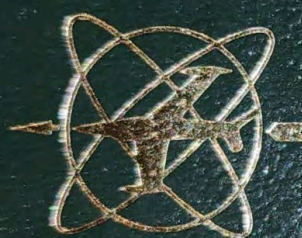


N177LR

No. 3

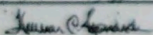
RUSS



The Standard

AIRCRAFT LOG

ASA-SA-1

REGISTRATION NOT TRANSFERABLE	
UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION CERTIFICATE OF AIRCRAFT REGISTRATION	
NATIONALITY AND REGISTRATION MARKS N 177LR	AIRCRAFT SERIAL NO. 177RG1080
MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT CESSNA 177RG ICAO Aircraft Address Code: 50232070	
I S S U E D T O	BOTEILHO RUSSELL J BOTEILHO LORAIN M 1829 W VIA DE LA GLORIA GREEN VALLEY, AZ 85614 CO-OWNER
It is certified that the above described aircraft has been entered on the register of the Federal Aviation Administration, United States of America, in accordance with the Convention on International Civil Aviation dated December 7, 1944, and with the Federal Aviation Act of 1958, and regulations issued thereunder.	
DATE OF ISSUE JULY 31, 1986	 ADMINISTRATION
 U.S. Department of Transportation Federal Aviation Administration	

AC Form 8086-36/82 Supersedes previous editions

Strip PAINTED 8/11/87 (ACFT LOG #1) TACH 600.1
PAINT: SIKKENS POLYURETHANE
WHITE POR 6004
RED-BROWN VOL 824
BUTTERSCOTCH DAT 931
BRN ORANGE FA 78-54



The Standard

AIRCRAFT LOG

ASA-SA-1

Registered Owner Record

Name Russell J. & Lorraine M. Botelho Address 1829 W. VIA DE LA GLORIA
City GREEN VALLEY State AZ From 8/8/93 To 10/24/2010
Name PETER G. KUCERA Address 5741 NOBJACK ROAD
City GLoucester State VA From 10/24/2010 To _____
Name _____ Address _____
City _____ State _____ From _____ To _____
Name _____ Address _____
City _____ State _____ From _____ To _____
Name _____ Address _____
City _____ State _____ From _____ To _____

Notes

REG. NO. CHANGED FROM N35929 TO N177LR 8/1/87

[illegible][illegible]

YEAR: 2003	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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11/8	2007			#1, #2 VOR CHECK, BOTH w/ 4° (SFD) <i>Pfs. L. 1852 P23</i>
------	------	--	--	---

12/19	2019			INSTALLED A COOLING FAN FOR AVIONICS RACK MODEL CYCLONE 21 ACCORDING TO MANUFACTURER INSTALLATION MANUAL AND AC 43.131B, 2A NO WEIGHT AND BALANCE CHANGE. SONORA AVIONICS INC. DBA SOUTHWEST AVIONICS. <i>[Signature]</i> 12/19/03
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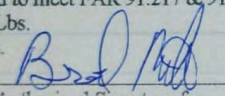
1/16/04	2023.68			GPS GNS530 S/N: 78404048 IS APPROVED FOR IFR ENROUTE, TERMINAL AND NON-PRECISION APPROCHES PER FAA FORM 337 DATED JANUARY 15, 2004, A FLIGHT MANUAL SUPPLEMENT PROVIDED TO OWNER DATED 1/15/04. SONORA AVIONICS INC. DBA SOUTHWEST AVIONICS. <i>[Signature]</i> 1/16/2004. END.
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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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2/25/4	2033.39			AIRBORNE VOR CK. -- DUG. #1, #2 w/ 4° <i>185623</i>
2/28/4	2034			PERFORMED NAR IN GROUNDING TESTS <i>Pfs. L. 1852 P23</i>

March 9, 2004	Tach 2034.39			Clear 1460 + check pallys controls & cables c/w Ad 87-20 03 R2 Sret rails by insp Replace nose & R main tires and wheel bearings Replace Vuc Pump install new Brackett Air Filter & mount Mafal 2 Bl. Air P 50726371
---------------	--------------	--	--	--

I certify this *Airframe* has been inspected in accordance with
FAR 43 Appendix D, in accordance with a *Annex 1*
inspection, and as of this date, return it to service. *TT 2034.39*
Date *March 10, 2004* Tach *2034.39*
Signature *[Signature]* # *507263671*

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/6/4	2064.02			Gulf Coast Avionics  Date: 5/6/2004 N177LR CESSNA 177RG S/N 177RG1080 Work Order #20460 Removed the following equipment: KING KT-76A. Installed the following equipment: GARMIN GTX-330. THE INSTALLATION WAS PERFORMED per manufacturers specifications and inspected using current maintenance rules of the FAA. Aircraft approved for return to service. GTX-330 DETERMINED NOT TO BE A MAJOR ALTERATION The Transponder Make <u>GARMIN</u> Model <u>GTX-330</u> S/N <u>84110091</u> was tested and Found to meet FAR 91.217 & 91.413. The new aircraft empty weight is: 1805.3 Lbs. The new center of gravity is 103.95 inches. The new useful load is: 994.7 Lbs.  Authorized Signature for: Gulf Coast Avionics Corp. Lakeland, FL. 33811 FAA CRS#UB4R564M

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/24/4	2078			CHANGED OIL & FILTER. INSTALLED 8 BT AEROSHELL W100+ # CPO 100 OIL FILTER. <i>R. Salathé</i> 1856823
5/24/4	2078			REPLACED BTL BATTERY, CHECKED OPERATIONS PER FAR 91.207(d) <i>R. Salathé</i> 1856823
5/24/4	2078			PERFORMED MAG #1 POSITION SWITCH GROUNDING TEST. <i>R. Salathé</i> 1856823
6/30/4	2087			AD 2004-10-15 GARMIN GTX-330 TRANSPONDER. <i>R. Salathé</i> NO ACTION REQ'D. UNIT DELIVERED WITH S/W VER 3.05 INSTALLED. 1856823
7/30/4	2096			INSTALLED 4 RH4325 (FINE WIRE) SPARKPLUGS IN ALL 4 LOWER CYLINDERS <i>R. Salathé</i> 1856823
8/23/4	2106			AIRBORN VOR CHECK, BOTH W/ 40 <i>R. Salathé</i> 1856823
11/23/4	2128			CHANGED OIL & FILTER. INSTALLED 8 BT AEROSHELL W100+ AND CPO 100-1 OIL FILTER <i>R. Salathé</i> 1856823
Febr 8, 2005				<i>R. Salathé</i> Sp inner black plate Rosafly as required. Tech 2141 041 softy wire Muffler Inlet Air P 307263671

YEAR: 2005	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
April 15, 2005	Tach 2150.99			Clean lub check pulleys controls & cables Yw Ad 87-20-03 Re seat tracks by insp. Replace Bracket Air Si 11 Tor element Replace right wing Tip New light. Install new oil Temp probe. Install new Compressor discharge Temp Probe Muel L Bala ACP 507263671
				I certify this Airframe has been inspected in accordance with FAR 43 Appendix "D", in accordance with a Annual Inspection, and as of this date, return it to service. T.T. 2150.99 Date April 15, 2005 Tach 2150.99 Signature Muel L Bala IA 507263671

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
4/26/05	2150.99			Update new software version on Transponder GTX330 SN: 84110091, from 3.05 to 3.06 Complies with Garmin Mandatory Service bulletin N ^o 0409 & FAA AD2004-10-15 SONORA AVIONICS, INC. d/b/a Southwest Avionics Ryan Field, Tucson, AZ FAA CRS NYRR723K Auth. [Signature] Sig. [Signature]
7/14/05	2179			CHANGED OIL & FILTER, INSTALLED BQT, AEROSHELL 100W+ & QFO 100A FILTER RPT. 1832823
7/28/05	2181			AIRBORNE VOR CHECK - TFS BOTH w/ 2" RPT. 1832823

YEAR: 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Nov 24, 2005	2205			Install Aero Tech Filter kit CVJ54-C for vacuum system see 337 This date May 17, 2006 AP507263671
2/6/2006	2232			CHANGED OIL & FILTER. INSTALLED 8 QT AEROSHELL W 100+ & CPO100A FILTER RABOLSKO 1856823
2/26/06	2240			PIRBOEN VOR CHECK 58 W GBN #1, #2 with 40 (W/12) RABOLSKO 9050823
Feb 24, 2006	2242.14			Install annunciator light to indicate when landing gear motor is in operation see 337 This date May 17, 2006 AP507263671

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
May 17, 2006	2248.65			Tach reads 2248.65 Clean lub & check pulleys controls & cables 9/16 Ad 97-70-03 Re seat rails by insp 9/16 Ad 96-07-12 by Test OK Repair wheel bearings new Brackett air filter element Reseal nose gear actuator, Install new brake Pads both mains, Reseal fuel bowl new O-rings Retraction Test OK May 17, 2006 AP607263671
				I certify the Airframe has been inspected in accordance with FAR 43 Appendix 'D', in accordance with a <u>Amal</u> inspection, and as of this date, return it to service. T.T. 2248.65
				Date <u>May 17, 2006</u> Tech <u>2248.65</u>
				Signature <u>May 17, 2006 JA # 507263671</u>

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/6/06	2258.55			REPLACED ELT BATTERY. CHECKED OPERATIONS PER FAR 91.207d R/Saltino 1856823
I certify that the Altimeter and Static System tests required by FAR Part 91.411 have been performed. The Altimeter 1051 was tested to 20,000 on 9-26-06. Work Order # 5391. Signature <i>A. Wood</i> AERO TESTING SERVICES. CRS A78R455J				I certify that this 67X-330 Transponder SN 84110091 has been tested as required FAR 91.413. Signature <i>A. Wood</i> Date 9-26-06 Work Order # 5391 AERO TESTING SERVICES. CRS A78R455J
9/26/06	2281.9			VOR CHECK AIRBORN. TUS VOR 65008 3122. P1, #2 U/L 40 PERFORMED MAG. GROUNDING CHECK ALL OK CHANGED OIL & FILTER. INSTALLED 8 QT CASTROL AVIATION 5W & CHAMPION CH48103-1 FILTER R/Saltino 1856823
10/18/06	2285.09			
1/27/07	2296.25			REPLACED BATTERY - INSTALLED CONCORDS RA-35A KC R/Saltino 1856823

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				CESSNA 177RG S/N:177RG1080 N177RG TACH:2304.82 DATE:8-06-07 REMOVE: GARMIN GPS/NAV/COM GNS530 S/N:78404048 & GPS ANTENNA GA56 S/N:59063162. INSTALLED: GARMIN GPS/NAV/COM GNS 530W S/N:78404048 & GARMIN MODEL GA35 S/N:15371. IAW GARMIN UPGRADE INSTALLATION MANUAL P/N:190-00357-02 REV C AND STC NO.SA01933LA & AC43.13-1B/2A. FAA APPROVED FLIGHT MANUAL SUPPLEMENT & INSTRUCTION FOR CONTINUED AIRWORTHINESS WERE PROVIDED. NO WEIGHT & BALANCE CHANGED. SONORA AVIONICS INC. DBA <i>[Signature]</i> SOUTHWEST AVIONICS NYRR723K
				(337 8/06/07)

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Aug 10	2304.98			Clean lube check pulleys controls & cables Yw Ad 87-20-03R seat rails by insp Repack wheel bearings and check brake linings & seals. P. B. K. Airplane gear check for retraction All OK. Install new Air filter element (Brackett) Miguel L. Batac 509263671
				I certify this Airframe has been inspected in accordance with FAIR 43 Appendix D, in accordance with a Annual inspection, and as of this date, return it to service. T.T. 2304.98 Date Aug 10, 2007 Tach 2304.98 Signature Miguel L. Batac # 509263671
8/11/07	2305			REPAIRED LEFT MAIN TIRE Repack 1856823

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/29/08	Tach: 2315.67	TTSN: 2315.67	TSMOH: 752.73	Reinstalled engine and associated components following repair of case crack by Aircraft Engine Specialists (W/O E4180). See engine log for details. James W. Kelly 527 84430 ADP
5/29/08	2364			CHANGED OIL & FILTER. SERVICED WITH 801 CASTROL A100 ADD KELLEY 48103 OIL FILTER. Russell Batac 1856823
10/4/08	2377			REPLACED LEFT BATTERY, CHECKED OPERATIONS PER FAR 91.207d 1856823
Oct 18	2377	Repair		Left gear horn Replace nose gear strut bumper pad Repack wheel bearings Yw Ad 87-20-03R Seat rails Replace Right main tire gear check OK Repack wheel bearings new Air filter element Yw Ad 76-07-72 Magswitch Miguel L. Batac ADP 509263671

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				~~I certify this Airframe has been inspected in accordance with FAR 43 Appendix "D" in accordance with a 100 hr inspection, and as of this date, return it to service. T.T.~~
				~~Date: _____ Tech: _____~~
				~~Signature _____ # _____~~
11/1/12	2383.34			CHANGED OIL & FILTER. INSTALLED 801 AEROSTAR 1100T & 42003 OIL FILTER. JAMES W HILL 1856823 VOR CHECK - TUS 316R 41, 2 W/ 45°
11/22/8	2388.175			MAG ON/OFF SWITCH CHECK - ALL OPS OK. Russell Butcher 1856823
11/22/8	2388.61			VOR CHECK TUS 174.38 DME BOTH 174, 530W DIGITAL 172. Russell Butcher 1856823
7/4/9	2425.11			CHANGED OIL & FILTER. INSTALLED 801 AEROSTAR 1100T AND 42003 OIL FILTER. Russell Butcher 1856823
8/4/09	2434.05			AIRBORNE VOR CHECK. TUS VOR 303R, 46 DME 41, MZ W/ 2° Russell Butcher 1856823
8/25/09	2436.55			

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Date 11-2-09 Tach 2443.2 N 1774R Total 2443.2
				Checked and lubricated all controls, flaps, ailerons, tail section, rod ends, pulleys, checked skins, lights, gear, gear lights, horns, wheels & wheel bearings, tires, brakes, and fluid, checked brake linings, hoses, jacked plane up to do retraction check, if retractable type & gear pump, checked & serviced struts as needed, serviced battery & cables, checked seats & seat belts, checked ELT per 91 207. Battery exp. 10 - 10. Checked fuel sumps & drains, pumps, tanks, checked circuit breakers & switches, door latches, up dated AD list see list. INSTALLED NEW ROSE TOWER
				I certify that this Airframe has been inspected in accordance with a 100 hr, or annual inspection and was determined to be in airworthy condition.
				James W Hill 527844430 I.A. James W Hill

Tests, Repairs and Alterations

Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATA CARD *1856823*

12-15-2011 TTAF:2511.49

ound P/C/W by visual inspection

ound to be P/C/W by quick drains installed

W by installation of hoses dated 4Q10

C/W by visual inspection. Next due 12/12 or 2611.49

C/W by visual inspection. Next due 2611.49

W by inspection of switch and lube. Next due 4511.4

20418 Airways Point Rd
Topping, VA 23169
(804) 286-4049

AP2770994IA

MOVED AT ANNUAL INSP (ABOVE)

FACTORY SET @ 2400.00

1000 DIGITAL TACH INSTALLED

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				DATE <u>06-05-12</u> AC HRS <u>250006</u> N <u>177LR</u>
				I CERTIFY THAT THE ALTIMETER, ALTITUDE REPORTING AND STATIC SYSTEM TESTS REQUIRED BY CFR 91.411 HAVE BEEN PERFORMED.
				TESTS WERE PERFORMED TO <u>20,000</u> FT.
				ALT. <u>06-05-12</u> DATE
				ENCODER <u>06-05-12</u> DATE
				STATIC SYSTEM <u>06-05-12</u> DATE
				THIS <u>GTx 330</u> TRANSPONDER S/N <u>84110091</u>
				HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF CFR 91.413(PART 43 APP F).
				DATE <u>06-05-12</u>
				SIGNED <u>Ronald W. Culpepper</u> INSPECTOR BAY AVIONICS, LTD. HM1R197K

Signature

Inspection

Final

Calibration Date 05-16-12

Equipment Used for Inspection 5934 RMD-3

After Effect Test

(40 percent of maximum altitude)

Second Test Point

(50 percent of maximum altitude)

First Test Point

Hysteresis Test

ALTIMETER TEST AND INSPECTION REPORT

BAY AVIONICS, LTD.
HM1R197K

Customer:	Paton & Kuersten		Work Order:	03695	
Aircraft N°:	1776R	Aircraft Make/Model	Cessna 172RG	Squawk Number:	—
PRELIMINARY INSPECTION FINDINGS: O.K.					
Inspection	By: <u>Ronald W. Carpenter</u> Authorized Inspector				
Date	06-05-12				

TABLE I

Altimeter (feet)	Equivalent pressure (Inches of accuracy)	Tolerance +/-	Altimeter Error	Encoder Error (Tol. +/- 125 ft.)
-1,000	31.018	20	+10	0
0	29.021	20	+20	0
500	29.385	20	+20	0
1,000	28.856	20	+10	0
1,500	28.335	25	+10	0
2,000	27.821	30	+20	0
3,000	26.817	30	+20	0
4,000	25.842	35	+10	0
6,000	23.978	40	+20	0
8,000	22.225	60	+10	0
10,000	20.577	80	+10	0
12,000	19.029	90	+10	0
14,000	17.577	100	-10	0
16,000	16.216	110	-10	0
18,000	14.942	120	-20	0
20,000	13.750	130	-20	0
22,000	12.636	140		
25,000	11.104	155		
30,000	8.885	180		
35,000	7.041	205		
40,000	5.538	230		
45,000	4.355	255		
50,000	3.425	280		

TABLE III - FRICTION

Altitude (feet)	Tolerance (feet)	Reading
1,000	70	0
2,000	70	30
3,000	70	20
5,000	70	30
10,000	80	30
15,000	90	30
20,000	100	30
25,000	120	
30,000	140	
35,000	160	
40,000	180	
50,000	250	

TABLE IV - PRESSURE - ALTITUDE DIFFERENCE
(Scale Error Test)

Pressure (Inches of Hg)	Altitude Difference (feet)	Result Tol. +/- 25 ft.
28.10	-1,727	✓
28.50	-1,340	✓
29.00	-863	✓
29.50	-392	✓
29.92	0	✓
30.50	+531	✓
30.90	+893	✓
30.99	+974	✓

TABLE II - TEST TOLERANCES

Test	Tolerance (feet)
Case Leak Test	100
Hysteresis Test	
First Test Point (50 percent of maximum altitude)	75
Second Test Point (40 percent of maximum altitude)	75
After Effect Test	30

Notes: TAKV: 08500.06

Equipment Used for Inspection 5934AAD-3 JN 41454

Calibration Date 05-16-12 Calibration Due Date 08-16-12

Final Inspection Signature	<u>Ronald W. Carpenter</u>	Date	<u>06-05-12</u>
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YEAR: 2010	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE 10/21	2476.51			UPDATED 530W NAVDATA CARD 1836823
N177LR 12-15-2011 TTAF: 2511.49 New Tach: 2490.0				
-Replaced vacuum relief filter. -Installed Horizon electronic tach(see form 337 for details). -Installed static wicks on empanage. -Tightened instrument knobs. -Replaced aft elevator trim tab rod end. -Replaced flexible lines in engine compartment per AD. -Inspected ELT I/A/W FAR 91.207(D) w/battery exp Jan 2012 -I certify that this aircraft has been inspected I/A/W and Annual inspection and found to be in an airworthy condition.				
Rusty Gill AP2770994 N177LR 12-15-2011 TTAF:2511.49 AD 86-24-07 found P/C/W by visual inspection AD 88-12-12 found to be P/C/W by quick drains installed AD 97-01-13 C/W by installation of hoses dated 4010 AD 2011-10-09 C/W by visual inspection. Next due 12/12 or 2611.49 AD 2008-14-07 C/W by visual inspection. Next due 2611.49 AD 93-05-06 C/W by inspection of switch and lube. Next due 4511.4				
Rusty Gill AP2770994IA 25416 Greys Point Rd Topping, VA 23169 (804) 286-4049				
2011 12-15 2511.49 12-15 2490.00 ORIGINAL ANALOG TACH REMOVED AT ANNUAL INSP. (ABOVE) NEW HORIZON INSTR. P-1000 DIGITAL TACH INSTALLED @ 2490.00				

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				DATE 06-05-12 AC HRS 2500.06 N177LR
				I CERTIFY THAT THE ALTIMETER, ALTITUDE REPORTING AND STATIC SYSTEM TESTS REQUIRED BY CFR 91.411 HAVE BEEN PERFORMED.
				TESTS WERE PERFORMED TO 20,000 FT.
				ALT. 06-05-12 DATE
				ENCODER 06-05-12 DATE
				STATIC SYSTEM 06-05-12 DATE
				THIS GTX 330 TRANSPONDER S/N 24110091
				HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF CFR 91.413(PART 43 APP F).
				DATE 06-05-12
				SIGNED Ronald W. Gulpappg
				INSPECTOR
				BAY AVIONICS, LTD. HM1R197K

Notes

4. The fourth part of the document discusses the challenges associated with data analysis. It highlights the need for careful selection of variables and the importance of understanding the limitations of the data.

5. The fifth part of the document provides a summary of the findings and conclusions. It reiterates the key points made throughout the document and offers suggestions for further research.

