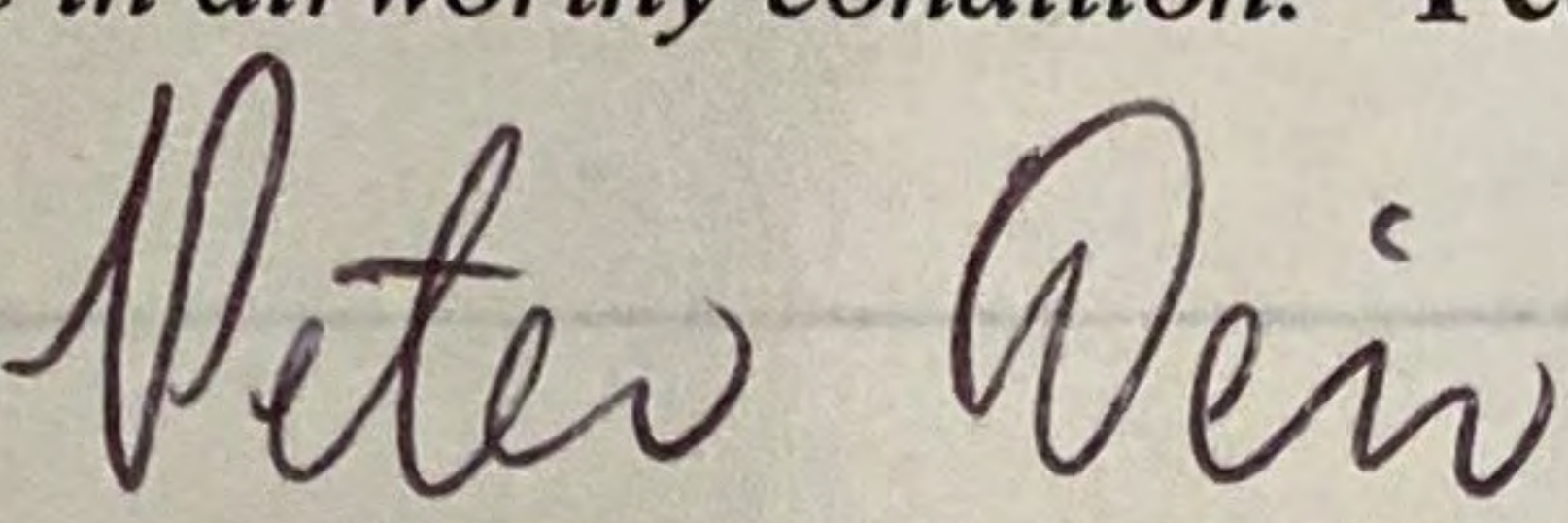


| DATE       | TIME IN SERVICE | RECORDING METER TIME | DESCRIPTION OF WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
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| 05/01/2001 | 2013.5          | 2013.5               | <div data-bbox="711 187 1800 908" data-label="Text"> <p align="center"><b>AIRFRAME LOG</b><br/> <b>May 1, 2001 N7582V Total Time 2013.5 Tach Time 2013.5</b><br/> <i>WORK ORDER # 15194</i><br/> Annual inspection completed. All systems checked for proper operation and lubed per schedule. Cleaned and repacked wheel bearings. ELT checked per FAR 91.207(d). Cycled landing gear through five fault free cycles and one emergency extension. Replaced high voltage lamp with new. Inspected SVS III per AD99-24-10 b(1) and deactivated engine driven pump for test flight. Next inspection due at 05/2002. Complied with AD87-20-3r2 by inspection. Next inspection due at 05/2002. Replaced both landing lights with new. Complied with AD2000-06-01 N/A standpipe not replaced. Replaced transistor on panel light dimmer with new. Replaced fuel strainer shaft with new P/N MC0756011-1. Cleaned and adjusted main landing gear to spec. Replaced intake air filter and vacuum regulator filter with new elements. <i>I certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.</i><br/> <b>Peter Dein 152 74 3618 IA.</b><br/> <br/> <b>SYREK-MEE AVIATION, INC.</b><br/> <b>1 AIRPORT ROAD</b><br/> <b>MORRISTOWN NJ 07960</b><br/> <b>973-539-0110</b></p> </div>            |                                                       |
| 06/05/2002 | 2046.5          | 2046.5               | <div data-bbox="711 1254 1821 1975" data-label="Text"> <p align="center"><b>AIRFRAME LOG</b><br/> <b>June 5, 2002 N7582V Total Time 2046.5 Tach Time 2046.5</b><br/> <i>WORK ORDER # 15718</i><br/> Annual inspection completed. All systems checked for proper operation and lubed per schedule. Cleaned and repacked wheel bearings. ELT checked per FAR 91.207(d). Cycled landing gear through five fault free cycles and one emergency extension. Complied with AD99-24-10 SVS III by converting to SVS V system, see 337 form this date. Complied with AD87-20-3r2 Seats and Rails by inspection, next due at 2146.5. Replaced ELT with new AK-450. Replaced fuel tank placards with new. Replaced intake filter with a Brackett air filter assembly, see 337 form this date. Replaced right main tire, brake disk, and brake pads with new. Replaced throttle switch with new, and adjusted to spec. Replaced pilot's door handle with new. Replaced intake air filter and vacuum regulator filter with new elements. <i>I certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.</i><br/> <b>Peter Dein 152 74 3618 IA.</b><br/> <br/> <b>SYREK-MEE AVIATION, INC.</b><br/> <b>50 AIRPORT ROAD, SUITE 100</b><br/> <b>MORRISTOWN NJ 07960</b><br/> <b>973-539-0110</b></p> </div> |                                                       |
|            |                 |                      | <div data-bbox="722 2292 1843 2783" data-label="Text"> <p align="center"><b>AIRFRAME LOG</b><br/> <b>February 6, 2003 N7582V Tach Time 2056.2</b><br/> <i>WORK ORDER # 15861</i><br/> Removed and reinstalled right wing flap after repair by Williams Airmotive Wo#7004. Checked travels, tensions and operation.<br/> <b>WILLARD CULLUM AP 157706834</b> <br/> <b>SYREK-MEE AVIATION, INC.</b><br/> <b>50 AIRPORT ROAD, MORRISTOWN NJ 07960</b><br/> <b>973-539-0110</b></p> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |
|            |                 |                      | SUB-TOTAL this page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |
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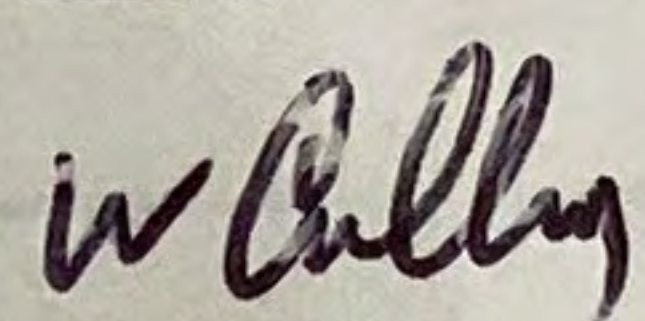


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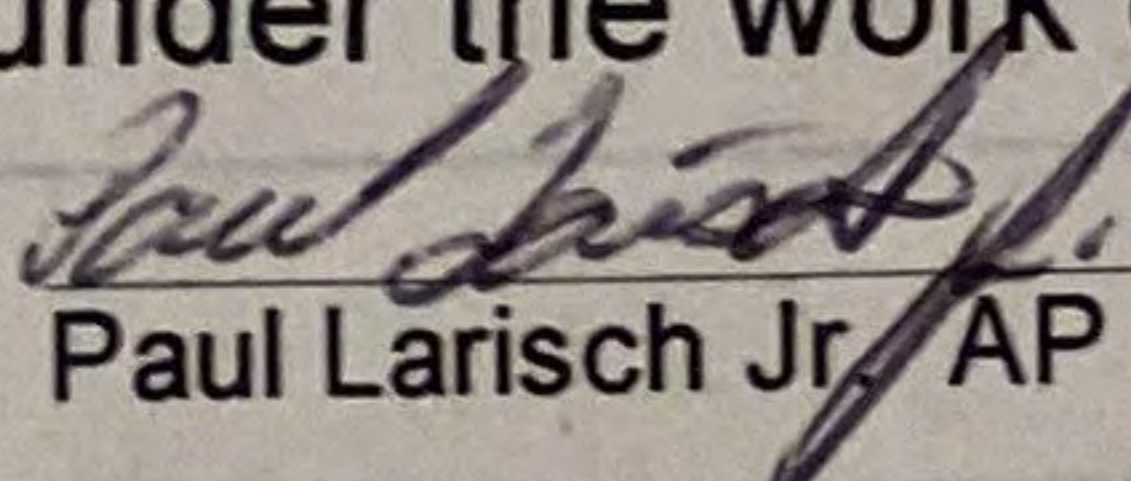
2056.6 2056.6

AIRFRAME LOG  
June 20, 2003 N7582V Total Time 2056.6 Tach Time 2056.6  
WORK ORDER # 16175  
Annual inspection completed. All systems checked for proper operation and lubed per schedule. Cleaned and repacked wheel bearings. ELT checked per FAR 91.207(d). Cycled landing gear through five fault free cycles and one emergency extension. Complied with AD87-20-3r2 Seats and Rails by inspection, next due at 06/2004. Complied with SVS 3.3.1 system inspection. Replaced forward left nose gear door hinge bracket with new. Removed and replaced right muffler for Aerospace Welding, Inc. overhaul, see wo#65249 dated 06/12/03. Replaced ELT batteries with new, next replacement due 03-2009. Replaced intake air filter and vacuum regulator filter with new elements. *I certify that this aircraft has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.* Peter Dein 152 74 3618 IA.  
  
SYREK-MEE AVIATION, INC.  
50 AIRPORT ROAD, SUITE 100  
MORRISTOWN NJ 07960  
973-539-0110

2058.2 2058.2

AIRFRAME LOG  
N7582V C-177RG S/N 177RG-0873  
MARCH 1, 2004 WO#040301-31 TACH: 2058.2  
SERVICED NOSE STRUT WITH NITROGEN.  
WILLARD CULLUM A&P 157706834   
SYREK-MEE AVIATION, INC.  
FIFTY AIRPORT RD. SUITE 100 MORRISTOWN, NJ 07960

2059.0 2059.0

Wagner Airways Inc.  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Reg #: 7582V Make: Cessna Model: 177RG  
Date: 03-28-2004 W/O #: 2841 Meter: 2059.0 TT: 2059.0  
Removed and replaced LH tire. Bled brake system. This aircraft was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Details of this repair are on file at this agency under the work order listed above.  
  
Paul Larisch Jr. AP 2732752

PARADISE CITY AVIATION  
P.O. BOX 221  
NORTHAMPTON, MA 01061



2059.0 TOTAL brought forward from previous page

Wagner Airways Inc.  
425 Beaverbrook Road  
Lincoln Park, NJ 07035

2059.5 2059.5

Reg #: 7582V Make: Cessna Model: 177RG  
Date: 04-09-2004 WO #: 2856 A/C TT: 2059.5 Tach: 2059.5

Performed an ANNUAL inspection per Cessna maintenance manual P/N D2009-4-13 and 100 hour inspection guide. Opened all inspection panels and inspected structure. Inspected landing gear, brakes, wheels, and tires. Inspected electrical system and checked all lights. Inspected fuel system. Checked all flight controls. Serviced and charged battery. Lubed aircraft in accordance with maintenance manual. Jacked aircraft. Performed 5 fault free retraction checks and 1 emergency check. Found to be satisfactory.

1- Removed and replaced vacuum relief filter.

2- Removed Altimeter P/N 5934P-1 S/N G665. Reinstalled after overhaul from Rudy Aircraft Instruments W/O 28732-1.

3- Removed Encoding Altimeter P/N 42540 S/N 205. Reinstalled after repairs from Rudy Aircraft Instruments W/O 28732-2.

4- Removed and replaced 2 cowling shock mounts.

5- Tightened alternator belt.

6- Removed and replaced 2 rivets in propeller spinner.

7- Stop drilled both wing tips.

8- Stop drilled both stabilator tips.

9- Stop drilled and installed 2 washers on upper rudder tip.

10- Removed and replaced RH courtesy light.

11- Lubed pulley in floorboard for LH rudder cable.

12- C/W AD 87-20-03 R2 Seat Rails and Assemblies by visual inspection. Found to be satisfactory. NEXT DUE: 4/05.

13- C/W AD 02-26-01 Lycoming Engine by visual inspection. Found to be satisfactory. NEXT DUE: 4/05 or when any maintenance is done on fuel injector lines..

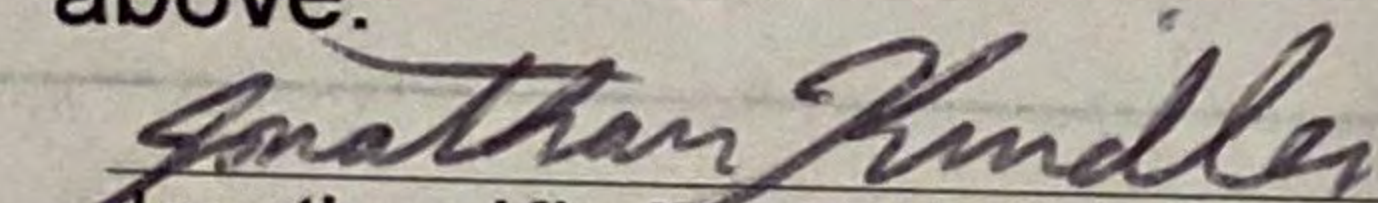
14- C/W FAR 91.207d ELT Inspection and opp's check. Found to be satisfactory. NEXT DUE: 4/05.

15- AD's checked through 2004-06.

I certify that this AIRCRAFT has been inspected in accordance

with an ANNUAL inspection and has been found airworthy.

Details on file at this agency under the work order number listed above.

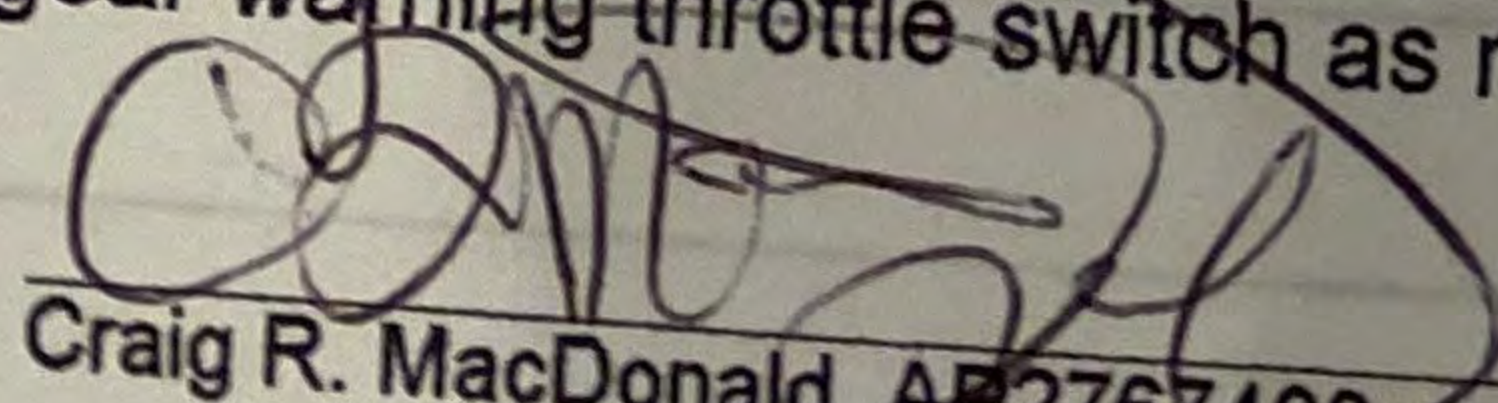
  
Jonathan Kindler 2777354 IA

2070.5 2070.5

Reg #: N7582V tach: 2070.5  
Date: 05-07-2004

A/C TT: 2070.5

Installed Horizon Electronic tachometer per mfg. instructions and STC #SA6022NM. See 337 this date. Weight & Balance & equipment list revised. Supplement added to flight manual. Blew out line for manifold pressure gage. Adjusted suction to 5" HG. @ 1900 rpm. Resealed fuel strainer. resealed nose gear oleo and serviced as needed. Clean & lube brake caliper pins. Adjusted gear warning throttle switch as needed.

  
Craig R. MacDonald AP2767400

TY AVIATION  
X 221  
N, MA 01061

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DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TOTAL  
TIME  
IN  
SERVICETACH OR  
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TIME

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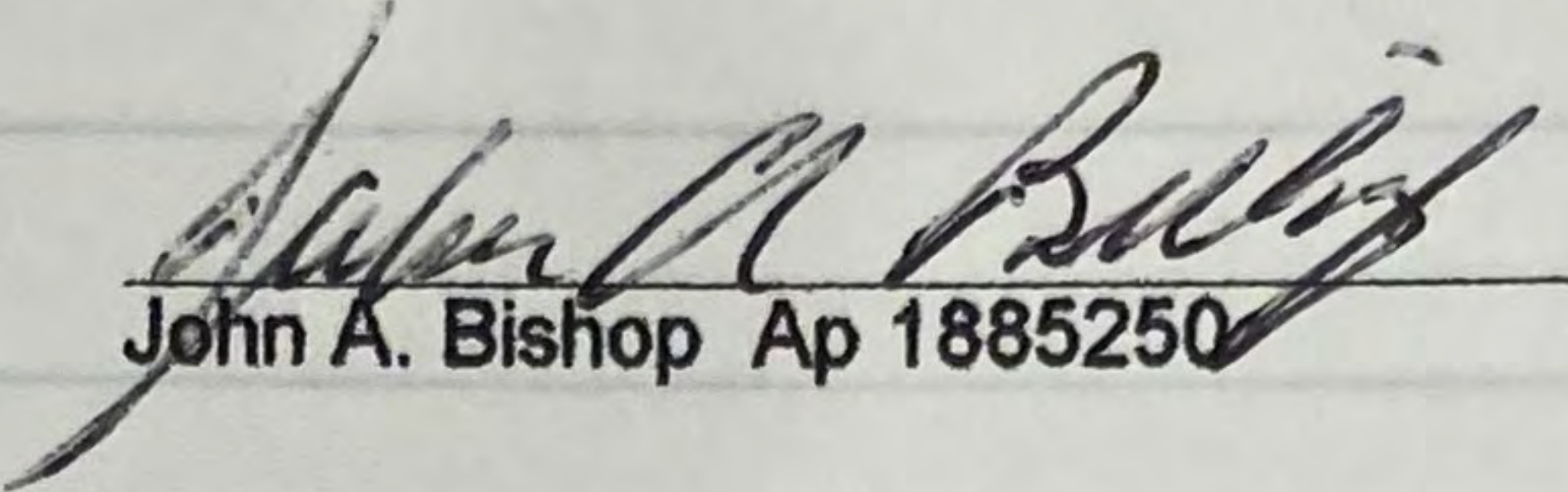
11/30/04

2108.2

Reg #: N7582V Tach : 2108.2

Date: 11-30-2004

Removed manifold pressure / fuel flow gage and replaced with overhauled unit, s/n 61982. Runup and ops. check good. 8130-3 form in back of log.

  
John A. Bishop Ap 1885250

5/11/05

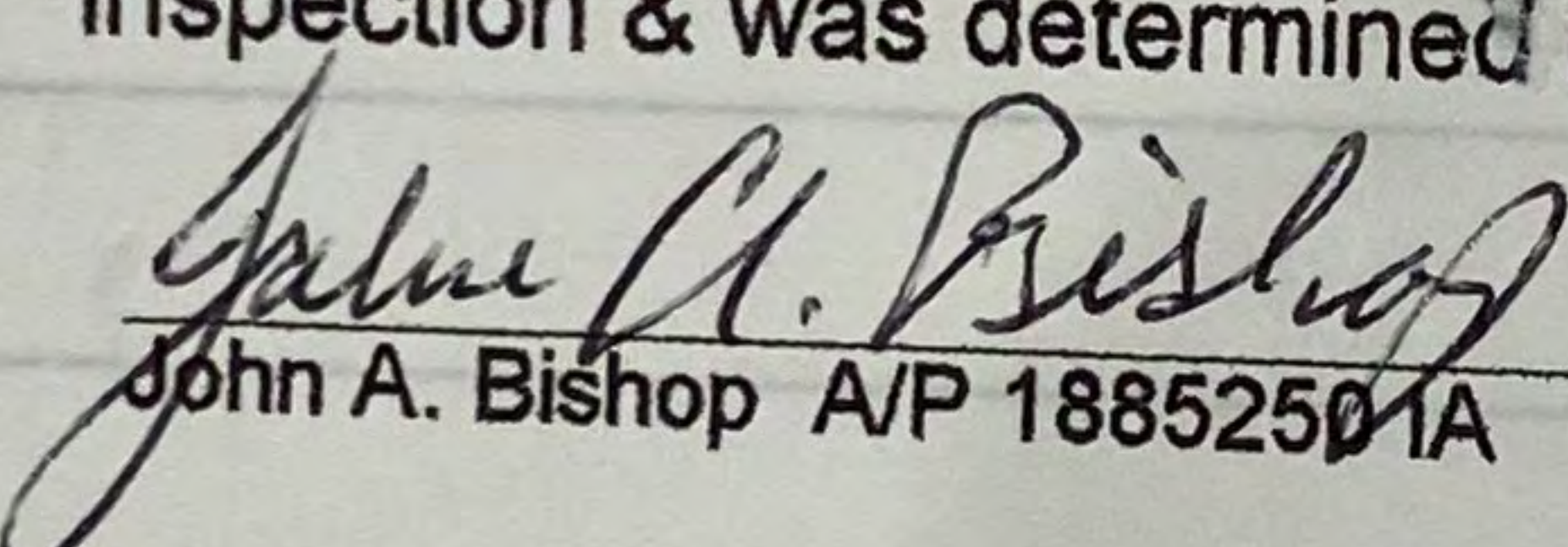
2120.3

Reg #: N7582V Tach: 2120.3

A/C TT: 2120.3

Date: 05-11-2005

100 Hour Annual Inspection completed i/a/w C177Rg inspection check list. Jacked A/C for retraction test. Rerigged nose gear doors as needed. Gear ops. good. Cleaned & repacked all wheel bearings & lubed gear a/r. Checked all lights & serviced battery & brakes. Replaced ELT battery & ops. checked unit per FAR91 -207D. Battery expires 5/07. Inspected seat tracks per Ad87-20 -3R2. Replaced 3 cowling mounts. Inspected wings, controls, cables, and pulleys. Ads checked thru issue 2005 -09. I certify that this aircraft has ben inspected i/a/w an ANNUAL inspection & was determined to be in an airworthy condition.

  
John A. Bishop A/P 1885250 IA

Northampton Aeronautics Inc  
160 Old Ferry Road  
Northampton, MA 01060

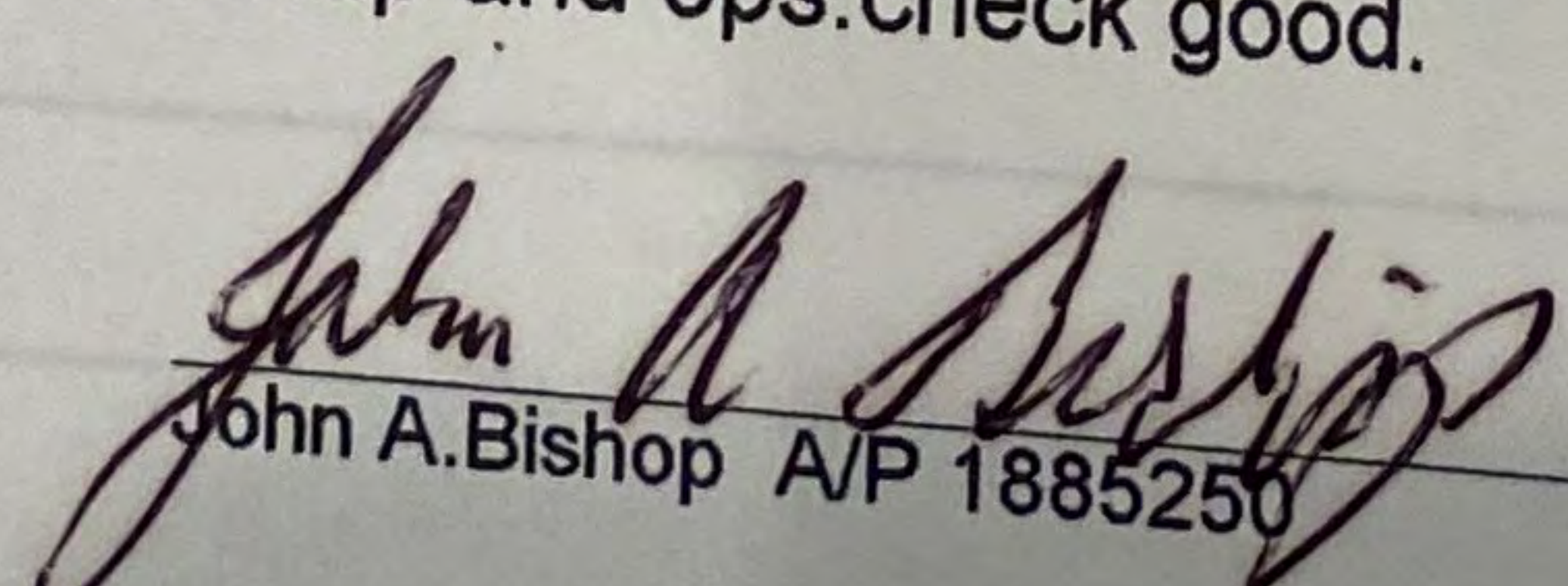
6/22/05

2125

Reg #: N7582V Tach: 2125

Date: 06-22-2005

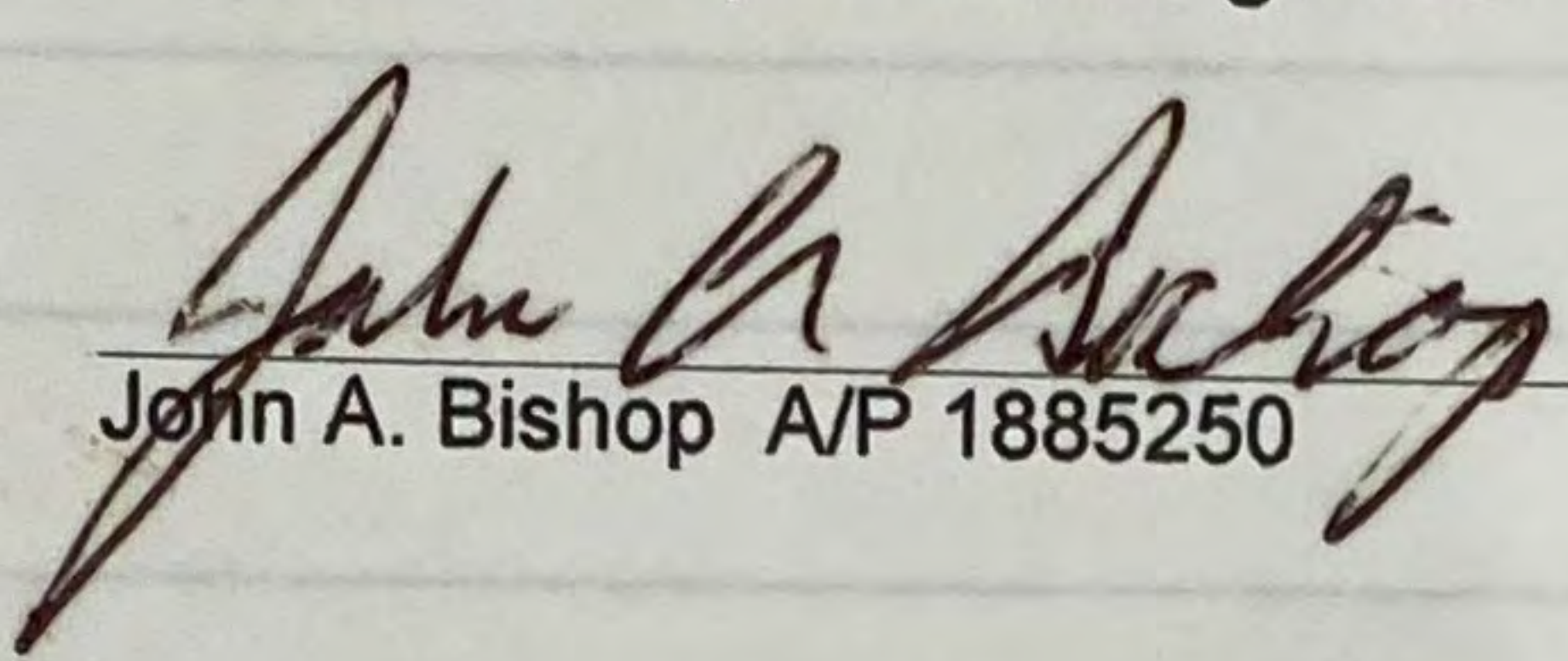
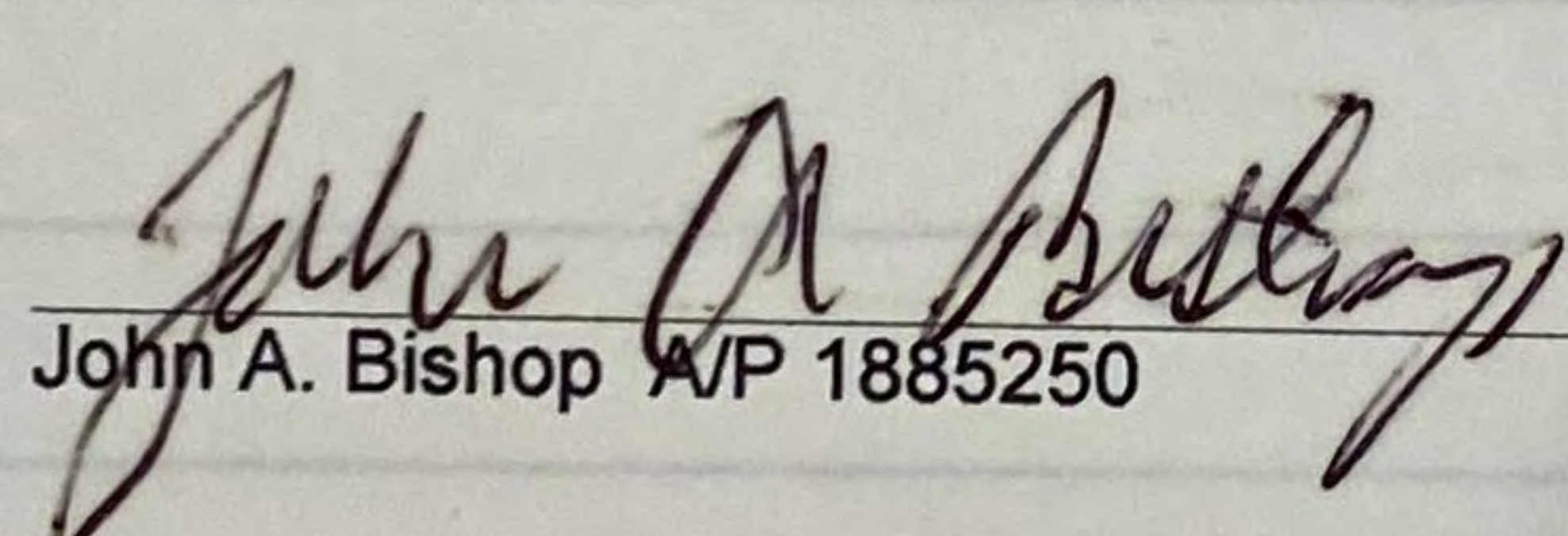
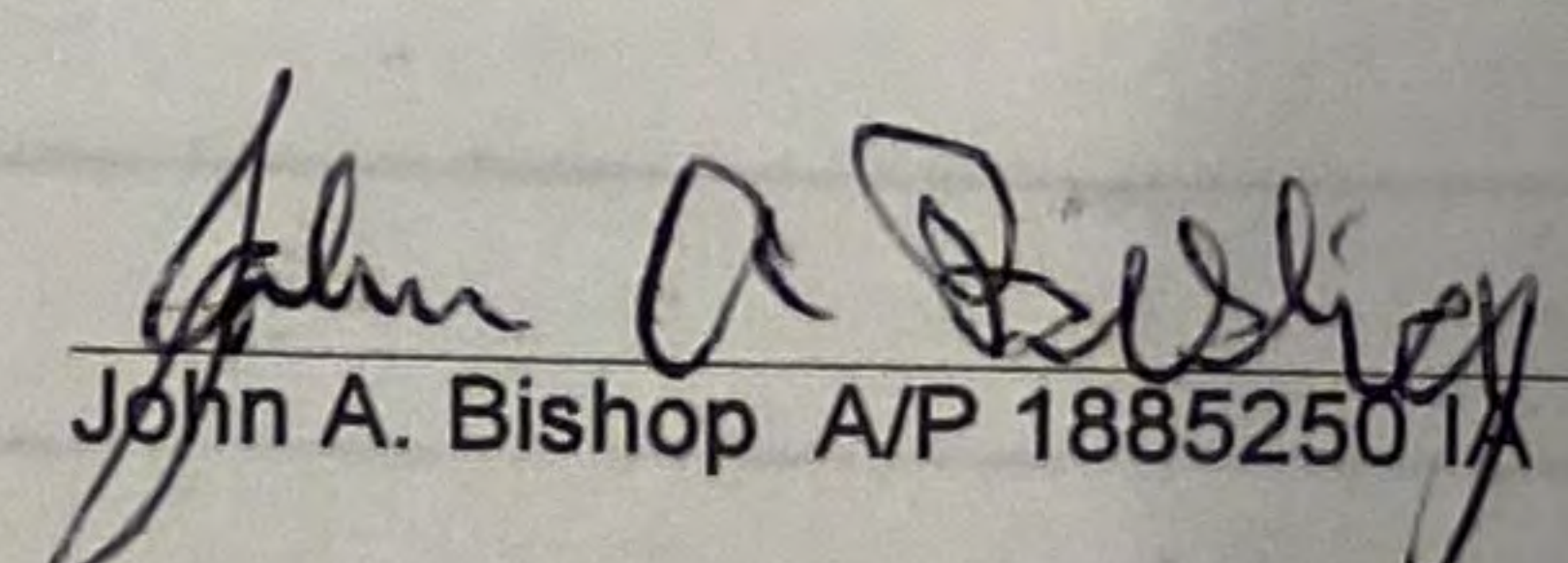
Removed and replaced alternator with overhauled unit, s/n FO34898. Replaced mounting bracket with new one, p/n 76906. Runup and ops. check good.

  
John A. Bishop A/P 1885250

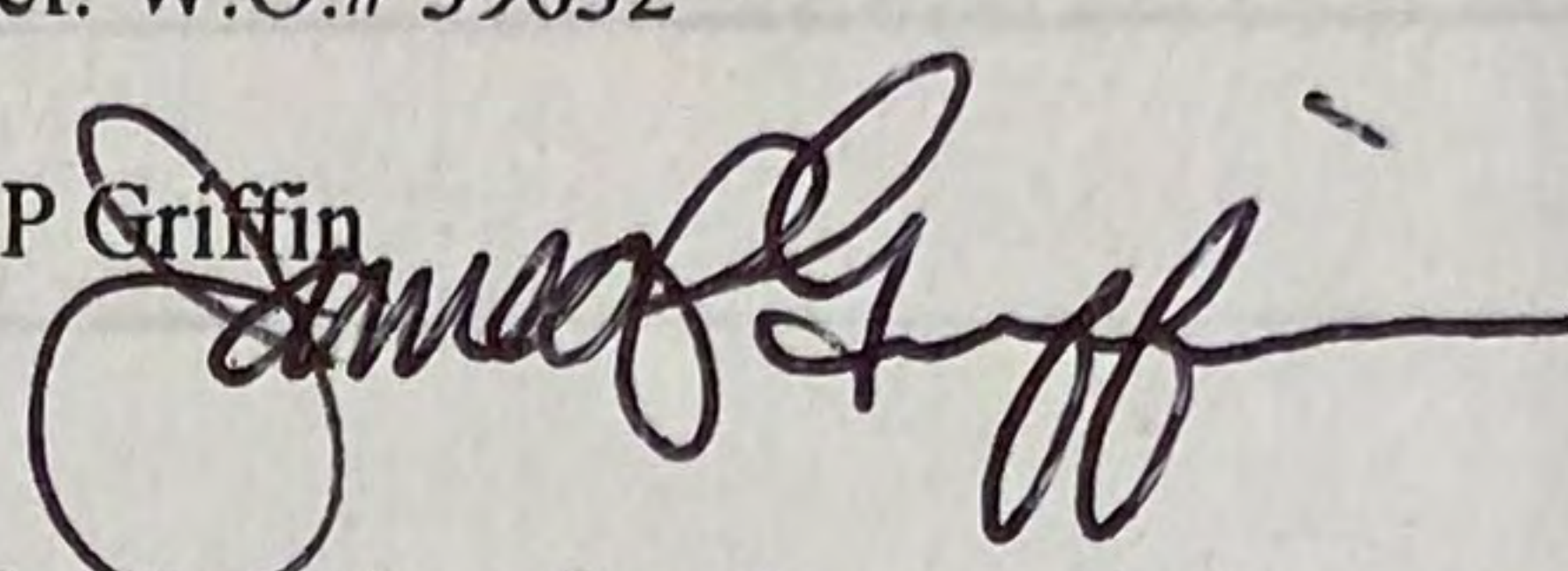
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| 11/18/05                                                                   |                       | 2152.86                      | Reg #: N7582V Tach: 2152.86<br>Date: 11-18-2005<br><br>Installed Composite propeller spinner i/a/w TCB Composites installation instructions & STC # SA01164AT. See 337 form this date.<br>Installed Zeftronics Alternator controller unit i/a/w mfg. instructions and STC # SA8031SW. See 337 form this date.<br>Runup & ops. check good. Rebalanced nose wheel. Replaced scat hose for Avionics cooling as needed. Replaced flasher for tail beacon. Ops. check good.                                                                                                                                                                                                                                |
| Northampton Aeronautics Inc<br>160 Old Ferry Road<br>Northampton, MA 01060 |                       |                              | <br>John A. Bishop A/P 1885250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12/2/05                                                                    |                       |                              | Reg #: N7582V Tach : 2153.0<br>Date: 12-02-2005<br><br>Removed and replaced secondary electrical bus bar thats ties in the alternator and landing gear circuit breakers to the main bus.<br>Ops. check good.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                            |                       |                              | <br>John A. Bishop A/P 1885250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4/18/06                                                                    | 2163.3                | 2163.3                       | Reg #: N7582V Tach: 2163.3<br>Date: 04-28-2006<br>A/C TT: 2163.3<br><br>100 Hour Annual Inspection completed i/a/w FAR 43, Appendix D and all applicable STC data. Jacked aircraft for retraction test. Lubed landing gear a/r. Repacked wheel bearings as needed. Replaced linings on left brake. Replaced switch for flashing beacon. Checked all lights & serviced battery & brakes a/r. Replaced both vacuum system filters. Ops. checked ELT per FAR 91-207D. Battery expires 5/07. Inspected wings, controls, cables, and pulleys. Ads checked thru issue 2006-08. I certify that this aircraft has been inspected i/a/w an ANNUAL Inspection & was determined to be in an airworthy condition. |
| Northampton Aeronautics Inc<br>160 Old Ferry Road<br>Northampton, MA 01060 |                       |                              | <br>John A. Bishop A/P 1885250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SUB-TOTAL                                                                  |                       |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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|         |                       |                              | <b>TOTAL</b> brought forward from previous page                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|         |                       |                              | <u>Cessna 177RG S/N 177RG0873 N7582V</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6/23/06 |                       | 2174.1                       | 6/23/2006 Tach: <u>2174.1</u> - Removed and replaced spinner bulkhead with new. Reinstalled prop with new "O" ring and new alternator drive belt. Torqued prop bolts and safetied. Ran engine. No leaks noted. Propeller ops normal. Ref. W.O.# 39632                                                                                                                                                                                                                                         |
|         |                       |                              | By, James P Griffin                                                                                                                                                                                                                                                                                                                                                                                         |
|         |                       |                              | For, <b>Griffin Aviation Services</b> a division of Griffin Avionics, Inc.<br>Barnstable Municipal Airport * Hyannis, MA 02601 * GN1R172K                                                                                                                                                                                                                                                                                                                                                     |
|         |                       |                              | AVIATION ELECTRONICS INC<br>Hanscom Field Bedford MA 01730 <u>N7582V</u><br>FAA CRS# UT5R261N<br>I Certify that Altimeter, Static, Transponder, and Altitude Reporting System tests and inspections have been performed in accordance with FARs §91.411, §91.413, and Part 43 Appendices E and F.<br>Altimeter(s) tested to: <u>20,000</u> feet<br>L/H Altimeter S/N: <u>440900</u><br>R/H Altimeter S/N: _____<br>Date: _____ A/C Time: <u>1614.7</u> W.O.# <u>30415</u><br>For CRS UT5R261N |

**Twin City Airmotive (FIT) Fitchburg, Ma 01420 978-342-8700 tel. Twincity98@MSN.com**

9/16/2006

:Hobbs

2187.03

:Tach

N 7582V

**Airframe Repairs**

Performed the following repairs utilizing the manufactures maintenance manuals:

Airframe Serial #

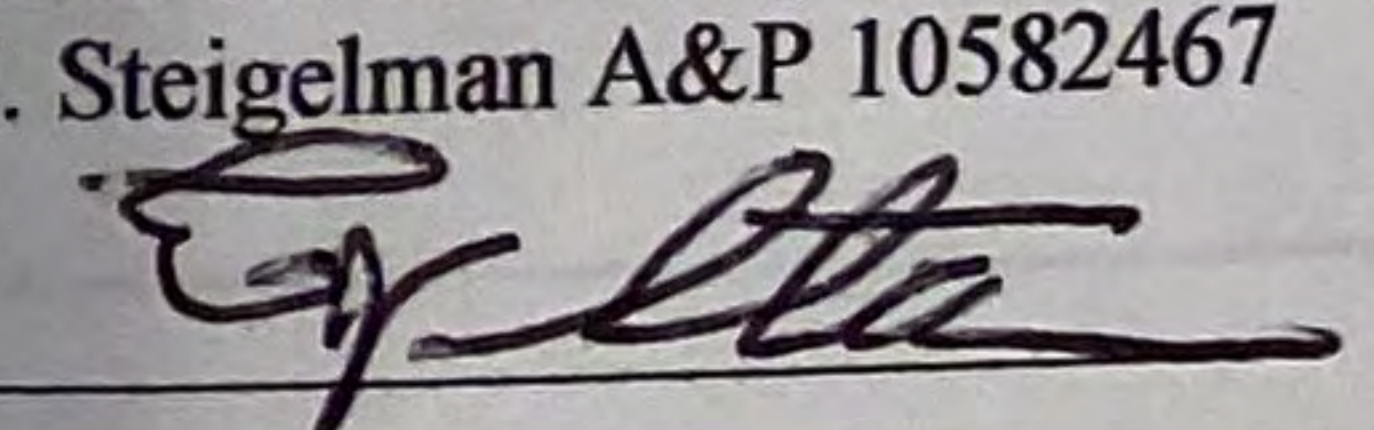
**177RG-0873**

1. Removed stabilator to C/W Cessna service Bulletin SEB89-1 Stabilator balance weight arm bracket inspection/ replacement. installed tail mod kit in accordance with SB SEB89-1 Accomplishment instructions revision 3 dated DEC 21, 1990. Reinstalled stabilator in accordance with Cessna maint manual.
2. Removed and replaced forward nose gear door hinges, pins, and bushings with new.
3. Removed landing gear hydraulic power pack P/N 105932-E S/N AH-11161 sent out for overhaul to Kelly Aerospace turbine rotatables. See work order AH-16841 and yellow tag for details. Reinstalled power pack in aircraft serviced with MIL-5606. Rigged main gear as needed. Performed gear retraction test all functions normal at this time. All work was done in accordance with Cessna maint manual.
4. Troubleshoot tail beacon system, found bad power supply. Replaced with serviceable unit Aero Flash 150-0015. Cleaned all grounds and connections. Replaced bulb with T14V125W.
5. Nose gear door center cracked at center actuator rod end attach and left hand hinge. Stripped paint from door fabricated patches from .032 2024 t3 alum. Installed patches using AN470-4 solid rivets. primed and painted door.
6. Replace fuel strainer cable with S1517-7, fabricated and installed bracket on strainer and "L" bracket on engine mount. Secured using MS21919WDG-12 x2 and rigged.

—END—

This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and / or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 3540 and a copy has been provided to the owner / operator.

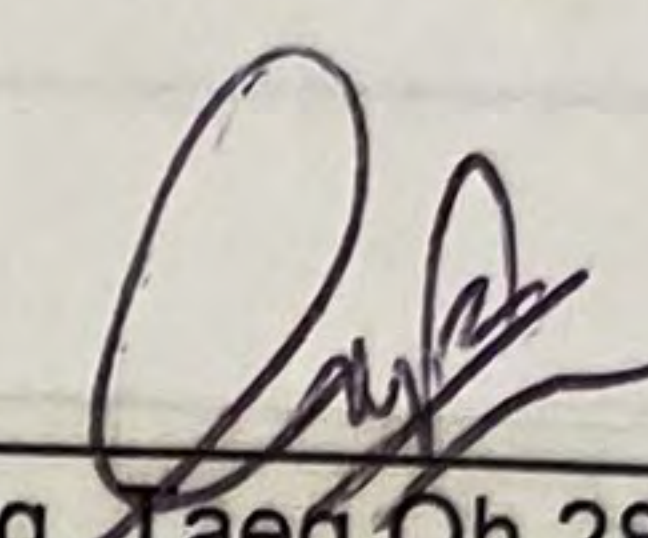
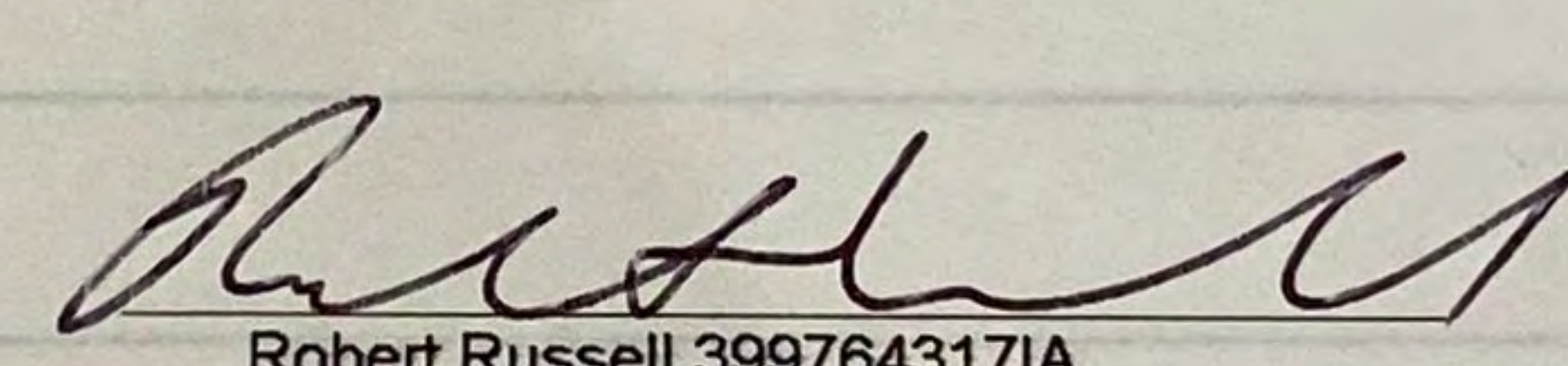
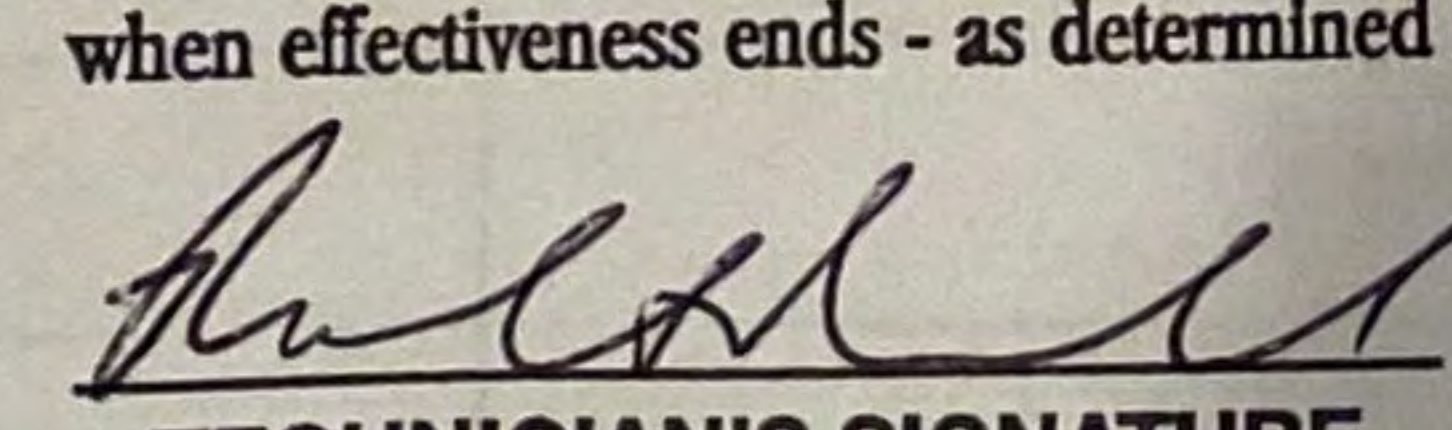
Eric J. Steigelman A&P 10582467

BY: 

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| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TOTAL<br>TIME<br>IN<br>SERVICE | TACH OR<br>RECORDING<br>METER<br>TIME | DESCRIPTION OF WORK PERFORMED—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                       | <b>Montgomery Aviation, Ltd.</b><br><b>7940 Airpark Road, Gaithersburg, MD 20879</b><br><b>301-977-5200</b>                                                                                                  |
| AIRCRAFT NUMBER: N7582V    DATE: 1/24/07    TACH: 2229.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                |                                       |                                                                                                                                                                                                              |
| 1. Replaced lamp, P/N GE-4509, for landing light. Operational check performed and found to be satisfactory.<br>2. Installed 15 x 6.0-6/6/120 tire, P/N 072-449-0. Ser/Batch # 6079W00108, and repacked wheel bearings on left main landing gear.<br>3. Airplane returned to service.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |                                       |                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                       | <br>Heung Taeg Oh 2857158 A&P                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                       | <b>Aviation Plus LLC</b><br><b>9870 W 52<sup>nd</sup> Street</b><br><b>Kenosha WI 53144</b><br><b>262-656-1260</b>                                                                                           |
| AIRCRAFT NUMBER: N7582V    SERIAL NUMBER: 321155    DATE: 1/22/07    TACH: 4212.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |                                       |                                                                                                                                                                                                              |
| 1. Replaced flap motor w/repairs unit from RLB Accessories WO#5256. Replaced vacuum pump w/Rapco overhauled 215CC unit S/N128224. Installed Aerotech Components Inc CV1J4-C inline air filter. 337 filed.<br>2. Replaced front seat lap belts and shoulder harnesses w/BAS Inc. shoulder harness system. 337 filed. Installed old forward shoulder harnesses & lap belts in rear seat position. Replaced both door seals. Replaced 1 landing light. Installed PulseLight Model 1210 Light system. 337 filed. Replaced pressure switch to manifold o-ring. Replaced downlock bumper pad. Secured squat switch wiring. Replaced 1 bearing in nose wheel. Replaced right inboard wheel race. Re-rigged left forward heat valve. Welded crack in airbox plenum. Adjusted gear horn. Adjusted prop governor down to 2700 RPM. Removed ARNAV GPS Star5000 unit and tray. Replaced fuel opening placards. C/W AD87-20-03R2, seats and rails, due annually. C/W AD2002-26-01, injector lines & supports, due 100 hrs/annually. ELT checked per FAR91.207(d). Replaced batteries in ELT, due 24 months. All routine items checked per inspection sheets. I certify this airframe was inspected in accordance with an annual inspection and was determined to be in air worthy condition. |                                |                                       |                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                       | <br>Robert Russell 3997643171A                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                       | <b>CORROSION<sup>®</sup></b><br><b>TREATMENT CENTER</b><br><b>Aviation Plus LLC</b><br><b>262-656-1260 656-1299 Fax</b><br><b>Email: info@aviationplusllc.com</b><br><b>4-26-07</b><br><b>TREATMENT DATE</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                       | <b>AVIATION</b><br><b>N<sup>o</sup> 13446</b><br><b>N7582V</b><br><b>AIRCRAFT SN OR N NUMBER</b>                                                                                                             |
| I certify that this aircraft has been treated with CorrosionX (Mil-C-81309E) to stop and prevent corrosion. Treatment is effective for 18-24 months, based on environmental conditions. Re-treating is recommended when effectiveness ends - as determined by either time or visual inspection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                       |                                                                                                                                                                                                              |
| <br><b>TECHNICIAN'S SIGNATURE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                                       | <b>3997643171A</b><br><b>A &amp; P NUMBER</b>                                                                                                                                                                |
| SUB-TOTAL this page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                       |                                                                                                                                                                                                              |
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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                                            |
|---------|-----------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|         |                       |                              | <b>TOTAL</b> brought forward from previous page                                                                                    |
| 4/27/51 | 2253                  | 2253                         | Aircraft test flown, 3 landings. Aircraft functioned normally. Approved for return to Service.<br>Hale Kell PRIVATE P. LOT 2278937 |



**Montgomery Aviation, Ltd.**  
7940 Airpark Road, Gaithersburg, MD 20879  
301-977-5200

AIRCRAFT NUMBER: N7582V SERIAL NUMBER: 177RG0873 DATE: 7/31/07 TACH: 2281.81 HOBBS: 1614.7

1. Removed stabilator, inspected, replaced outboard bushings, P/N 1732039-1, bolts, P/N NAS6606D17, washers, P/N AN960-616, and nuts, P/N AN310-6, for stabilator pivot and reinstalled stabilator IAW current Cessna Model 177RG Series Service Manual, Section 8 as applicable..
2. Opened engine cowl, replaced lamp, P/N GE4509.
3. Operational checks performed and found to be satisfactory.
4. Closed engine cowl.

Heung Taeg Oh 2857158 A&P

[illegible]



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

PENN AVIONICS, INC. 1209 Ward Ave West Chester, PA 19380  
LOG ID# 3332 30-October-2007 WO# 12888/1 AC TT 2297.2  
N7582V S/N 177RG0873 CESSNA 177RG

Pg 1 / 1

\*\*\*\* ITEM # 12888-1 Charging system inop \*\*\*\*

DISCREPANCY: Charging system inop

ACTION: Ramp test system, verify inop. T/S regulator/alternator wiring. No problems found.  
Found that no voltage is present at field terminal of alternator. Replaced existing Zeftronics  
R15V00 regulator with factory new part s/n V14338. Ramp test charging system operational. All  
work performed IAW Cessna C177MM.

\*\*\*\* ITEM # 12888-2 HSI nav flag inop \*\*\*\*

DISCREPANCY: HSI nav flag inop

Model: NSD-360 Part#: 52D136-1333 Serial#: 13318A

ACTION: During ramp test of charging system, not HSI nav flag in view. Removed HSI and  
substituted loaner unit, loaner HSI nav-flag OK. All HSI connectors and pins were previously  
cleaned and resealed. Re-install unit after bench repair. Ramp test HSI operation.

*P. L.* A&P 2822350  
*Peter Stenzenmutter*

Montgomery Aviation, Ltd.  
7940 Airpark Road, Gaithersburg, MD 20879  
301-977-5200 Main Office  
301-977-3500 Maintenance

AIRCRAFT NUMBER: N7582V SERIAL NUMBER: 177RG0873 DATE: 12/11/07 TACH: 2313.0

1. Removed stabilator, inspected, replaced bracket side bushings, P/N 1712156-1, for stabilator pivot and reinstalled stabilator IAW current Cessna Model 177RG Series Service Manual, Section 8 as applicable and reinstalled stabilator.
2. Operational checks performed and found to be satisfactory.

*[Signature]*  
Heung Tsang Ch 2857158 A&P

## Hagerstown Aircraft Services, Inc.

Certified Repair Station: CRS H5GRO500

14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604

DATE 06/06/08 TACH 2338.9 AFTT 2338.9 W.O# 0804139  
N#7582V MAKE CESSNA MODEL 177RG S/N 177RG0873

Removed all access covers, inspected & lubed as required. Replaced vac. filters, D9-14-5 & B3-5-1. Replaced strobe lt., p/n 073-0270 in LH wingtip. Repaired speaker wire & ops. checked stall & gear warn. horn thru speaker. Installed new Flight Special 2 Tire, 15x6-6ply on RH MLG. Repaired grd. connection @ radio rack & ops. checked G/S. Replaced HSI with a Mid Continent O/Hed unit, p/n 52D136-1333, s/n 15377A. (w.o# WRK0117693) Repositioned & secured CHT wire & eng. preheat plug. Replaced Ameri-King ELT, AK450, with new ELT of same model, s/n 492692. C/W FAR 91.207(d) & found ELT ok for reuse. Battery repl. date, Mar.2013. C/W A.D 87-20-03R2 Seat Roller & Seat Rail insp. found ok. Reinsp. @ next annual, 6/2009. A.Ds checked thru 2008-11. I certify this aircraft has been inspected I/A/W an annual inspection and has been determined to be in airworthy condition and is approved for return to service. All work was performed I/A/W manufacturer's maintenance manuals and current federal aviation regulations. See above work order for further details.

Signed *M. Keith Sheffer*  
Hagerstown Aircraft Services, Inc Hagerstown, MD 21742  
FAA Approved Repair Station H5GRO500

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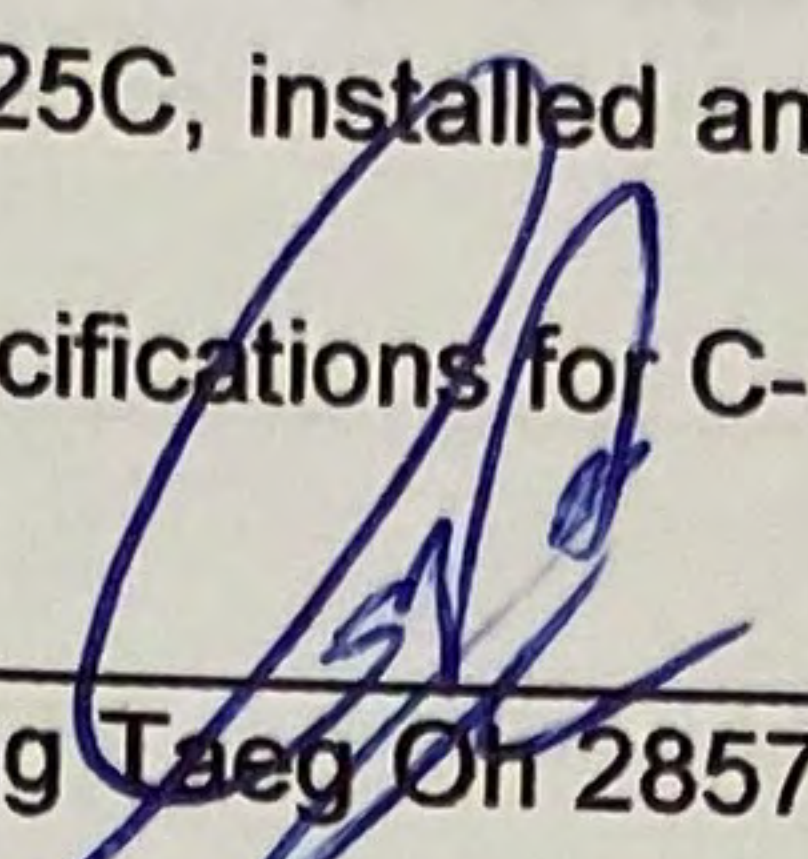


DA

Montgomery Aviation, Ltd.  
7940 Airpark Road, Gaithersburg, MD 20879  
301-977-5200 Main Office  
301-977-3500/7062 Maintenance

AIRCRAFT NUMBER: N7582V SERIAL NUMBER: 177RG0873 DATE: 8/6/08 TACH: 2358.85

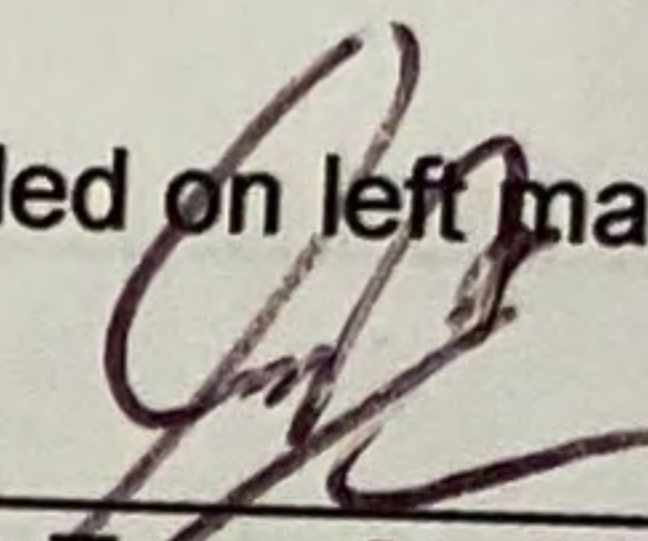
1. New left hand stabilator tip, P/N 29-08F-25C, installed and painted with Tempco Aircraft Enamel.
2. Right hand tip painted to match.
3. All tire pressures checked and set to specifications for C-177RG.
4. Airplane returned to service.

  
Heung Taeg Oh 2857158 A&P

Montgomery Aviation, Ltd.  
7940 Airpark Road, Gaithersburg, MD 20879  
301-977-5200 Main Office  
301-977-3500/7062 Maintenance

AIRCRAFT NUMBER: N7582V SERIAL NUMBER: 177RG0873 DATE: 10/20/08 TACH: 2384.61

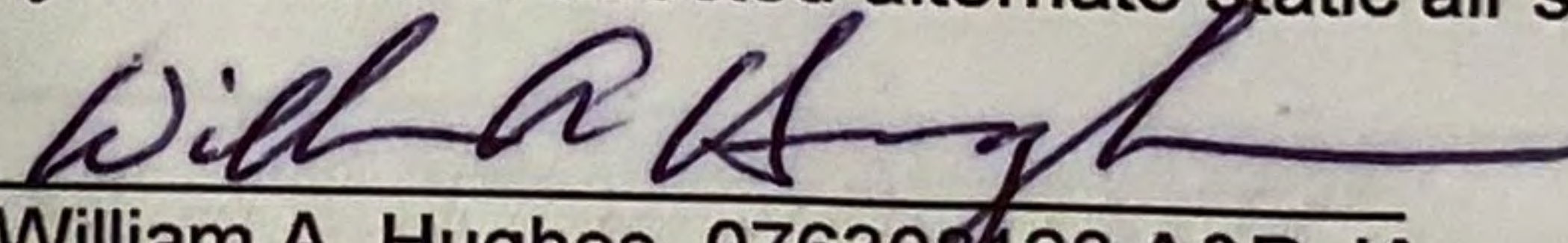
1. New Condor 15x6.0-6/120 tire, P/N 072-449-0, S/N 6312W00335, installed on left main landing gear.
2. Ground run-up and taxi check performed and found to be satisfactory.

  
Heung Taeg Oh 2857158 A&P

Montgomery Aviation, Ltd.  
7940 Airpark Road, Gaithersburg, MD 20879  
301-977-5200 Main Office  
301-977-3500/7062 Maintenance

AIRCRAFT NUMBER: N7582V SERIAL NUMBER: 177RG0873 DATE: 1/26/09 TACH: 2397.6

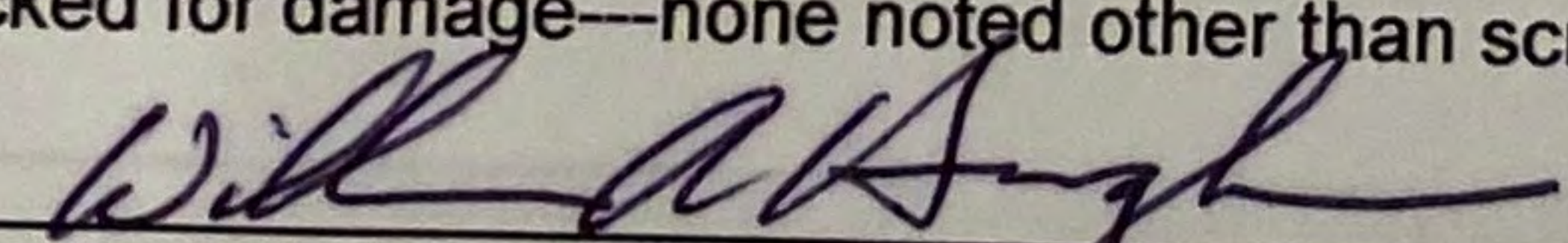
1. AD 2008-10-02 and AD 2008-26-010 CW IAW Para (c) by no record of affected alternate static air source valve installation.

  
William A. Hughes, 076308128 A&P, IA

Montgomery Aviation, Ltd.  
7940 Airpark Road, Gaithersburg, MD 20879  
301-977-5200 Main Office  
301-977-3500/7062 Maintenance

AIRCRAFT NUMBER: N7582V SERIAL NUMBER: 177RG0873 DATE: 3/5/09 TACH: 2401.38

1. Nose strut serviced with nitrogen.
2. Propeller spinner removed and checked for damage—none noted other than scratched paint.
3. Airplane returned to service.

  
William A. Hughes, 076308128 A&P, IA

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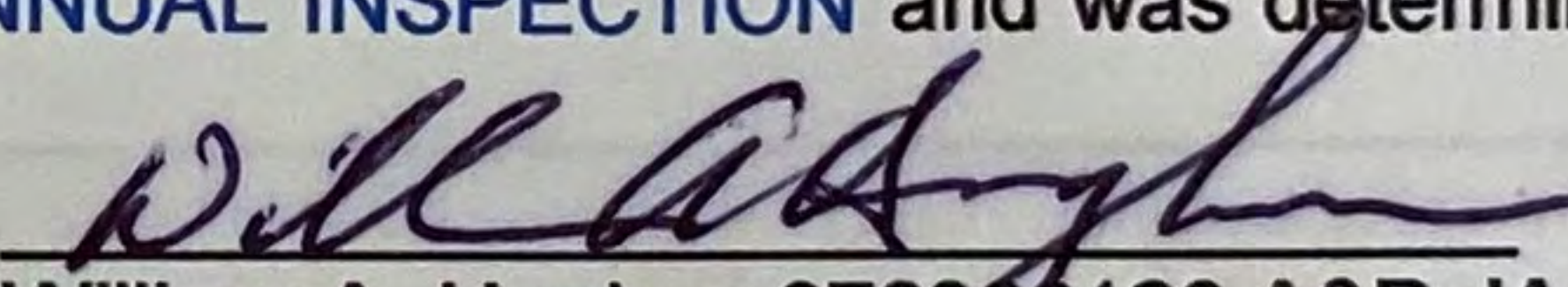


**Montgomery Aviation, Ltd.**  
**7940 Airpark Road, Gaithersburg, MD 20879**  
**301-977-5200 Main Office**  
**301-977-3500 Maintenance**

**AIRCRAFT NUMBER:** n\N7582V **SERIAL NUMBER:** 177RG0873 **DATE:** 7/2/09 **TACH:** 2426.0 **TOTAL TIME:** 2426.0

1. Panels opened, engine uncowed, spinner removed, airplane serviced and inspected in accordance with a compliant checklist.
2. AD listing reviewed using current ATP software.
3. AD 87-20-03 R2 CW by inspection, operational and dimensional checks IAW Para ii. B. (a) (1) - (7). **DUE AGAIN @ NEXT ANNUAL INSPECTION.**
4. AD 2004-10-14 C CW by no known strike as define in Para (i) & (j) since last engine teardown. **NO FURTHER ACTION REQUIRED AT THIS TIME.**
5. AD 2008-14-07 CW by inspection IAW Para (h) & (j). **DUE AGAIN @ 2526.0 TTAF.**
6. AD 2009-02-03 CW by no affected installation within specified date range. **NO FURTHER ACTION REQUIRED.**
7. No additional disclosed AD's are due at this time.
8. New AD Compliance Record compiled and added to the aircraft records.
9. FAR 91.207 (d) CW by condition inspection of ELT and battery IAW Para. (1-4). **NEXT DUE JUL 2010.**  
**ELT battery Expiration Date is MAR 2013.**
10. Cabin heat control lubed and exercised to obtain smooth, free operation.
11. Both cabin door seals resecured using Pliobond adhesive.
12. Plastic wire ties removed from engine mounts and replaced as needed with one each WDG-8, WDG-12 Adel Clamps, two each AN526C832R10 screws, AN960-8 washers and MS21045-08 nuts.
13. Five broken engine cowl Lord Mounts replaced with P/N J-7444-14 mounts.
14. Loose nut plate for inspection cover in right wing resecured.
15. Control cable for fuel header tank drain valve cleaned, lubed with LPS-2 and excised to obtain smooth, free and positive operation.
16. New Condor 5.00-5/6/120 tire, P/N 072-312-0, S/N 8224W00221, installed on nose wheel.
17. All wheel bearings repacked.
18. New induction air filter element, P/N BA-5705, instrument filter, P/N D9-14-5 and instrument regulator filter, P/N B3-5-1, installed.
19. Main battery removed, cleaned, inspected, topped-off with distilled water, recharged, rinsed with clean water, dried and reinstalled.
20. Battery box cleaned and inspected while battery was removed.
21. Left hand position light lens removed, missing gasket replaced with P/N W-1283 and lens reinstalled.
22. Manifold pressure line disconnected, line and fittings cleared of debris & oil residue and line reconnected.
23. Both front seat arm rests resecured.
24. Torn section of baffle seal @ left front of engine replaced with 05-00755 baffle seal.
25. Right hand brake caliper removed, cleaned, disassembled, inspected, new O-ring, P/N MS28775-224, installed, reassembled, reinstalled with new linings, P/N 066-10500, rivets P/N 105-00200 and system bled and topped-off with Aeroshell Fluid 4.
26. Ground run-up and taxi check performed and found to be satisfactory.
27. Panels closed, engine recowed, spinner reinstalled.

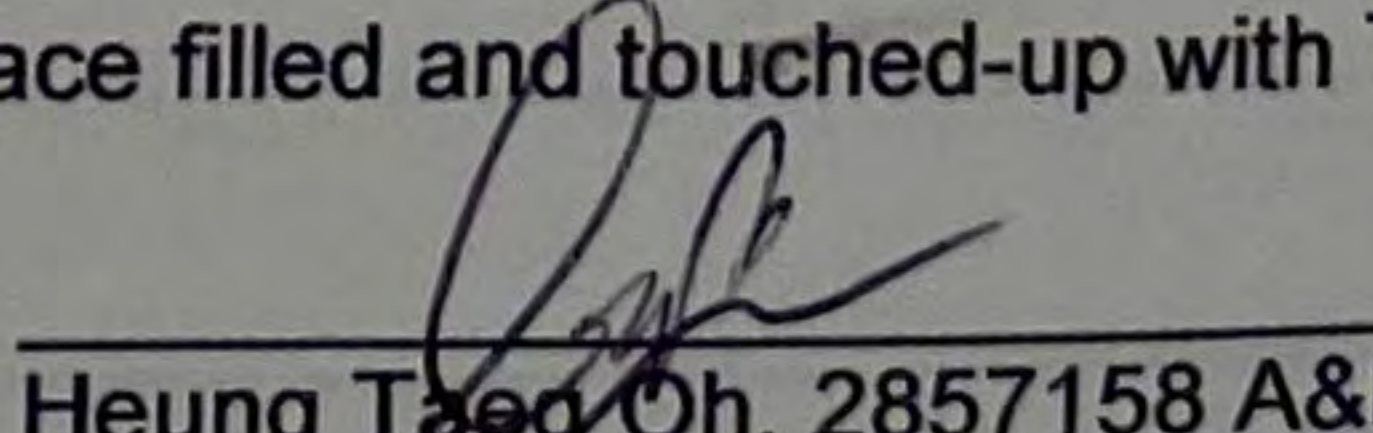
I certify that this aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition.

  
 William A. Hughes 076308128 A&P, IA

**Montgomery Aviation, Ltd.**  
**7940 Airpark Road, Gaithersburg, MD 20879**  
**301-977-5200 Main Office**  
**301-977-3500/7062 Maintenance**  
**301-977-3552 FAX**

**AIRCRAFT NUMBER:** N7582V **SERIAL NUMBER:** 177RG0873 **DATE:** 8/7/09 **TACH:** 2428.58

1. Small deformation in leading edge of right wing straightened, surface filled and touched-up with Tempco Aircraft Enamel.

  
 Heung Taeg Oh, 2857158 A&P

8/8/09

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1/1/10 FAR 91.107(b) approved for return to service  
 Make Kelly private pilot 2778937



DATE

TOTAL  
TIME  
IN  
SERVICE

TACH OR  
RECORDING  
METER  
TIME

DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

**Montgomery Aviation, Ltd.**  
**7940 Airpark Road, Gaithersburg, MD 20879**  
**301-977-5200 Main Office**  
**301-977-3500/7062 Maintenance**  
**301-977-3552 FAX**

**AIRCRAFT NUMBER: N7582V SERIAL NUMBER: 177RG0873 DATE: 9/15/09 TACH: 2449.27**

1. Nose tire assembly removed, water tank checked for possible air leak with none detected and reinstalled.
2. New gasket, P/N B100142-1, installed on fuel cap on right wing and fuel stain cleaned from upper wing surface.
3. One missing cowl fastener, P/N 82-19-140-20, and six retainers, P/N 82-32-101-20, replaced while cowl was removed for spark plug service.

*William A. Hughes*  
William A. Hughes, 076308128 A&P, IA

#### Airframe Entry

11-19-2009 N7582V Model: 177RG SN:177RG0873 Tach: 2464.51

Troubleshoot left fuel indicator inop, found fuel float separated from sender rod, reattached float and secured, removed and replaced tail beacon lamp, ran aircraft for operation and leak check.

*David D. Hopkins*  
David D. Hopkins 3041709 IA

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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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**LANDMARK**  
AVIATION

330 Aviation Way  
Frederick, MD-21701  
301.662.8156

Model: C-177RG  
S/N: 177RG087  
SO#: FDK-10-10574

Date: May 18, 2010  
Reg No: N7582V  
Tach: 2490.1

**Complied with Garmin Software Service Bulletin 0918 Rev A**, '400W/500W Series Unit's software upgrade to Main Software version 3.30', on the Garmin GNS-430W, p/n 011-01060-40, s/n 23402568. Removed the AFMS p/n 190-00356-03 Rev A and inserted a new AFMS p/n 190-00356-03 Rev B in the POH.

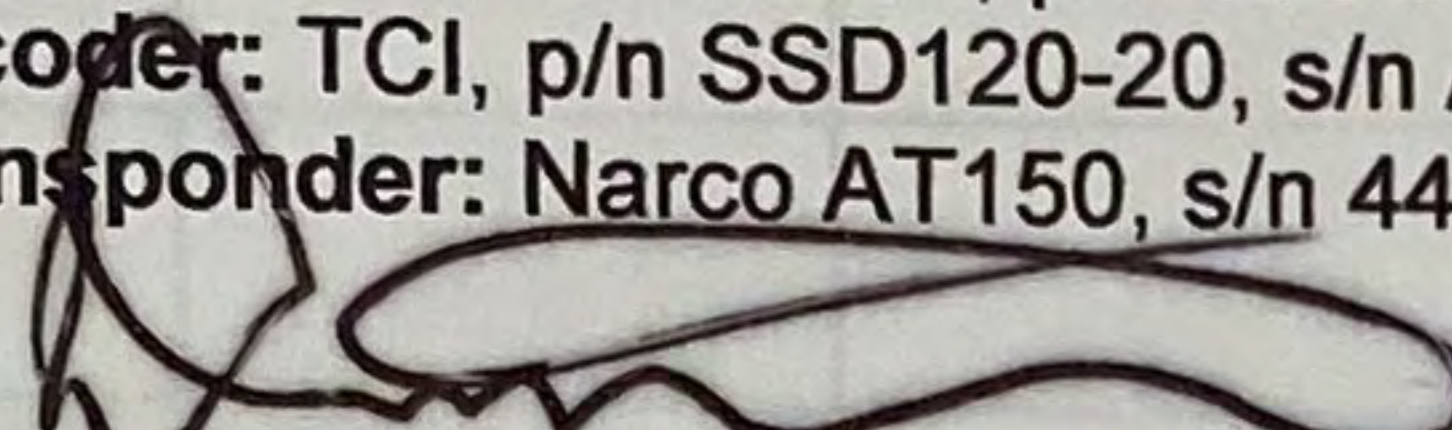
**Complied with FAR 91.411**, altimeter, altitude reporting and static system tests and inspections to 20,000 ft, IAW Part 43 Appendix E.

**Complied with FAR 91.413**, ATC transponder biennial tests and inspections, IAW Part 43 Appendix F.

**Pilot's Altimeter:** United, p/n 5934P-3 A.83, s/n 440900 **Co-Pilot's Altimeter:** United p/n 5934P-1, s/n G665

**Encoder:** TCI, p/n SSD120-20, s/n A59201, mods none

**Transponder:** Narco AT150, s/n 44195, mods none

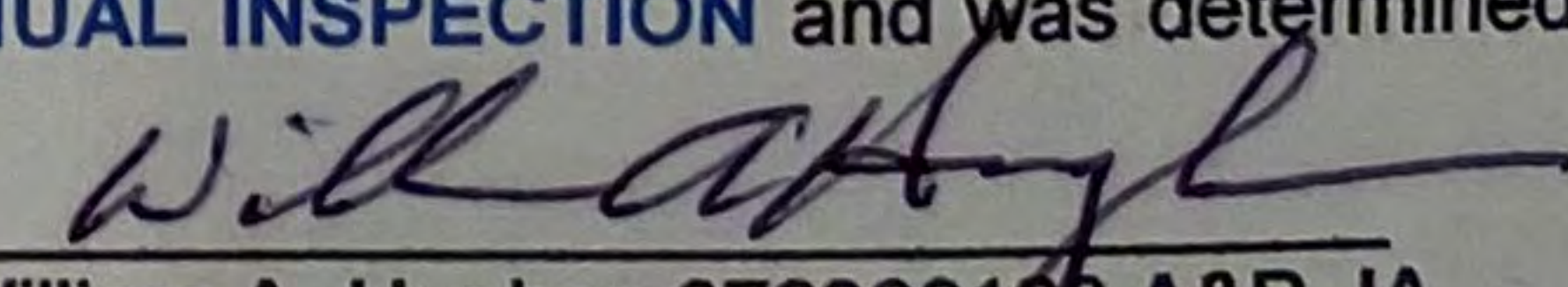
 CRS LC1R291K  
David E. Shelton for Landmark Aviation-FDK

**Laytonsville Aviation Service, LLC**  
Davis Airport  
7200 Hawkins Creamery Rd.  
Laytonsville, MD 20882  
301-253-2897

**AIRCRAFT NUMBER:** N7582V **SERIAL NUMBER:** 177RG0873 **DATE:** 8/2/10 **TACH:** 2494.48 **TOTAL TIME:** 2494.48

- Panels opened, engine uncowl, spinner removed, airplane serviced and inspected in accordance with a compliant checklist.
- AD listing reviewed using ATP software AND FAA website.
- AD 87-20-03 R2 CW by inspection, operational and dimensional checks IAW Para ii. B. (a) (1) – (7). **DUE AGAIN @ NEXT ANNUAL INSPECTION.**
- AD 2004-10-14 C CW by no known strike as define in Para (i) & (j) since last engine teardown. **NO FURTHER ACTION REQUIRED AT THIS TIME.**
- AD 2008-14-07 CW by inspection IAW Para (h) & (j). **DUE AGAIN @ 2594.48 TTAF.**
- No additional disclosed AD's are due at this time.
- AD Compliance Record updated.
- FAR 91.207 (d) CW by condition inspection of ELT and battery IAW Para. (1-4). **NEXT DUE AUG 2011. ELT battery Expiration Date is MAR 2013.**
- New latch bolt, P/N 17170149-1, installed in cabin left door latch assembly.
- New right hand bumper for nose gear door installed in lower cowl.
- Missing screws in stabilator tip replaced.
- Bird debris removed from rear of fuselage while tail cone was removed for inspection.
- Missing and rusty cowl fasteners, P/N S-1115-32, -33, retainers, P/N -9 and worn receptacles replaced as needed.
- Propeller governor adjusted to obtain satisfactory full power rpm on take-off run.
- Control cable for fuel header tank drain valve cleaned, lubed with LPS-2 and exercised to obtain smooth, free and positive operation.
- Main battery removed, cleaned, inspected, topped-off with distilled water, recharged, rinsed with clean water, dried and reinstalled.
- Battery box cleaned and inspected while battery was removed.
- Ground run-up and taxi check performed and found to be satisfactory.
- Panels closed, engine recowl, spinner reinstalled.

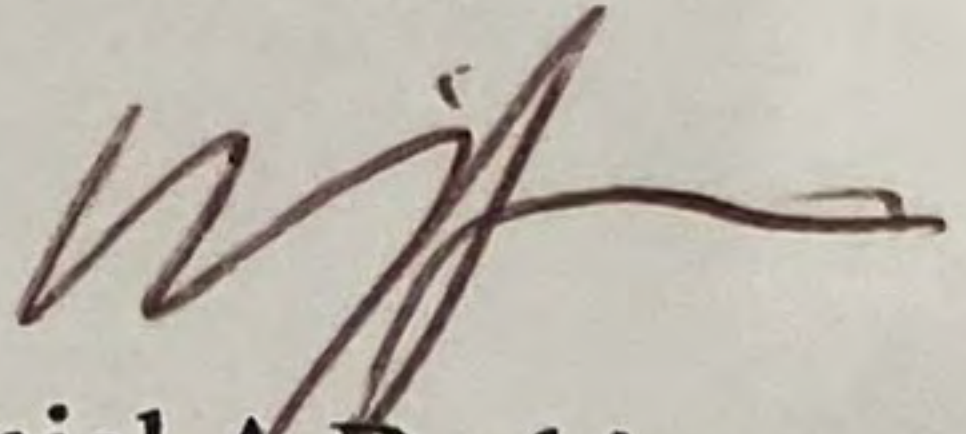
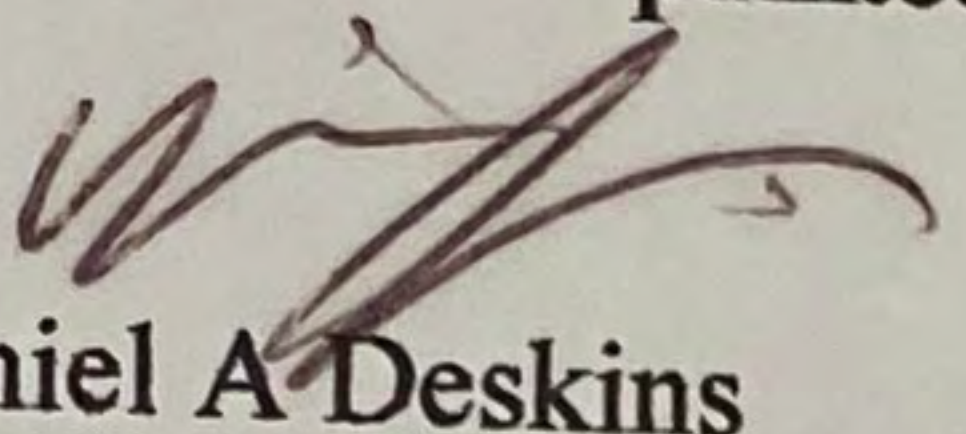
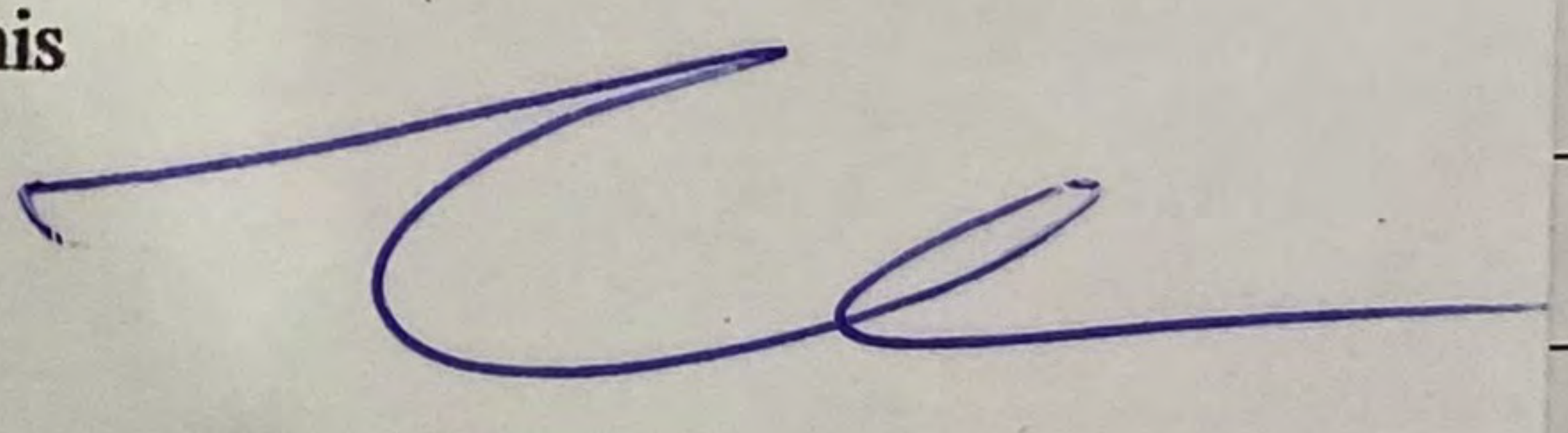
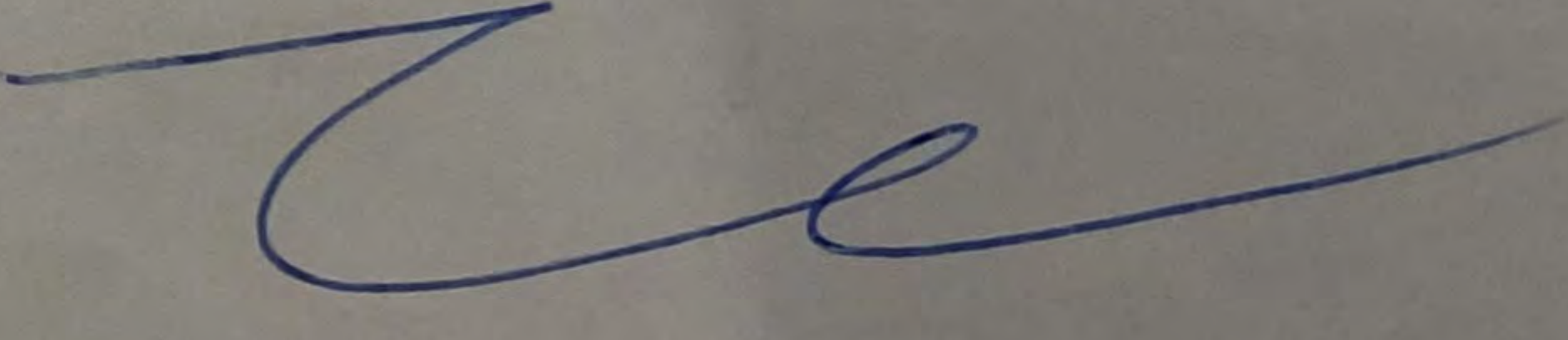
I certify that this aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition.

  
William A. Hughes 076308128 A&P, IA

**SUB-TOTAL** this page

**TOTAL**—Carry forward to next page



| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 8/2/10  | 2494.48               | 2494.48                      | test flow 10/w FAR 91.107(b). OK RTS J 2778937                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         |                       |                              | <p>N7582V 8/26/2010 TACH2501.27</p> <p>Replaced noise tire tube with a new 5.00-5. ops check good<br/>-END-</p> <p></p> <p>Daniel A Deskins<br/>AP3515667</p>                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         |                       |                              | <p>N7582V 9/10/2010 TACH 2506.23</p> <p>Replaced fin cap with a new. Light reinstalled. cap was painted. Ops check good-END-</p> <p></p> <p>Daniel A Deskins<br/>AP3515667</p>                                                                                                                                                                                                                                                                                                                                                                                                |
|         |                       |                              | <p>N7582V 2/17/11 TACH 2520.53</p> <p>Aircraft Log</p> <p>Installed engine on N7582V after overhaul by Magnum Performance w.o. 122. Installed Sky-Tec 149NL starter, and AL12-F60 alternator. Replaced cam and roller on throttle switch for gear warning system, adjusted as needed. Ground run and leak check good. Updated weight and balance. Gave owner a copy of break-in procedures. Test flight required in accordance with far 91.407.</p> <p>Useful Load 984.85<br/>EW 1815.15<br/>EWCG 103.74<br/>-END-</p> <p>Thomas R. VanVoorhis<br/>AP288685867</p> <p></p> |
| 2/13/11 | 2520.53               |                              | <p>Test flight completed per FAR 91.407. Aircraft performed satisfactorily, approved for return to service J 2778937</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         |                       |                              | <p>N7582V 11MAR11</p> <p>Used butt splice to repair landing gear up and, down and locked lights. Adjusted micro switch on throttle for gear warning horn. Operational check was satisfactory with aircraft on jacks. Test flight required as per FAR 91.407. -END-</p> <p></p>                                                                                                                                                                                                                                                                                              |
|         |                       |                              | <p>SUB-TOTAL</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|         |                       |                              | <p>TOTAL</p> <p>Thomas R. Van Vooorhis<br/>AP3560430</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



TOTAL







Altimeter Scale Correct  
W.O. # 7362  
Date 5-1-12

| Reference Altitude in feet | Altitude Reads |
|----------------------------|----------------|
| -1000                      | +5             |
| 0                          | 0              |
| 500                        | +10            |
| 1000                       | +5             |
| 1500                       | +15            |
| 2000                       | +20            |
| 3000                       | +10            |
| 4000                       | +10            |
| 6000                       | -10            |
| 8000                       | -20            |
| 10000                      | -40            |
| 12000                      | -60            |

Mac-Michael Avionics Inc

Altimeter Scale Correction Card MMA-011 Form  
W.O. # 7326  
Date 5-1-12  
Altitude S/N G665  
Altitude P/N 59341-1

| Reference Altitude in feet | Altitude Reads | Reference Altitude in feet | Altitude Reads |
|----------------------------|----------------|----------------------------|----------------|
| -1000                      | -15            | 14000                      | -50            |
| 0                          | -5             | 16000                      | -65            |
| 500                        | -5             | 18000                      | -50            |
| 1000                       | -5             | 20000                      |                |
| 1500                       | -5             | 22000                      |                |
| 2000                       | -5             | 25000                      |                |
| 3000                       | -30            | 30000                      |                |
| 4000                       | -30            | 35000                      |                |
| 6000                       | -30            | 40000                      |                |
| 8000                       | -50            | 45000                      |                |
| 10000                      | -60            | 50000                      |                |
| 12000                      | -60            |                            |                |

Mac-Michael Avionics Inc

CRS # GY5R900M

Delaware, Ohio

Mac-Michael Avionics Inc.  
GY5R900M  
Delaware, Ohio 43015

Form MMA-10

Mac-Michael Avionics Inc.  
GY5R900M  
Delaware, Ohio 43015

Form MMA-10

I certify that the Transponder check has been performed and meets the requirements of Part 43 Appendix F

Model AT150

S/N 44195

Date 5-1-12

Signed William H. G. G. G.

Mac-Michael Avionics Inc.

CRS # GY5R900M

I certify that the Encoding system check has been performed And meets the requirements of Part 43 Appendix E ( c ).

Model 530-120 S/N A592011

Date 5-1-12

Signed William H. G. G. G.

Mac-Michael Avionics Inc.

CRS # GY5R900M

MMA-009 Form

SUB-TOTAL this page

TOTAL—Carry forward to next page



DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

N7582V 10/19/12 TACH 2641.65 AFTT 2641.65  
Performed an annual/ 100 hour inspection on this aircraft iaw  
far 43 appendix d. Complied with AD11-10-09, far 91.207  
next battery 10/2014, and SEB-27-01. Lubed flight controls,  
serviced tires and wheel bearings, serviced battery and  
hydraulics. Replaced brake disc, pads and tire on right gear.  
Replaced flaps circuit breaker, left nav bulb, and cleaned  
connection at left strobe. Replaced upper section of fuel  
strainer. Performed gear swings and emergency extension –  
normal. Ground run and leak check good at this time. I certify  
that this aircraft has been inspected in accordance with an  
annual/ 100 hour inspection and determined to be in an  
airworthy condition.-END-

Harold S. Young  
AP2666737IA

N7582V 22FEB13 TACH 2660.44  
Replaced old INSIGHT GEM unit and replaced with a new G2 unit  
P/N 610C-001 S/N 20118. Operational check performed with  
satisfactory results at this time.-END-

Thomas R. Van Voorhis  
AP3560430

4-24-13

Removed ARC 4507A, DIRECTORIAL Gyro ARM Century NS0360  
HSTO Installed ASPEN AVIONICS EPD1000 PAD. STATIC  
System leak checked per FAR 23.1325(2)(i). SYSTEM  
installed per AML-STC SA10822-SC. Flight test  
performed and found satisfactory. See FAA FORM 337  
dated this date for details

William L. Van Voorhis

NAC-MICHAEL AVONICS IN

G&S 800M

New A/c Empty Weight 1812.35 lbs

New A/c Empty Moment 188163.1 in/lbs

New A/c Empty CoG 103.82 in

New A/c Useful Load 987.65 lbs

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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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**Altimeter**

Make ASPEN

Model EF01000 S/N 12503

Test required by FAR 91.411 performed and meets the requirements of FAR 43 Appendix E.

Signed William Lee Caldwell

Under Work Order No. 7573

Altimeter tested to 20,000 feet on

Date 5-19-14 performed static system test as

Required by Part 23.1325(2)(i) or (ii).

Date 5-19-14

Signed William Lee Caldwell

Mac-Michael Avionics Inc.

GY5R900M

Delaware, Ohio 43015

Form MMA-10

**Altimeter**

Make United

Model 5934P-3 S/N 440800

Test required by FAR 91.411 performed and meets the requirements of FAR 43 Appendix E.

Signed William Lee Caldwell

Under Work Order No. 7573

Altimeter tested to 20,000 feet on

Date 5-19-14 performed static system test as

required by Part 23.1325(2)(i) or (ii).

Date 5-19-14

Signed William Lee Caldwell

Mac-Michael Avionics Inc.

GY5R900M

Delaware, Ohio 43015

Form MMA-10

Transponder test required by FAR 91.413 has been complied with and meets the requirements of Part 43 Appendix F.

Model AT150

S/N 44195

Date 5-19-14

Signed William Lee Caldwell

Mac-Michael Avionics Inc.

CRS # GY5R900M

Encoding system test required by FAR 91.413 has been complied with and meets the requirements of Part 43 Appendix E (c).

Model SS0-120 S/N AS8211

Date 5-19-14

Signed William Lee Caldwell

Mac-Michael Avionics Inc.

CRS # GY5R900M

**MMA-009 Form**

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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                                                                                                                          |
|----------------------------------|-----------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  |                       |                              | TOTAL brought forward from previous page                                                                                                                                                                         |
| 6-16-14                          |                       |                              | Removed United 5934P-1 s/w Gr665 Actuator from Copilot's Panel. Static system performed and complies with the provisions of FAR 23.1325(i)(i).<br><br>William E. Gault<br>MAC-MICHAEL ADVISORS INC.<br>GYSR 900M |
| 6-16-14                          |                       |                              | Tested and Inspected Aspen EFD 1000 PRO and found it to comply with the provisions of ASPEN IGA Document # 900-00012-001 Rev. T<br><br>William E. Gault<br>MAC-MICHAEL ADVISORS<br>GYSR 900M                     |
| New A/c Empty Weight             |                       | 1811.25 lbs                  |                                                                                                                                                                                                                  |
| New A/c Empty G.W.               |                       | 103.95 lbs                   |                                                                                                                                                                                                                  |
| New A/c Empty Moment             |                       | 188246.7 in/lbs              |                                                                                                                                                                                                                  |
| New A/c Useful Load              |                       | 988.75 lbs                   |                                                                                                                                                                                                                  |
| SUB-TOTAL this page              |                       |                              |                                                                                                                                                                                                                  |
| TOTAL—Carry forward to next page |                       |                              |                                                                                                                                                                                                                  |



| 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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| <p>Transponder test required by FAR 91.413 has been complied with and meets the requirements of Part 43 Appendix F</p> <p>Model <u>AT150</u><br/> S/N <u>44195</u><br/> Date <u>12-4-14</u><br/> Signed <u>Yelena Zerkova</u><br/> Mac-Michael Avionics Inc.<br/> CRS # GY5R900M</p>            |                       |                              |                                                                                                                                                                                                                                          |
| <p>Encoding system test required by FAR 91.413 has been complied with and meets the requirements of Part 43 Appendix E ( c ).</p> <p>Model <u>SSD-120</u> S/N <u>SAU18655</u><br/> Date <u>12-4-14</u><br/> Signed <u>Yelena Zerkova</u><br/> Mac-Michael Avionics Inc.<br/> CRS # GY5R900M</p> |                       |                              |                                                                                                                                                                                                                                          |
| MMA-009 Form                                                                                                                                                                                                                                                                                    |                       |                              |                                                                                                                                                                                                                                          |
| 12-4-14                                                                                                                                                                                                                                                                                         |                       |                              | <p>Removed TGI SSD120-XXA installed TGI SSD120-300-R5237. Installed GARMIN GDL88 ADS-B UAT TRANSMITTER system. See FAA FORM 337 dated this date for details</p> <p><u>Yelena Zerkova</u><br/> MAC-MICHAEL AVIONICS INC<br/> GY5R900M</p> |
| New A/c Empty Weight                                                                                                                                                                                                                                                                            |                       | 1816.23 lbs                  |                                                                                                                                                                                                                                          |
| New A/c Empty C.G.                                                                                                                                                                                                                                                                              |                       | 104.08 in                    |                                                                                                                                                                                                                                          |
| New A/c Empty Moment                                                                                                                                                                                                                                                                            |                       | 189067 in/lbs                |                                                                                                                                                                                                                                          |
| New A/c Useful Load                                                                                                                                                                                                                                                                             |                       | 983.77 lbs                   |                                                                                                                                                                                                                                          |
| SUB-TOTAL this page                                                                                                                                                                                                                                                                             |                       |                              |                                                                                                                                                                                                                                          |
| TOTAL—Carry forward to next page                                                                                                                                                                                                                                                                |                       |                              |                                                                                                                                                                                                                                          |

1025 Pittsburgh Dr. Ste. N7  
Delaware, Ohio 43015  
740-369-6424  
FAX 740-369-6435

DATE: 12-4-2014  
REG: N7582V  
TACH: 2776.00

#### AIRCRAFT LOG BOOK ENTRY

- R&R Aircraft Battery, cleaned connectors and installed new Gill, sealed battery p/n 7035-28, s/n G02856902. Battery warranty registered online this date.

-----END----- Thomas H. Beougher A&P3203027

Thomas H. Beougher



| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         |                       |                              | N7582V 1/16/15 TACH 2778.17 AFTT 2778.17<br>Performed an annual/ 100 hour inspection on this aircraft iaw far 43 appendix d. Complied with AD11-10-09, far 91.207 next battery 10/2016. Replaced seals in fuel selector. Secured mount hardware at stabilator, secured hardware at shimmy dampener. Lubed flight controls, serviced tires and wheel bearings, serviced battery and hydraulics. Performed gear swings and emergency extension – normal. Ground run and leak check good at this time. I certify that this aircraft has been inspected in accordance with an annual/ 100 hour inspection and determined to be in an airworthy condition.-END- |
|         |                       |                              | Harold S. Young<br>AP2666737IA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1/17/15 | 2778.17               |                              | Test flight satisfactory. Approve Return to Service<br>MARK Klebanoff J Private Pilot 2778937                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|         |                       |                              | N7582V TACH 2827.60 12/10/2015<br>Replaced landing gear hydraulic switch p/n 9880710-1. Ops and leak check good at this time.<br>-END-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|         |                       |                              | Paul K. Ryan<br>AP3710271                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|         |                       |                              | N7582V 1/5/16 TACH 2830.67 AFTT 2830.67<br>Performed an annual/ 100 hour inspection on this aircraft iaw far 43 appendix d. Complied with AD11-10-09, far 91.207 next battery 10/2016. Cleaned ground for ems, cleaned tubing for manifold pressure. Lubed flight controls, serviced tires and wheel bearings, serviced battery and hydraulics. Performed gear swings and emergency extension – normal. Ground run and leak check good at this time. I certify that this aircraft has been inspected in accordance with an annual/ 100 hour inspection and determined to be in an airworthy condition.-END-                                                |
|         |                       |                              | Harold S. Young<br>AP2666737IA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         |                       |                              | SUB-TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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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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### Altimeter

Make ASPAW

Model EFD 1008 PRO S/N 12503

Test required by FAR 91.411 performed and meets the requirements of FAR 43 Appendix E.

Signed William M. Michael

Under Work Order No. 7861

Altimeter tested to 20,000 feet on

Date 7-26-18 performed static system test as required by Part 23.1325(2)(i) or (ii).

Date 7-26-18

Signed William M. Michael

Mac-Michael Avionics Inc.

GY5R900M

Delaware, Ohio 43015

Form MMA-10

### Altimeter

Make WASP

Model 5934 P-3 S/N 440900

Test required by FAR 91.411 performed and meets the requirements of FAR 43 Appendix E.

Signed William M. Michael

Under Work Order No. 7861

Altimeter tested to 20,000 feet on

Date 7-26-18 performed static system test as

Required by Part 23.1325(2)(i) or (ii).

Date 7-26-18

Signed William M. Michael

Mac-Michael Avionics Inc.

GY5R900M

Delaware, Ohio 43015

Form MMA-10

Transponder test required by FAR 91.413 has been complied with and meets the requirements of Part 43 Appendix F.

Model AT150

S/N 44195

Date 7-26-18

Signed William M. Michael

Mac-Michael Avionics Inc.

CRS # GY5R900M

Encoding system test required by FAR 91.413 has been complied with and meets the requirements of Part 43 Appendix E (c).

Model 55A-124 S/N SRN18655

Date 7-26-18

Signed William M. Michael

Mac-Michael Avionics Inc.

CRS # GY5R900M

### MMA-009 Form

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N7582V 2/8/19 TACH 3005.41 AFTT 3005.41  
Performed an annual/ 100 hour inspection on this aircraft iaw far 43 appendix d. Complied with AD11-10-09, far 91.207 next battery 10/2020. Lubed flight controls, serviced tires and wheel bearings, serviced battery and hydraulics. Performed gear swings and emergency extension – normal. Replaced bearings and bolts that attach stabilator to empennage. Ground run and leak check good at this time. I certify that this aircraft has been inspected in accordance with an annual/ 100 hour inspection and determined to be in an airworthy condition -

END-

Harold S. Young  
AP26667371A



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