



**AIRFRAME MAINTENANCE RECORD**

AIRCRAFT SERIAL AND REGISTRATION C177RG 1017 NI77BS

RECORD NUMBER LOG Book #3

MAINTENANCE RECORD

New Log Book 06-06-2007-

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2007 <del>06/06/07</del>				
06/06/07	TACH 2261.	44	100 HR INSPECTION COMPLETED THIS DATE AS PER CESSNA INSPECTION SHEET. CHECKED WING + TAIL ATTACH POINTS. CHECKED CABLES, CONTROLS, SPEED BRAKES, MAIN GEAR RETRACT + EMERGENCY CUT, REPLACED NOSE GEAR RUBBER BUMPER - AD'S CHECKED - INSTALLED NEW ECT BATTERIES. SERVICED HYD PACK	<i>[Signature]</i> AP2207249
06/06/07	2261.	44	Date <u>06/06/07</u> Total Aircraft Time <u>2261.44</u> I certify this Aircraft / Engine has been inspected in accordance with a 100 hour / Annual inspection and was determined to be in airworthy condition.	
			Signature <u><i>[Signature]</i></u> 1A2207249AP	

# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2007 19 6-17	2262	5	Replaced Battery with New GILL 35 # G02215645	Jimmy Honeycutt Owner
08/05/07	2278	5	Removed <del>STARTER</del> AND REPLACED with A SKY TEC STARTER 149NL SN FN-280737 PER FAA-PMA PQ852SW. Removed ALTERNATOR and Replaced with PLANE-POWER ALTERNATOR PER FAA-PMA INSTRUCTION SHEET MODEL NO AL12-F10 <del>SN 2F73337</del> SN 2F73337. Removed ZETRONICS VOLTAGE REGULATOR AND INSTALLED ZETRONICS REPLACEMENT R1500A SN 114186. A/C RUN UP ALL SYSTEMS OK NORMAL. See WT+BAL Change. Replaced CESSNA SWITCH-S1994-1-1. OPS OK NORMAL.	ATP#1389747
				Jimmy R. [Signature] ATP2207249

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2007 19  8/6/07			Removed the GNS-430 GPS Unit #96301591 and returned it to Garmin for WAAS Upgrade. Upon unit's return reinstalled in the AIC GNS-430W # 96301591 and also installed new AT-575-93GW GPS Ant # 22192. The complete system was checked in accordance with 400W Series Installation Manual # 190-00357-02 Nov 2006 Rev B. Ground tests showed the unit to work in accordance with Garmin spec's. <i>A. [Signature]</i> #287629184	

# MAINTENANCE RECORD

DATE  
19\_\_  
TOTAL TIME  
IN SERVICE  
HOURS 10ths

DESCRIPTION OF THE WORK PERFORMED

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

N177BS  
Date: 9/14/07  
REPLACED #2 EXHAUST PUSH ROD PART# 155F199-58 AND TUBE IAW  
DIRECT DRIVE OVERHAUL MANUAL SET DRY TAPPET CLEARANCE



SN177RG1017  
Hobbs: 2300

Pertinent Details of  
this repair are on

file under work # 16376  
signed *[Signature]*  
Vee Neal Aviation, Inc.  
148 Aviation Lane, Suite 109  
Latrobe, PA 15650  
FAA Repair Station GY1R183K

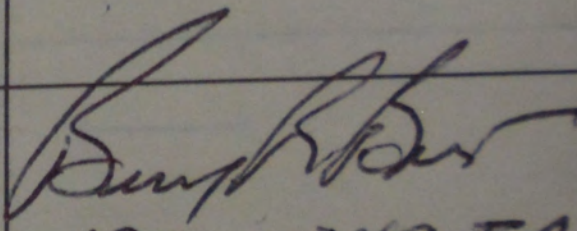
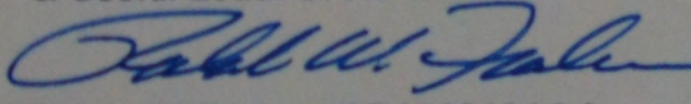
# MAINTENANCE RECORD

DATE  
2006  
TOTAL TIME  
IN SERVICE  
HOURS 10ths

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2008 5-2-08			Replace RH STROBE POWER SUPPLY with AEROFASH C 62208-0101. Due to IWOP.	<i>[Signature]</i> AP 2207249
07/17/08			100 HR inspection completed this DATE: Checked wing/TAIL ATTACH POINTS, CABLES etc. Check Gear RETRACT/Normal + Emergency. All OK OK. OK Tires/wheels/BRAKES. Replaced NOSE GEAR Ribbon Bumper. Chkd BATTERY, ityp AD OK OK See sheet.	<i>[Signature]</i> AP 2207249
07/17/08			Date <u>07/17/08</u> Total Aircraft Time <u>2320.53</u> I certify this Aircraft / Engine has been inspected in accordance with a <del>100</del> hour / Annual inspection and was determined to be in airworthy condition.	—
			Signature <u><i>[Signature]</i></u> 1A2207249 AP	—

### MAINTENANCE RECORD

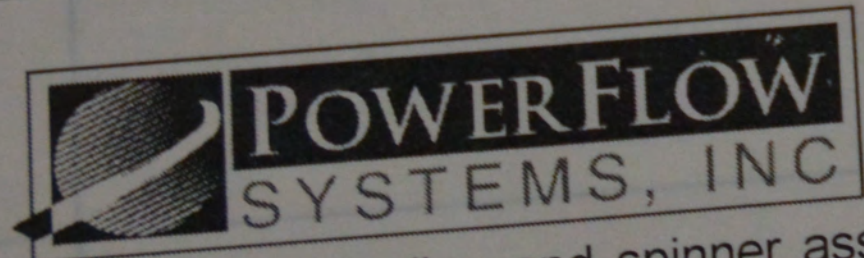
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2008 19  08/11/08			INSTALLED LOWER TAIL CONE FAIRING MOD AS PER INSTRUCTION MANUAL WITH KIT. THIS PER CERTIFICATE OF CONFORMITY FROM CANADA AND FROM FAA 337 FIELD APPROVAL DATED (08-04-2008) (08-11-2008) NEGLIGIBLE WT & BAL CHANGE. PART # TEL-002A SN-C120698	 AP2207249 IA
3/14/09			<div style="border: 1px solid black; padding: 5px;"> <p style="margin: 0;">Cessna 177RGG                      N177BS                      s/n 177RG1017</p> <p style="margin: 0;">3/14/09                              TACH READS: 2342.6                      TTIS AF: 2342.6</p> <p style="margin: 0;">Aircraft was weighed this date and new Weight &amp; Balance data entered into the permanent aircraft records. New EW: 1922.0 lbs., EWCG: 104.1, &amp; Useful Load: 878.0 lbs.</p> <p style="margin: 0;"> Ralph W. Fadner AP1560191 I.A.</p> </div>	
3/19/09	2342.6		Replaced Battery with new Gill 35 Serial # G02320.282	Jeff Honeycutt Owner ATP 1589747

# MAINTENANCE RECORD

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

DATE 2009 19	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED
	HOURS	10ths	
5/1/09			Removed KH-85ADF System. Installed RC Allen RCA -2600 series Electric Digital Horizon and ESP Emergency Standby Power. All work was done IAW KMC publications No #1401/1402 and AC 43.13 1A/2B. Ground tested the system for normal operation A/Engl #287621984

Date: June 26, 2009.  
S/N: 177RG1017



N177BS  
C-177RG  
Tach Time: 2357.42 hrs


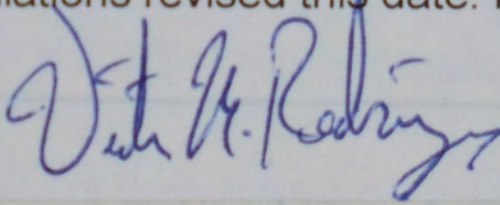
Inspected propeller, and spinner assembly, propeller bolts were safety. Dynamic prop balance was performed using Dynamic Solutions Systems, Inc. Micro Vib II Vibration Analyzer/Dynamic Balancer, with a vibration level of 0.071 in/sec. This is under the recommended max limit of 0.2 in/sec, no changes to the original configuration were made. See accompanying Microbase System Balance History Sheet/Plot with this date.

Victor M. Rodriguez  
2756264 A&P, I.A.

*Victor M. Rodriguez*

6-26-09

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	19__	HOURS		
6-26-09			<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  <p><b>POWERFLOW</b> SYSTEMS, INC</p> </div> <div style="text-align: left;"> <p>N177BS C-177RG Tach Time: 2357.42 hrs</p> </div> <div style="text-align: right;"> <p>Date: June 26, 2009. S/N: 177RG1017</p> </div> </div> <p>Cessna 177RG stock exhaust system removed. Installed Power Flow Systems, Inc tuned exhaust system, p/n PFS-13706, s/n 033, in accordance with STC# SA03623AT and Installation Instructions report # PFS-13752-00, Rev C, dated 05-15-2009.</p> <p>Engine Ground run-up performed, no defects noted during run-up and after shutdown inspection.</p> <p>Weight and Balance calculations revised this date. Form 337 filed this date.</p> <p>Victor M. Rodriguez 2756264 A&amp;P, I.A.</p> <div style="text-align: center; margin-top: 10px;">  </div>	

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2009 <del>10</del> 09/ 01/ 09	2383.00		<p>100 HR INSPECTION COMPLETED THIS DATE:                      Checked wing, TAIL, ATTACH POINTS LUBED pulleys                      CK cables. Landing gear check RETRACT/NORMAL + Emergency.                      CK Tires, Brakes, HYD, BATTERY, AD's checked - see sheet.                      EXHAUST SYSTEM checked.</p> <p style="text-align: right;"><i>Ben R. Burt</i> AP 2207249</p>	
09/ 01/ 09			<p>Date <u>09/01/09</u> Total Aircraft Time <u>2383.00</u></p> <p>I certify this Aircraft / Engine has been inspected                      in accordance with a 100 Hour / Annual inspection                      and was determined to be in airworthy condition.</p> <p>Signature <u><i>Ben R. Burt</i></u>                      1A2207249 AP</p>	

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2009 9/1/09			Removed existing ACK-10 EBT System and installed new Arflex 406MHz EBT System. All work was done IAW AC4313.2B and Arflex installation manual part # 570-1600 Rev. G, May 2008. Ramp checked the system for normal operation. No change in AC's weight and balance. <div style="text-align: right; margin-top: 10px;"> <i>[Signature]</i>  <small>287604</small> </div>	

**I CERTIFY THAT ALTIMETERS & STATIC SYSTEM TEST REQUIRED BY F.A.R. 91.411 HAVE BEEN PERFORMED. STATIC SYSTEM TEST DATE:**  
 PILOT'S ALTIMETER SN 8585 TEST DATE: 9/1/09 COPILOT'S ALTIMETER  
 SN NA TEST DATE: NA

**I CERTIFY THAT ATC TRANSPONDER TEST AND INSPECTION REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED NO. 1 SN 8350548**  
 TEST DATE 9/1/09 NO. 2 SN NA TEST DATE: NA

This Aircraft was repaired and inspected in accordance with current FAA regulations and is approved for return to service with respect to the work performed. Details are on file under work order  
 Date: 9/1/09

Signed *[Signature]*



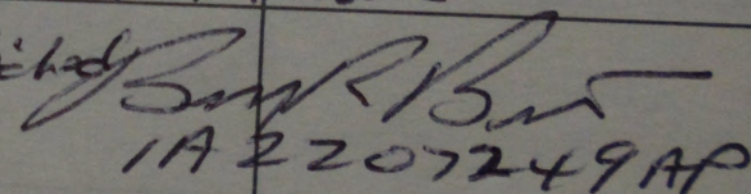
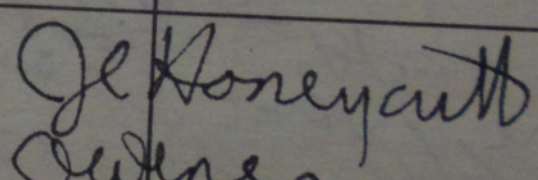
REQUIRED BY... NO. 2 SN NA TEST DATE  
 This Aircraft was repaired and inspected in accordance with current FAA regulations and is approved for return to service with respect to the work performed. Details are on file under work order.  
 Date: 9/1/09 Signed *[Signature]*

RHM38W  
 FAA-PMA  
 21-40-190

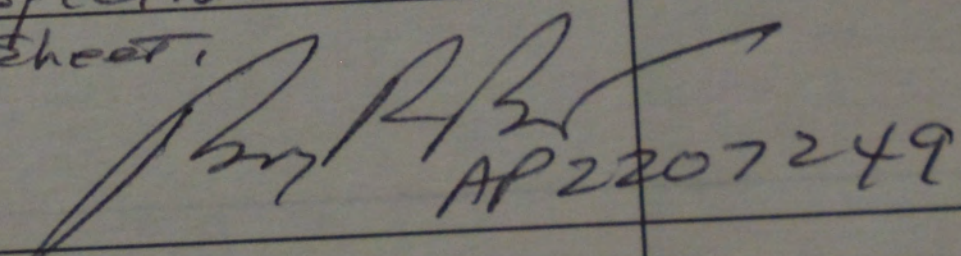
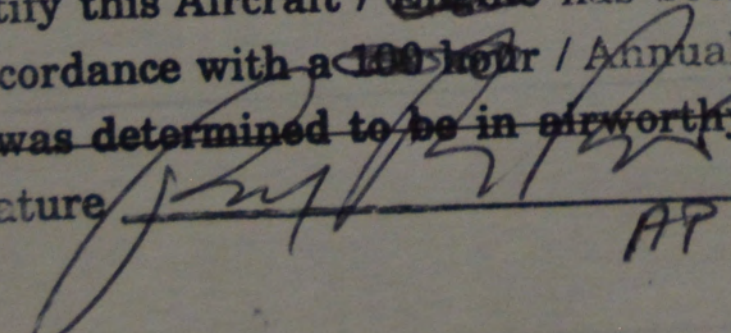
MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2009 10/27/09	2392	44	Removed BRACKETT AIR FILTER ASSEMBLY AND INSTALLED CHALLENGER AVIATION PRODUCTS AIR FILTER ASSEMBLY PER STC SA1669TH. INSTALLATION PER INSTRUCTION SHEET # 0402, SEE 337	<i>[Signature]</i> IA 2207249AP
2010 10/01/10	2427	5	100 HR INSPECTION COMPLETED THIS DATE. CHECKED GEAR, WINGS, TAIL, CONTROLS WHEELS & BRAKES. INSTALLED CESSNA SIC-KIT SK210-175 FOR RIGHT SEAT. OIL & FILTER CHANGED. 100 HR INSPECTION ON PWR FLO EXHAUST. AD'S CHECK SEE SHEET.	<i>[Signature]</i> AP 2207249
Date <u>10-01-10</u> Total Aircraft Time <u>2427.5</u> I certify this Aircraft / Engine has been inspected in accordance with a 100-hour / Annual inspection and was determined to be in airworthy condition. Signature <i>[Signature]</i> IA 2207249AP				

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2010 11/04/10	2427.5		Removed Nose gear Door ATTACH BOLT + Replaced it with Ball-LOK pin. Removed Cowl FLAP BOLT + Replaced with BALL-LOK PIN LEFT + RIGHT SIDE THIS CHANGE PER 337 Field Approval THIS DATE; GEAR RETRACT + Cowl FLAP OPERATION NORMAL. NO WT + BAL CHNGE. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ATTACHED TO -337	 IA 2207249AF
11/19/10	2427.5		Replace Battery with GILL 35 Battery Serial # 602534491	 Owner ATP#1389747


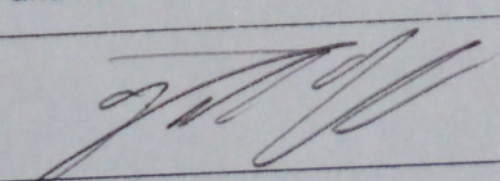
### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2011 11/09/2011	24	59.6	<p>100 HR INSPECTION Completed this DATE:                      Checked wing + TAIL ATTACHPOINTS wheel pylons                      cables, ck of gear RETRACT + Emergency Extnd, wheels                      &amp; Brakes (w) AD 2011-10-09 INSPECTION - DOC AT 2559.6                      OTHER AD'S CK THRU 2011-10 - See Sheet.</p>	 AP 2207249
			<p>Date <u>11-09-2011</u> Total Aircraft Time <u>2459.6</u></p> <p>I certify this Aircraft / <del>Engine</del> has been inspected                      in accordance with a 100 hour / Annual inspection                      and was determined to be in airworthy condition.</p> <p>Signature  AP 2207249 IA</p>	

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__			<p style="text-align: center;"><i>Gardner Aviation</i> #G3SR222J</p> <p><b>I CERTIFY THAT ALTIMETERS &amp; STATIC SYSTEM TEST REQUIRED BY F.A.R. 91.411 HAVE BEEN PERFORMED. STATIC SYSTEM TEST DATE: _____ PILOT'S ALTIMETER SN 8585 TEST DATE: 11/1/2011 COPILOT'S ALTIMETER SN _____ TEST DATE: _____</b></p> <p style="text-align: right;"><i>Garnum GTX-330</i></p> <p><b>I CERTIFY THAT ATC TRANSPONDER TEST AND INSPECTION REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED NO. 1 SN 8350545 TEST DATE 11/1/2011 NO. 2 SN _____ TEST DATE: _____</b></p> <p><i>This Aircraft was repaired and inspected in accordance with current FAA regulations and is approved for return to service with respect to the work performed. Details are on file under work order.</i></p> <p>Date: 11/1/2011 Signed <i>[Signature]</i> WO# 1101201</p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 <i>01/27/2012</i>	2963	17	<p>CHANGED ENGINE OIL REPLACED 7 QUARTS AEROSHELL W100 REPLACED FILTER TEMPEST AA48110-2 WITH CH48110</p>	<p><i>Ryn Newcomer</i> A-PENDING</p>
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="font-size: small;"> <p>MAKE: Cessna MODEL: 177rg S/N: 177RG1017 REG. NO: 177BS WORK ORDER: 5838</p> </div> <div style="text-align: center;">  <p><b>Tennessee Aircraft Services, Inc.</b> 2313 Technology Center Drive Jackson, TN 38301 Phone: 731-424-7227</p> </div> <div style="font-size: x-small;"> <p>DATE: 08 May, 2012 A/C TSN: TACH: 2485.83</p> </div> </div>				
<p><b>Airframe Entries</b></p> <ul style="list-style-type: none"> <li>· Repaired left fuel tank by removing drain valve mount and cleaning interior of tank in the drain area. Applied CS3204B sealant in the drain area, up the vertical intersect of the aft tank spar and the inboard rig, and along the intersection of the lower skin and the inboard tank rib. Riveted the drain mount in place with wet sealant. Reinstalled the fuel tank access panel using CS3330 low adhesion sealant. After proper curing time, fuel was added to the tank and leak checked satisfactory</li> <li>· Installed new nose gear door forward rod fork p/n MS21253-3RS and adjusted link for proper nose door close position.</li> <li>· Work performed by Doug Kail, David Carter, and Paul New.</li> </ul>				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: small;">DATE: 08 May 2012</div> <div style="font-size: small;">SIGNED: </div> <div style="font-size: small;">Work Order: 5838</div> </div> <p style="font-size: x-small; text-align: center;">Printed by EBis 3 (datcomedia.com)</p>				
5-19 <i>2012</i>	2488	36	<p>Change Engine Oil 7 QTS Aeroshell W100 New Oil Filter Tempest AA48110-2</p>	<p><i>J. Honeycutt</i> Owner ATIP 1389747</p>

577-7814  
246-877

### MAINTENANCE RECORD

DATE 2012 19	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
05/26/2012	2488.36		removed PN# 505066-1 and installed with PN# 505066-5 Nose tire. Tire installed air, wheel, brake service corporation recap. Installed new tube	<i>[Signature]</i> A/P Pending
10/3/2012	2493.9		AIRCRAFT IS IN MARKET SURVEY CATEGORY - <i>[Signature]</i>	
10/11/12				

I find that the aircraft meets the requirements for the certification requested and have issued an experimental R&D, Market Survey Airworthiness Certificate dated 10/11/2012. The next Inspection is due 04/11/2013.

*Raymond Howell*

Raymond Howell  
DARF-511236-CE

MAINTENANCE RECORD

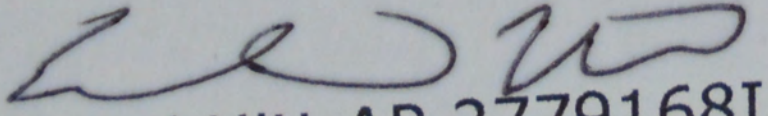
AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

DATE	TOTAL TIME IN SERVICE	
	HOURS	10ths
19__		

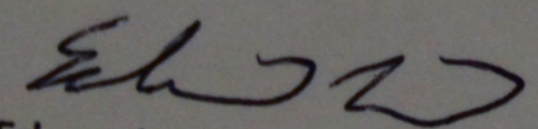


N 177BS      Engine  
October 15, 2012  
Tach 2493.9

Installation of replacement cowling, larger oil cooler, baffles and induction in accordance with FAA project # ST01585AK-A LoPresti Speed Merchants Master drawing List # 53. Weight and balance updated to reflect changes.

  
Edward Hitt AP 2779168IA

### MAINTENANCE RECORD

DATE 2013 19	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
3/ 29			N 177BS  Tach: 2513   <p style="text-align: center; margin-top: 20px;">I certify that this aircraft has been inspected on March 29, 2013, in accordance with the scope and detail of 14 CFR Part 43 or other FAA approved programs and was found to be in a condition for safe operation.</p> <div style="text-align: center; margin-top: 20px;">                           Edward Hitt AP 2779168IA                     </div>	

*Eh Hitt*  
Edward Hitt AP 2779168IA

### MAINTENANCE RECORD

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

DESCRIPTION OF THE WORK PERFORMED

DATE	TOTAL TIME IN SERVICE	
	HOURS	10ths
19__		

I find that the aircraft meets the requirements for the certification requested and have issued an experimental R&D, Market Survey Airworthiness Certificate dated 4/2/2013. The next inspection is due 07/02/2013.

*Raymond Howell*  
Raymond Howell  
DARF-511236-CE

*END*



### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__				

**AIRCRAFT LOG ENTRY**

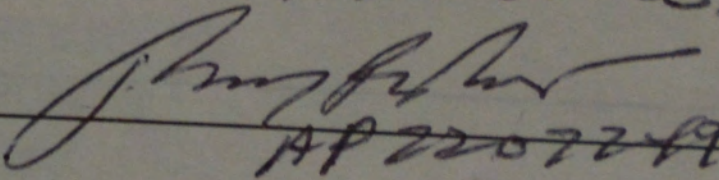
06-15-13 CESSNA C177RG S/N 1017 N177BS TACH TIME 2513.0  
 PERFORMED ANNUAL INSPECTION IAW FAR 43 APP (d). REPLACED ALL 4 EGT PROBES, LT AND RT FUEL DRAINS AND AIRCRAFT BATTERY . INSTALLED MISSING NUT ON ALTERNATOR MOUNTING BOLT . LUBED FLIGHT CONTROLS, GREASED WHEEL BEARINGS AND PERFORMED GEAR RETRACTION AND EXTENSION. WEIGHED FIRE EXTINGUISHER. CW AD 2011-10-9 SEAT TRACKS AND ROLLERS BY MEASUREMENT AND INSPECTION I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.  
 Steven J VanAntwerp AP 3365172 IA

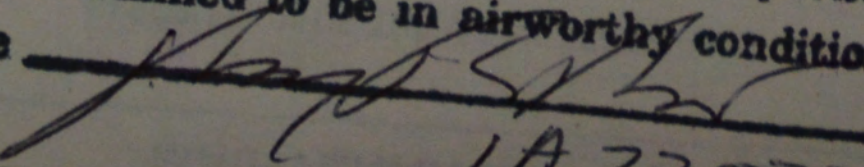


### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2014 Dec 1	25	24	<p>100 HR INSPECTION COMPLETED THIS DATE:                      CHECKED MAIN TAIL ATTACH POINTS, WHEELS, BRAVES,                      GEAR RETRACT. ALL CHECK OK FOR SVC.</p>	<p><i>[Signature]</i>                      IA 2207289AP</p>
2014 Dec 6			<p>I CERTIFY THAT THIS A/C HAS BEEN INSPECTED                      IN ACCORDANCE WITH AN ANNUAL INSPECTION + HAS                      BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.                      END</p>	<p><i>[Signature]</i>                      IA 2207289AP</p>

### MAINTENANCE RECORD

DATE 2016 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
01/14/2016	2527		100 HR INSPECTION COMPLETE THIS DATE AS PER CESSNA INSPECTION SHEET. AD'S OK'ed.  <div style="text-align: right;">                       IA 2207249                 </div>	

Date 01/14/16 Total Aircraft Time 2527  
 I certify this Aircraft / Engine has been inspected  
 in accordance with a 100-hour / Annual inspection  
 and was determined to be in airworthy condition.  
 Signature   
 IA 2207249

See sheet FWD of pages  
mm

See sheet FWD of pages  
1A 22072491P

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__				

I CERTIFY THAT THE ALTIMETER/ADC AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43 APPENDIX E.

#1 MODEL 8140B-35 #1 S/N 9455  
 #2 MODEL \_\_\_\_\_ #2 S/N \_\_\_\_\_  
 #3 MODEL \_\_\_\_\_ #3 S/N \_\_\_\_\_

DATE 25, OCT. 2016 WO# 5764

SIGNED: [Signature]  
 Rendrag Aviation, LLC. Thomaston, GA 30286 CRS#2RGR099C

I CERTIFY THAT THE ATC TRANSPONDER TESTS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43 APPENDIX F.

#1 MODEL GTX 330 #1 S/N 84107267  
 #2 MODEL \_\_\_\_\_ #2 S/N \_\_\_\_\_

DATE 26, OCT. 2016 WO# 5764

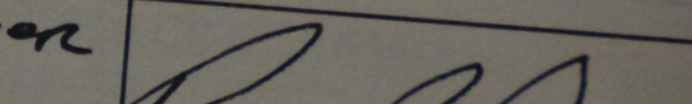
SIGNED: [Signature]  
 Rendrag Aviation, LLC. Thomaston, GA 30286 CRS#2RGR099C

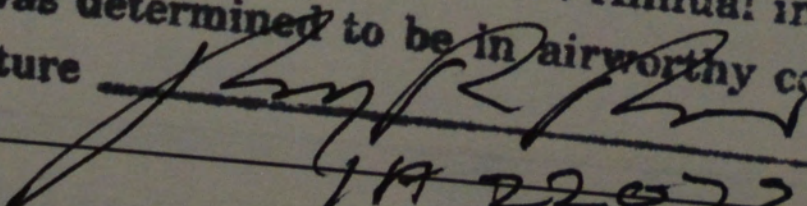
LOG ID# 344 21-November-2016  
 N177BS S/N 177RG1017 CESSNA 177RG

REMOVED AND REPLACED BAD VACUUM PUMP. RAMP CHECKED SYSTEM GOOD.

Signed [Signature] 21 Nov. 2016  
 A&P303195 DAVID L. GARDNER Date

# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
10/17/19				
03/29/17	2530	11	100 HR inspection complete this date as per Cessna 177 100 inspection sheet - AD's checked. Oil & Filter changed - 1-10-17 per owner (see LOG BOOK 2 LAST PAGE)	 AP 2207249

Date 03-29-2017 Total Aircraft Time 2530  
 I certify this Aircraft / ~~Engine~~ has been inspected  
 in accordance with a ~~100~~ hour / Annual inspection  
 and was determined to be in airworthy condition.  
 Signature   
1A 2207249 AP

MAINTENANCE RECORD

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

DATE  
2018  
HOURS 10ths

DESCRIPTION OF THE WORK PERFORMED

04/01/18 2536TT

100 HR inspection completed per  
CESSNA check sheet & AC4313-1B This Date  
SEAT RAIL AD 2011-10-09 & WINSPECTION AD's checked  
THRU 2018-06.

Date 04-01-2018 Total Aircraft Time 2536

I certify this Aircraft / Engine has been inspected  
in accordance with a 100-hour / Annual inspection  
and was determined to be in airworthy condition.

Signature [Signature]  
1A 2207249 AP

# MAINTENANCE RECORD

DATE

19

TOT  
IN :

HOUF

RENDRAG AVIATION, LLC 2347 DELRAY RD HANGAR C2 THOMASTON, GA 30286  
LOG ID# 343 21-November-2016 WO# 5776  
N177BS S/N 177RG1017 CESSNA 177RG

Pg 1 / 1

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

BENCH CHECK & UPDATE SOFTWARE

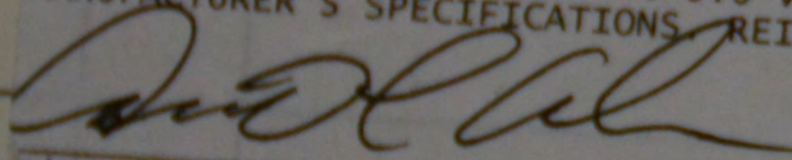
MODEL: GNS430W PART#: 011-01060-45 SERIAL#: 96301591

ACTION: BENCH CHECKED UNIT. UPDATED MAIN SOFTWARE FROM 3.0 VERSION TO 5.2 VERSION. UPDATED GPS SOFTWARE FROM 3.0 VERSION TO 5.0 VERSION. FINAL TESTED UNIT. UNIT NOW MEETS OR EXCEEDS MANUFACTURER'S SPECIFICATIONS. REINSTALLED IN AIRCRAFT. RAMP CHECKED SYSTEM GOOD.

BENCH CHECK & UPDATE SOFTWARE

MODEL: GNS530W PART#: 011-01064-45 SERIAL#: 78300602

ACTION: BENCH CHECKED UNIT. UPDATED MAIN SOFTWARE FROM 3.0 VERSION TO 5.2 VERSION. UPDATED GPS SOFTWARE FROM 3.0 VERSION TO 5.0 VERSION. FINAL TESTED UNIT. UNIT NOW MEETS OR EXCEEDS MANUFACTURER'S SPECIFICATIONS. REINSTALLED IN AIRCRAFT. RAMP CHECKED SYSTEM GOOD.



Signed 2RGR099C DAVID L. GARDNER

21 Nov. 2016  
Date

I CERTIFY THAT THE ATC TRANSPONDER TESTS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43 APPENDIX F.

#1 MODEL GTX 330 ES #1 S/N 84107267  
#2 MODEL                      #2 S/N                     

DATE 04, APRIL, 2018 WO# 6031

SIGNED: M. Z. H.

Rendrag Aviation, LLC. Thomaston, GA 30286 CRS#2RGR099C

SIGNED: MZH

Rendrag Aviation, LLC. Thomaston, GA 30286 CRS#2RGR099C

### MAINTENANCE RECORD

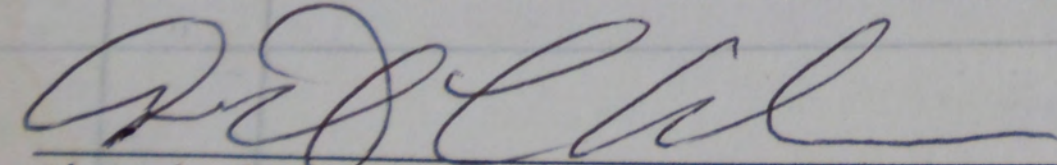
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		

RENDRAG AVIATION, LLC 2347 DELRAY RD THOMASTON, GA 30286 2RGR099C  
LOG ID# 536 04-April-2018 WO# 6031  
N177BS S/N 177RG1017 CESSNA 177RG

Pg 1 / 1

\*\*\*\* UPGRADE GTX330 TO ES MOD STATUS \*\*\*\*  
DISCREPANCY: TRANSPONDER ES MODE  
MODEL: GTX330 PART#: 01100455-00 SERIAL#: 84107267  
ACTION: SENT UNIT TO FACTORY FOR ADSB ES MODE. RECEIVED BACK FROM FACTORY AND REINSTALLED IN AIRCRAFT. REPROGRAMMED AND RAMP CHECKED SYSTEM GOOD. PERFORMED CERTIFICATION PER FAR 91.413 REQUIREMENTS

\*\*\*\* T/S ADSB POSITION \*\*\*\*  
DISCREPANCY: NO ADSB POSITION  
MODEL: GTX300ES PART#: 011-00455-00 SERIAL#: 84107267  
ACTION: TROUBLESHOT ADSB POSITION TO THE GTX330ES. ISOLATED ISSUE TO MISSING DATA WIRE TO THE GPS WAAS RECEIVER. WIRED UP A DATA WIRE BETWEEN THE GTX330 AND WAAS RECEIVER. WORK WAS PERFORMED IN ACCORDANCE WITH GARMIN GTX330 INSTALLATION MANUAL #190-00734-10 REV.10 DATED MARCH 2018 AND AC.43.13-1B CHAPTERS 11 AND 12. RAMP CHECKED SYSTEM GOOD.

  
Signed 2RGR099C DAVID L. GARDNER Date 04 APR 2018

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19__	HOURS	10ths		

Registration: N177BS      Make: Cessna      Model: C177RG      S/N: C177RG1017  
 Page: 1 of 1      Work Order: 1643974      Date: 8/23/2018

Item	Discrepancy	Corrective Action
1	Install Garmin GTN 750, GNC 255, GTX 345,	Removed Garmin GNS-530 Nav/com/gps, Garmin GNS-430 GPS/Nav/com, Garmin GTX-330 transponder. Installed Garmin GTN-750 GPS/Nav/Com system, Garmin GNC-255 nav/com, Garmin GTX-345 ADSB transponder. Systems installed in accordance with Garmin installation manuals GTN 190-01007-A3, GNC 255 190-01182-02, GTX 345 190-00734-10. Systems installed using existing wiring, antennas. Systems check good. The transponder, altimeter, altitude reporting and static system tests required by FAR 91.411 and FAR 91.413 have been performed to 20,000 feet and comply with FAR 43 appendix E and F. Weight and balance change negl.

Signature: *R Murray*

**Murray Avionics Inc.**  
 FAA Repair Station# AL1R012K

Maintenance Record Entry

Signature: R. Murray

Murray  
Avionics Inc.

FAA Repair Station# AL1R012K

Maintenance Record Entry

### MAINTENANCE RECORD

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

LaValley Aviation Inc. 239 State Highway 11B Potsdam, NY 13676  
LOG ID# 119 30-August-2018  
N177BS S/N 177RG-1017 CESSNA 177RG TACH 2561.0

Pg 1 / 1

Installed new fuel sump, p/n S2020-2 in LH wing. Operational check good, no leaks noted.

William Frank  
3537694 A&P William Frank

Date

30 Aug 2018

LaValley Aviation Inc. 239 State Highway 11B Potsdam, NY 13676  
LOG ID# 133 11-December-2018 WO# 1112  
N177BS S/N 177RG1017 CESSNA CARDINAL TACH 2567.0

Pg 1 / 1

Installed Artex ME406 ELT replacement battery. Inspected ELT in accordance with 91.207(d).  
Operational check good. Batteries due 11/2025.

William Frank  
3537694 A&P William Frank

Date

12/11/18

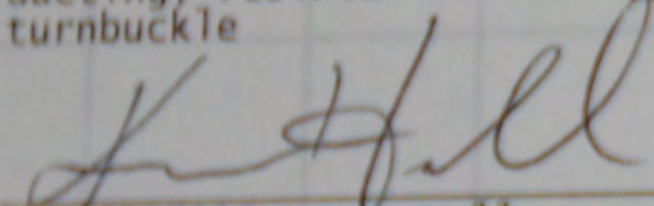
## MAINTENANCE RECORD

LaValley Aviation Inc. 239 State Highway 11B Potsdam, NY  
 LOG ID# 139 05-March-2019 WO# 1133  
 N177BS S/N 177RG1017 CESSNA 177RG TACH 2571.8

Pg 1 / 1

AUTHORIZED SIGNATURE,  
 CERTIFICATE TYPE  
 & NUMBER

Troubleshoot heating system, found pilot side heater hose was installed incorrectly, mostly blocking airflow. Cleaned heater plenum, which was full of insulation blocking airflow. Spoke with Powerflow systems and discovered exhaust was missing a diverter baffle which sends heat evenly to pilot and copilot distribution systems. Installed diverter baffle, p/n PFS-5043. Reinstalled heater scat ducting, resintalled cowling. Operational check good. Removed and reinstalle new gear door turnbuckle

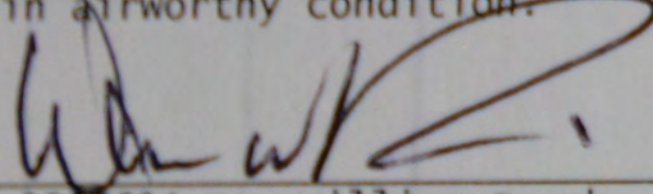
 5 Mar 2019  
 A&P 4117295 Krys Hull Date

LaValley Aviation Inc. 239 State Highway 11B Potsdam, NY 13676  
 LOG ID# 147 30-April-2019 WO# 1025  
 N177BS S/N 177RG-1199 CESSNA 177RG TACH 2573.7

Pg 1 / 1

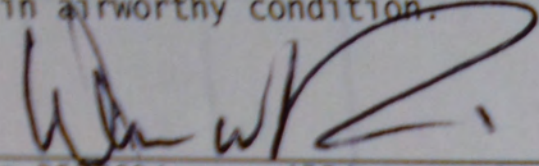
Inspected aircraft in accordance with an annual inspection. Installed new gear up light, p/n GE-330. Installed new vacuum filter, p/n AAD9-18-1. Installed new regulator garter filter B3-5-1. C/W AD 11-10-09, seat rail/ track assembly by visual inspection. No defects noted. Due at next annual inspection or 2673.7 TIS. Complied with 91.207(d), inspection of ELT and operational check good. Batteries due 11/2025.

I certify this airplane has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

 4/30/2019  
 A&P 3537694 IA William Frank Date

11-10-09, seat rail/ track assembly by visual inspection. No defects noted. Inspection or 2673.7 TIS. Complied with 91.207(d), inspection of ELT and operational check good. Batteries due 11/2025.

I certify this airplane has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

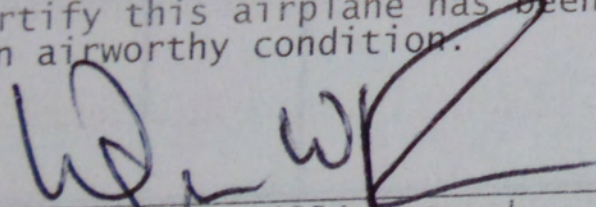
  
A&P 3537694 IA William Frank      4/30/2019      Date

### MAINTENANCE RECORD

LaValley Aviation Inc. 239 State Highway 11B Potsdam, NY 13676  
LOG ID# 194 12-April-2020 WO# 1278 Pg 1 / 1  
N177BS S/N 177RG-1199 CESSNA 177RG TACH 2586.4

Inspected aircraft in accordance with an annual inspection. Installed new tail beacon bulb, p/n 11-09370. C/w AD 11-10-09, seat rail/ track assembly by visual inspection. No defects noted. Due at next annual inspection or at tach time 2686.4. Complied with 91.207(d), inspection of ELT and operational check good. Batteries due 11/2025.

I certify this airplane has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

  
A&P 3537694 IA William Frank      4/12/2020      Date

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER