

Aircraft Record General Information

Book # 3
6-8-2004

Manufacturer PIPER

Model PA 28-161

Serial 28-7716037

Registration Number N 166014

Date of Manufacture 1-24-1977

Engine(s) currently installed:

Manufacturer LYCOMING Model O-320-D3G Serial L-7172-39A

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer SENSENICH Model M74DM-O-60

HUB Model _____ Serial 29698 Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Aircraft Record General Information

Book # 3
6-8-2004

Manufacturer PIPER

Model PA 28-161

Serial 28-7716037

Registration Number N 166017

Date of Manufacture 1-24-1977

Engine(s) currently installed:

Manufacturer LYCOMING

Model O-320-D3G

Serial L-7172-39A

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer SENSENICH

Model M74DM-O-60

HUB Model _____

Serial 29698

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

YEAR:

RECORDING
TACHTODAYS
FLIGHTTOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations

(Number of
entries.)

— The static system tests required by FAR 91.411 and FAR 43 appendix "E" have been satisfactorily performed.

— The Integrated Altitude Reporting System tests required by FAR 91.411 and FAR 43 appendix "E(a)" have been satisfactorily performed.

— The ATC Transponder test and inspection required by FAR 91.413 and FAR 43 appendix "F" have been satisfactorily performed:

— #1 Transponder Model GTX 327 S/N 83717086

— #1 Transponder Model N/A S/N N/A

— The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.

— SIGNED M. R. Evans W.O.# 970 DATE 6/2/04

— Evans Avionics, L.L.C., Cherry Capital Airport
— Traverse City, MI 49686, F.A.A. certified repair station no. E92R057X

YEP.

June 2, 2004

N1660H

Pairs and Alterations

d Certificate Number of
or other specific entries.)

DA

June 2, 2004
Removed existing #2 Garmin GNS 430 system/GI 106A CDI, Installed
Garmin GNC 300 GPS/COM, per Mfg. dwg's/prints, AC 43.13-1a
and 2a, and AC 20-138A. GPS function installed as a stand alone
installation per AC 20-138A.

MAINTENANCE RELEASE

The airframe, powerplant or appliance identified above was repaired and inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this repair station under order no. 970/1.

no. 970
Date 6/2/04 Signed M.R. Evans
for Evans Avionics, L.L.C., Cherry Capital Airport, Traverse
City, MI 49686, F.A.A. certified repair station no. E92R057X.

[illegible]

CHERRY CAPITAL AVIATION INC, AIRPORT ACCESS RD, TRAVERSE CITY MI, (231) 941-1740. MAINTENANCE
RELEASE/LOGBOOK ENTRY:

AIRCRAFT: N1660H HOBBS/TACH: 3768.82 AFTT: 3768.82

ANNUAL INSPECTION. INSPECTED IN ACCORDANCE WITH FAR'S AND AIRCRAFT MANUFACTURERS MAINTENANCE MANUAL. ALL COMPONENTS AND CONTROLS INSPECTED, RIGGING CHECKED AND LUBED AS NEEDED. CHECKED ALL WHEEL BEARINGS AND TIRES, CHECKED BATTERY AND FLUIDS SERVICED AS NEEDED. C/W AD 95-26-13, ALL NEW HOSES INSTALLED. REPLACED MAG SWITCH WITH NEW SWITCH. REPLACED BOTH ROD ENDS ON LEFT AILERON. RERIGGED RUDDER SYSTEM REPLACED STEERING BUNGEE RIGHT SIDE. CLEANED ENGINE, AIRCRAFT & BATTERY GROUND POINTS. INSTALLED ALTERNATOR NOISE FILTER. INSTALLED WHEEL PANTS. REMOVED ENGINE MOUNT. SENT OUT TO BE REPAIRED. INSTALLED OH ENGINE MOUNT AND INSTALLED NEW ENGINE MOUNT BOLT. REMOVED CABIN HEAT BOX, REPAIRED AND REINSTALLED. REMOVED LOWER ANGLE AND INSIDE LOWER CHANNEL. REPLACED WITH NEW FACTORY LOWER ANGLE AND CHANNEL. CLEANED INSIDE FLOOR BOARDS. REPLACED CENTRAL VACUUM FILTER. REPLACED VACUUM REGULATOR FILTER. INSTALLED NEW MIXTURE CABLE AND RIGGED. REPLACED NOSE GEAR STRUT INNER TUBE AND RESEALED STRUT. REPLACED NOSE GEAR SCISSOR LINK BLOCK WITH NEW. INSTALLED WINGS, RIGGED FLAPS & AILERON. INSTALLED NEW BOLTS. REMOVED PITCH & ROLL SERVOS AND SECURED WIRES. INSTALLED STABILIZER AND RIGGED. REMOVED PILOTS SIDE WINDOW AND AFT WINDOW RESEALED. REPLACED SCAT TUBE ON DEFROST SYSTEM. REPLACED WING/FUSELAGE SEALS WITH NEW. REPAIRED CABIN HEAT AIRBOX PAINTED AND INSTALLED ON AIRCRAFT. REPLACED AIR FILTER ELEMENT. REPLACED ELEVATOR TRIM INDICATOR. REPLACED DOME LIGHT SWITCH. REPLACED PILOTS & COPILOTS UPPER AIR VENTS. REPLACED STALL HORN MOUNT. INSTALLED NEW PLASTIC INSTRUMENT COVER AND ALL PLACARDS. REPLACED COPILOTS HEATER VENT KNOB. REMOVED RIGHT WING MIDDLE LEADING EDGE SKIN. INSTALLED FACTORY NEW SKIN, FITTED AND RIVETED IN PLACE. REPLACED RIGHT WING TIP WITH NEW ASSY RIVETED IN FLANGE AND PAINTED. REMOVED LEFT WING MIDDLE SKIN BOTTOM. REPLACED WITH FACTORY NEW SKIN. REMOVED LEFT TOP AFT SKIN, INSTALLED NEW SKIN. REMOVED LEFT OUTBOARD LEADING EDGE SKIN, REPLACED WITH FACTORY SKIN. INSTALLED G&N OVERHAULED ENGINE 0320, S/N: L-7172-39A. ALL NEW HOSES, VACUUM PUMP AND ALTERNATOR REPLACED. REPAIRED ENGINE BAFFLE AS NEEDED. INSTALLED OVERHAULED SENSENICH PROP. MODEL 74DM-0-60, S/N: 29098. REMOVED OIL COOLER LEAKING, INSTALLED OH OIL COOLER. REPLACED EGT PROBE WITH SERVICEABLE UNIT.

AIRFRAME, POWERPLANT OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE F.A.A. AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO 30371 DATED: 10/01/2004

SIGNATURE: _____

EAOR432D

YEAR:	RECORDING TACH TIME	TODAYS 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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D/

CHERRY CAPITAL AVIATION INC, AIRPORT ACCESS RD, TRAVERSE CITY MI, (231) 941-1740. MAINTENANCE
RELEASE/LOGBOOK ENTRY:

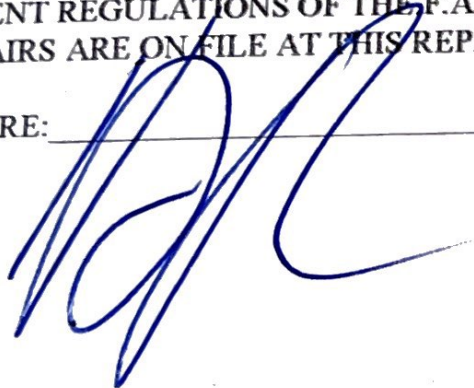
AIRCRAFT: N1660H HOBBS/TACH: 3768.82 AFTT: 3768.82

COMPLETED ACTUAL WEIGHT OF AIRCRAFT. NOSE 481, RIGHT MAIN 653, LEFT MAIN 667, REMOVED ALL
ASSOCIATED PARTS FOR STEC 30 AUTOPILOT INSTALLATION..

AIRFRAME, POWERPLANT OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE
WITH CURRENT REGULATIONS OF THE F.A.A. AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS
OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO 30419 DATED: 11/29/2004

SIGNATURE: _____

EAOR432D



Telephone
(FVX) 434-392-9016
(MTV) 276-957-6110

HEART OF VIRGINIA AVIATION
Blue Ridge Regional Airport
Farmville Regional Airport
130 Wedgewood Drive
Farmville, Virginia 23901

FAX
(FVX) 434-392-9046
MTV 276-957-2292

Iterations
Number of
fic entries.)

N1660H

PA28-161

DEC. 06, 2004

Aircraft Tach Time: 3780.0

I certify this aircraft has been serviced and inspected in accordance with an
100 HOUR INSPECTION per Piper PA28-161 Maint. Manual and was determined to be
in airworthy condition.

All operation and leak checks satisfactory and aircraft is approved for return to service.

HEART OF VA AVIATION, INC.
TOMMY L. GRIMES
A & P # 466063807

SIGNED: 

Heart of Virginia Aviation

11152 Airpark Road Ashland, Virginia 23005

REG # N166OH
S/N 28-7716037
HOBBS
TACH 3783.7
TTENG #1
TTENG #2
TTPROP #1
TTPROP #2

DATE 12/09/04
MFG. Piper
MODEL Pa28-161
TTAF
TSMOH #1
TSMOH #2
TSMOH PROP #1
TSMOH PROP #2

AIRFRAME X

ENGINE

PROPELLER

C/W 91.207(d) ELT by visual and impact test.
Battery exp. date 06/05

Signature KLB
Kenneth L Bain

Cert. 230985820 A/P
230985820 AP

Heart of Virginia Aviation

11152 Airpark Road Ashland, Virginia 23005

REGN1660H
S/N28-7716037
HOBBS
TACH 3878.1
TTENG #1
TTENG #2
TTPROP #1
TTPROP #2

Date 3-3-2005
MFG. Piper
MODEL
TTAF. 3878.1
TSMOH #1
TSMOH #2
TSMOH PROP #1
TSMOH PROP #2

AIRFRAME X

ENGINE

PROPELLER

Insp and lubed all flight controls. Removed and replaced right main tire and tube with recaped 6.00X6. Removed and replaced stall switch with serviceable switch.C/W AD 76-07-12 by ground ops check checks good.C/W CFR.91.207 Ops and condition check of ELT. Checks good at this time. Battery due 6-05.I certify this aircraft has been insp IAW a 100 hour insp and was found to be in airworthy condition. And is approved for return to service this date.


Eddie L. Smart
Eddie L. Smart

A9P 422846372

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	Total Time	Tach Time	DESCRIPTION OF WORK PERFORMED
05/10/05	3975.1	3975.1	<p>Inspected aircraft IAW Piper service manual and check lists. Cleaned checked and lubed all controls. Replaced air filter with new. Serviced hyd. System with fluid. Repacked all wheel bearings. Changed brake pads on RT main gear with new. Ads checked to biweekly update 2005-09, see AD lists in logs. OPS checks good.</p> <p>"I certify that this Aircraft has been inspected in accordance with a 100Hr inspection and was found to be in an airworthy condition."</p> <p>Signed: </p> <p>Thomas E. Kurtz III A&P#141525863IA Heart of Virginia Aviation Ashland VA</p>

DATE	Total Time	Tach Time	DESCRIPTION OF WORK PERFORMED
05/27/05	4007.1	4007.1	<p>Replaced Right main tire with new. Tightend screw for pitot heat switch as needed. Replaced cabin heat cable with new. Replaced wires for mags, selonoids and sensors with new. Replaced starter with new unit. All OPS checks good.</p> <p>"I certify that all work was done in accordance with the current rules of the FAA and is in an airworthy condition."</p> <p>Signed: </p> <p>Thomas E. Kurtz III A&P#141525863IA Heart of Virginia Aviation Ashland VA</p>

YEAR:

DATE

Telephone
(FVX) 434-392-9016
(MTV) 276-957-6110

HEART OF VIRGINIA AVIATION
Blue Ridge Regional Airport
Farmville Regional Airport
130 Wedgewood Drive
Farmville, Virginia 23901

FAX
(FVX) 434-392-9046
MTV 276-957-2292

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tries.)

N166OH

PA28-161

June 29, 2005

Aircraft Total Time 4078.1

I certify this aircraft has been serviced and inspected in accordance with a
100 HOUR INSPECTION per Cessna 182 Maint. Manual and was determined to be in
airworthy condition.

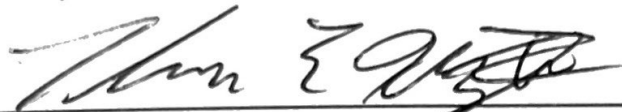
1. Inspected and lubricated all flight and engine controls.
 2. Inspected and lubricated all landing gear components.
 3. ELT inspected and replaced per FAR 91.209(d). Battery due 06-06.
 4. Replaced nose tire.
 5. Installed new B-16 air filter
 6. Replaced all brake linings
- See AD listing for compliance.

HEART OF VA AVIATION, INC.
TOMMY L. GRIMES
A & P # 466063807

SIGNED: 


YEAR:

DATE

DATE			Tach Time	DESCRIPTION OF WORK PERFORMED
08/15/05			4115.0	Replaced landing light and left nav light bulbs with new. Removed battery, serviced, charged and reinstalled. OPS checks good.
<p>"I certify that all work was done in accordance with the current rules of the FAA and is in an airworthy condition."</p> <p>Signed: </p> <p>Thomas E. Kurtz III A&P#141525863IA Heart of Virginia Aviation Ashland VA</p>				

sts, Repairs and Alterations

Rating and Certificate Number of
(k pages for other specific entries.)

DATE			Tach Time	DESCRIPTION OF WORK PERFORMED
09/12/05			4156.8	Replaced master switch with new unit. Ops checks good.
<p>"I certify that all work was done in accordance with the current rules of the FAA and is in an airworthy condition."</p> <p>Signed: </p> <p>Thomas E. Kurtz III A&P#141525863IA Heart of Virginia Aviation Ashland VA</p>				

[illegible]

YEAR:	RECORDING TACH TIME	TODAYS 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				


Telephone
 (FVX) 434-392-9016
 (MTV) 276-957-6110

HEART OF VIRGINIA AVIATION
 Blue Ridge Regional Airport
 Farmville Regional Airport
 130 Wedgewood Drive
 Farmville, Virginia 23901

FAX
 (FVX) 434-392-9046
 MTV 276-957-2292

N1660H Piper PA-28-161 October 6, 2005
 Aircraft Tach Time: 4151.00

Remove and replace Aircraft Battery with new Gil G35D Battery.
 Operational test was satisfactory and aircraft is approved for return to service.
 All work was done in accordance with Piper PA-28-161 maintenance manual.


 Tommy L Grimes A&P466093807IA

YEAR: DATE	RECORDING TACH TIME	TODAYS 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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Telephone
(FVX) 434-392-9016
(MTV) 276-957-6110

HEART OF VIRGINIA AVIATION
Blue Ridge Regional Airport
Farmville Regional Airport
130 Wedgewood Drive
Farmville, Virginia 23901

FAX
(FVX) 434-392-9046
MTV 276-957-2292

N1660H Piper PA-28-161
Aircraft Tach Time: 4178.00

October 19, 2005

I certify that this Aircraft has been serviced and inspected in accordance with an ANNUAL Inspection and was determined to be in an airworthy condition.

- 1) Inspected and lubricated all flight and engine controls.
- 2) Inspected and lubricated all landing gear components.
- 3) Inspected ELT per FAR 91.207(d), expires 06/2006.
- 4) All AD's complied with at this time

All work done in accordance with Piper PA-28-161 Maint Manual and Aircraft is approved for return to service.


Tommy L Grimes A&P466093807IA

[illegible]

YEAR:	RECORDING TACH TIME	TODAYS 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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Telephone
(FVX) 434-392-9016
(MTV) 276-957-6110

HEART OF VIRGINIA AVIATION
Blue Ridge Regional Airport
Farmville Regional Airport
130 Wedgewood Drive
Farmville, Virginia 23901

FAX
(FVX) 434-392-9046
MTV 276-957-2292

N1660H

Piper PA-28-161

DEC. 14, 2005

Aircraft Tach Time: 4268.9

I certify this Aircraft has been serviced and inspected in accordance
with a 100 HOUR INSPECTION per Piper PA-28-161 Maint. Manual and
was determined to be in airworthy condition.

1. Inspected and lubricated all engine and flight controls.
2. Inspected and lubricated all landing gear components.
3. Inspected elt per FAR 91.207(d). expires 06/06
4. Replaced all spark plugs.
5. replaced all brake linings.
6. Installed new BA-16 air filter

Heart of Virginia Aviation

Daniel T. Mcsherry

Pending, A&P

Signed

Daniel T. Mcsherry

TACH
TIME

FLIGHT

TIME IN
SERVICE

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

Heart of Virginia Aviation
Hanover County Airport
11152 Airpark Road
Ashland, VA 23005



KOFP - KMTV -
KFVX

N1660H Piper PA28-161 January 19 2006

Aircraft Tach Time: 4308.2 Hobbs: 4839.8

Replaced landing light with new GE4509 bulb.

All work done in accordance with Piper Service Manual and the Aircraft
is approved for return to service

Bud Marshall A&P#3039019

YEAR:	RECORDING TACH TIME	TODAYS 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				

Telephone
(FVX) 434-392-9016
(MTV) 276-957-6110

HEART OF VIRGINIA AVIATION
Blue Ridge Regional Airport
Farmville Regional Airport
130 Wedgewood Drive
Farmville, Virginia 23901

FAX
(FVX) 434-392-9046
MTV 276-957-2292

N1660H Piper PA28-161 Jan. 30, 2006

Aircraft Tach Time: 4313.31

1. Removed right hand fuel tank and sending unit.
2. Replaced right hand fuel sender with overhauled S/W 68101-002 from Air parts of Lock haven.
3. Corrosion treated wing surfaces and reinstalled tank.
4. Operational check performed and found satisfactory with no leaks.


All work done in accordance with piper pa-28-161 Maint. Manual, And aircraft is approved for return to service.

Heart of Virginia Aviation

Daniel Mcsherry

3110300, A&P

signed



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RECORDING
TACH
TIME

TODAYS
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.)

N1660H

Piper PA28-161

February 15, 2006

Aircraft Tach Time: 4325.9

Shop # 06-0694

Aircraft Hobbs Time: 4859.9

Replaced battery with new G-35 (s/n: G02103801). Installed new ground wire. All work done in accordance with Piper Service Manual and the Aircraft is approved for return to service


Tommy L Grimes A&P4660938071A


Heart of Virginia Aviation
11152 Airpark Road
Ashland, VA 23005

Heart of Virginia Aviation

130 Wedgewood Drive
Farmville, VA 23901
N1660H



Piper PA28-161

- Aircraft total time: 4368.9
- I certify this aircraft has been serviced and inspected in accordance with a 100 hour inspection per Piper PA 28-161 Maint. Manual and was determined to be in airworthy condition.
- 1. Serviced and inspected all flight and engine controls.
- 2. Serviced and inspected all landing gear components.
- 3. Replaced stabilator bushings.
- 4. Inspected ELT per FAR 91.207(d)
- 5. Replaced both main and one nose tire.

Daniel Mcsherry

A&P3110300

Daniel Mcsherry

Phone (434) 392-9009

Fax (434)-392-9046

April 3, 2006

Actions, Tests, Repairs and Alterations

d with Name, Rating and Certificate Number of
cility. (See back pages for other specific entries.)

N1660H

Aircraft Tach Time: 4469.4

Aircraft Total Time: 4469.4

June 23, 2006

Work Order 06-0806

Complied with a 100 Hour inspection in accordance with FAR 43 Appendix D. Opened all panels, inspected and checked installed components for general security and condition. Lubricated all flight controls and landing gear. Drained and serviced main fuel strainer. Complied with ELT inspection in accordance with FAR 91.207(d).. Replaced gyro filters P/N's B3-5-1 and D9-18-1. Relined brakes. Installed new primer O-rings.

I certify that this Aircraft has been inspected in accordance with a 100-hour inspection and is found to be in an airworthy condition and is approved for return to service.

James E. Parkman

James E. Parkman AP230135852

Heart of Virginia Aviation
11152 Airpark Road
Ashland, VA 23005

YEAR:	RECORDING TACH TIME	TODAYS 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				

Heart of Virginia Aviation
Piper PA-28-161

5-May-06
Work Order#06-0752

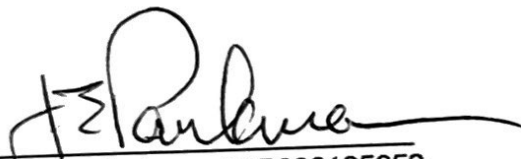
N1660H

S/N:28-7716037

Tach Time: 4411.6

Hobbs Time: 0.1

Removed and replaced hobbs meter with new(p/n: 100690). Hobbs meter replaced at 4956.3. Installed new landing light (p/n: 4509). All work done in accordance with Piper PA-28-161 maintenance manual.



James E. Parkman A&P230135852

Heart of Virginia Aviation
Hanover County Airport
11152 Airpark Road
Ashland, VA 23005
(804)798-6500



<http://www.flyhova.com/hanover>

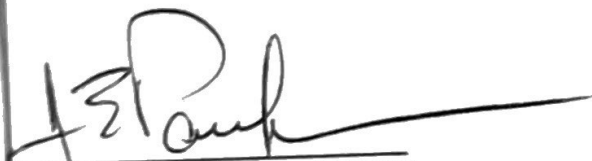
KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

YEAR:	RECORDING TACH TIME	TODAYS 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				

N1660H
 S/N: 28-7716037
 Tach Time: 4443.9
 Hobbs Time: 39.2

Heart of Virginia Aviation
 Piper PA-28-161
 13-Jun-06
 Work Order#06-0786

Installed new speed fairing bracket clips (p/n: 63342-000 & p/n: 63341-000),
 repaired support structure with sheet metal patch. All work done in accordance
 with the PA28-161 maintenance manual and AC 43.13.


 James E. Parkman A&P230135852

Heart of Virginia Aviation
 Hanover County Airport
 11152 Airpark Road
 Ashland, VA 23005
 (804)798-6500



<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500



Heart of Virginia Aviation
CRS H70R844W

The Altimeter, Static System and Automatic Altitude Reporting System test as required by FAR 91.411 have been performed and found to be in compliance with FAR 43, Appendix E. The Altimeter was tested to 18,000 ft. on Date 6/15/06.

Burke D. Smith
Inspector for
Heart of Virginia Aviation
CRS H70R844W

HOV-103

The ATC Transponder tests required by FAR 91.413 have been performed and found to be in compliance with FAR 43 Appendix F.

#1 Make Garmin Model GTX-327 SN: 43717086
#2 Make N/A Model N/A SN: N/A
Date 6/15/06 WO # 2006-15

Burke D. Smith
Inspector for
Heart of Virginia Aviation, Inc
CRS# H70R844W

HOV-104

Altimeter Test and Inspection Report
Heart of Virginia Aviation, Inc.

HOV-102 R1
CRS H70R844W

Customer <u>Cost Eclipse</u>		Work Order # <u>2006-15</u>
Aircraft # <u>N166CH</u>	Aircraft Make/Model <u>Piper PA-28-161</u>	
Preliminary Inspection Findings		
Inspected By <u>Burke D. Smith</u>	Date <u>6/15/06</u>	

Table I				
Altitude Feet	Equivalent Pressure	Tolerance +/-	Altitude Error	Encoder Error +/- 128 ft.
-1,000	31.018	+/- 20	10	✓
0	29.921	+/- 20	-10	✓
500	29.545	+/- 20	12	✓
1,000	28.959	+/- 20	11	✓
1,500	28.335	+/- 20	10	✓
2,000	27.821	+/- 30	30	✓
3,000	26.817	+/- 30	30	✓
4,000	25.842	+/- 35	30	✓
6,000	23.978	+/- 40	30	✓
8,000	22.224	+/- 50	30	✓
10,000	20.577	+/- 60	30	✓
12,000	19.029	+/- 90	60	✓
14,000	17.571	+/- 100	60	✓
16,000	16.216	+/- 110	60	✓
18,000	14.942	+/- 120	60	✓
20,000	13.750	+/- 130		
22,000	12.638	+/- 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	20
2,000	70	20
3,000	70	40
5,000	70	35
10,000	60	15
15,000	90	60
20,000	100	
25,000	120	
30,000	140	
35,000	160	
40,000	180	
50,000	250	

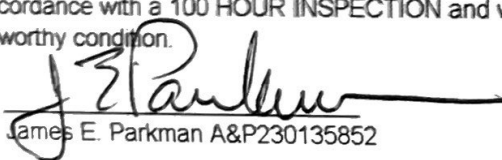

Table IV - Pressure-Altitude Difference Scale Error Test		
Pressure (Inches of Hg)	Altitude Difference (feet)	Result Tolerance +/- 28 ft.
28.10	-1702/-1752	1120
28.50	-1315/-1365	1250
29.00	835/-888	545
29.5	367/-417	
29.92	25/+25	
30.50	+508/+556	
30.90	+868/+918	
30.99	+949/+999	

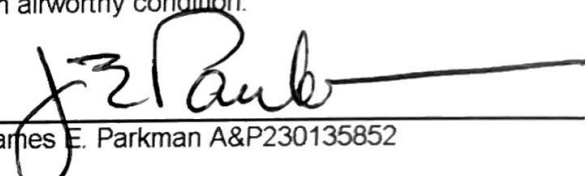

Table II - Test Tolerances	
Test	Tolerance (feet)
Case Leak Test	60
Hysteresis Test	
First Point (50 % max Alt.)	9K +40 +/- 75
Second Point (40 % max Alt.)	7.2K +40 +/- 75
After Effect Test	+30 +/- 30

Final Inspection <u>Burke D. Smith</u>	Date <u>6/15/06</u>
Authorized Signature	Date

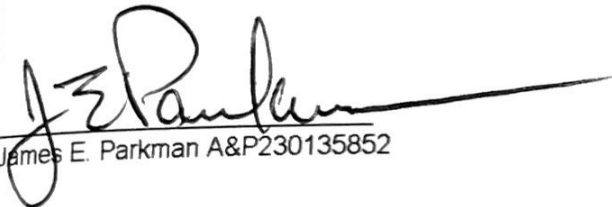
HOV-102 R1

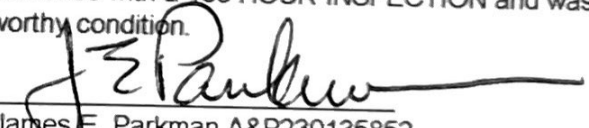
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

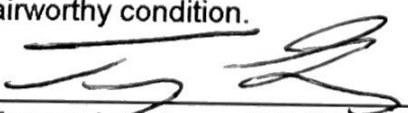
Heart of Virginia Aviation		23-Jun-06
N1660H	PA28-161	Work Order#06-0806
S/N:28-7716037		Tach Time: 4469.5
Total Time: 4469.5		
Complied with a 100 hour inspection in accordance with FAR 43 app. D and the PA28-161 maintenance manual.		
<ol style="list-style-type: none"> 1. Opened all panels 2. Inspected and lubricated all flight and engine controls. 3. Inspected and lubricated all landing gear components. 4. ELT inspected per FAR 91.207(d) 5. Inspected and packed all wheel bearings. 6. Removed wheel fairings from MLG. 7. Replaced vac filter with new B3-5-1 8. Replaced central vac. Filter with new D9-18-1. 9. Replaced both MLG brake linings with new. 		
I certify that this aircraft's airframe have been serviced and inspected in accordance with a 100 HOUR INSPECTION and was determined to be in an airworthy condition.		
 James E. Parkman A&P230135852		
Hanover County Airport 11152 Airpark Road Ashland, VA 23005 (804)798-6500		
		
http://www.flyhova.com/hanover		
KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

Heart of Virginia Aviation		23-Jun-06
N1660H	PA28-161	Work Order#06-0806
S/N:28-7716037		Tach Time: 4469.5
Total Time: 4469.5		
Painted face dressed blades. Checked track. I certify that this propellor has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.		
 James E. Parkman A&P230135852		
Hanover County Airport 11152 Airpark Road Ashland, VA 23005 (804)798-6500		
		
KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

YEAR:	RECORDING TACH TIME	TODAYS 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				

Heart of Virginia Aviation	
N1660H S/N:28-7716037 Total Time: 4488.9	PA28-161 12-Jul-06 Work Order#06-0813 Tach Time: 4488.9
Removed and replaced alternator with overhauled unit. Removed and replaced landing light with new GE4509. All work done in accordance with PA28-161 maintenance manual.	
 James E. Parkman A&P230135852	
Hanover County Airport 11152 Airpark Road Ashland, VA 23005 (804)798-6500 KOFP - 11152 Airpark Road - Ashland	

Heart of Virginia Aviation	
N1660H S/N:28-7716037 Total Time: 4579.3	PA28-161 28-Aug-06 Work Order#06-0855 Tach Time: 4579.3
Complied with a 100 hour inspection in accordance with FAR 43 app. D and the PA28-161 maintenance manual.	
<ol style="list-style-type: none"> 1. Opened all panels 2. Inspected and lubricated all flight and engine controls. 3. Inspected and lubricated all landing gear components. 4. ELT inspected per FAR 91.207(d) Installed new battery due: 03/11 5. Inspected and packed all wheel bearings. 6. Repaired pilot and co pilot seat back recline mechanisms. 7. Installed new nose wheel bearings and races. 8. Installed new air intake tubing. 	
I certify that this aircraft's airframe have been serviced and inspected in accordance with a 100 HOUR INSPECTION and was determined to be in an airworthy condition.	
 James E. Parkman A&P230135852	
Hanover County Airport	

Heart of Virginia Aviation	
N1660H Total time 4579.3	8/28/2006 06-0855
Concurrent with the above inspection, I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.	
 Tommy L. Grimes APA&P466093807IA	



YEAR:	RECORDING TACH TIME	TODAYS 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				

Heart of Virginia Aviation

N1660H
S/N:28-7716037
Total Time: 4579.3

PA28-161

28-Aug-06

Work Order#06-0855

Tach Time: 4579.3

Painted face dressed blades. Checked track. I certify that this propellor has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.


James E. Parkman A&P230135852

Hanover County Airport
11152 Airpark Road
Ashland, VA 23005
(804)798-6500



KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Heart of Virginia Aviation

N1660H
S/N:28-7716037

Piper PA-28-161

22-Sep-06

Work Order#06-0887

Tach Time: 4591.6
Hobbs Time: 220.4

Installed new landing light (p/n: 4509). All work done in accordance with the Piper PA-28-161 maintenance manual.


James E. Parkman A&P230135852

Heart of Virginia Aviation
Hanover County Airport
11152 Airpark Road
Ashland, VA 23005
(804)798-6500




<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

YEAR:	RECORDING TACH TIME	TODAYS 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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Heart of Virginia Aviation			
1660H			11/27/2006 Work order 06-0963

Removed and replaced landing light. Ops check OK.


 Carl C. Clarke AP3163115

<http://www.flyhova.com>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798

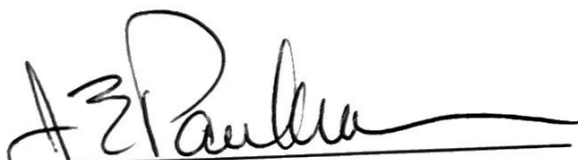
Heart of Virginia Aviation		
N1660H		11/30/2006
Total time	Tach time 4666.9	Work order: 06-973
<p>Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Removed all panels. Lubricated aircraft in accordance with the PA 28 maintenance manual. Inspected and packed all wheel bearings. I certify that this aircraft has been inspected in accordance with a 100 hour Inspection and was determined to be in an airworthy condition.</p>		
<p> James E. Parkman A&P230135852</p>		
<p>http://www.flyhova.com/hanover</p>		
<p>KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500</p>		



1/9/2007
Work Order # 07-1014

N1660H

Removed and replaced LH main landing gear tube and tire. Serviced as required.


James E. Parkman AP 230135852

<http://www.flyhova.com/hanover>

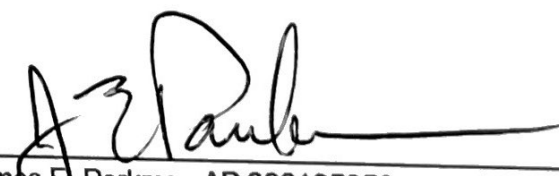
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Inspections, Tests, Repairs and Alterations
Recorded with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

N1660H

1/31/2007
Work Order 07-1047

Installed new push-to-talk switch on LH yoke.


James E. Parkman AP 230135852

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Heart of Virginia Aviation

2/15/2007

of Inspections, Tests, Repairs and Alterations

Tach Time 4725.21

Work Order 07-1072

endorsed with Name, Rating and Certificate Number of

N1660H

Serviced and charged battery.

Heart of Virginia Aviation

('ic entries.)

N1660H

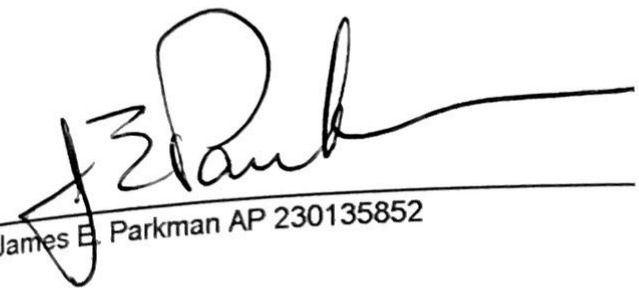
3/30/2007

Total Time 4767.31

Tach Time 4767.31

Work order 07-1122

Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Removed all panels. Lubricated aircraft in accordance with the PA28-161 maintenance manual. Inspected and packed all wheel bearings. Removed and replaced RH and LH main gear brake linings. Replaced cabin door lock. Stop drilled RH wing tip. Stop drilled crack and fabricated and riveted patch on bottom cowl. Replaced landing light, p/n Q4509. Replaced vacuum pressure regulator filter. Replaced sun visors. Replaced alternator noise filter. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.


 James E. Parkman AP 230135852


 Carl C. Clarke AP3163115

KOFP - 11152 Airpark Road - Ashland - VA


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4/2/2007

Work Order 07-1133

N1660H

Replaced interior door handle panel, p/n 79542-006.


James E. Parkman AP 230135852

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Inspections, Tests, Repairs and Alterations
Endorsed with Name, Rating and Certificate Number of
Air Facility. (See back pages for other specific entries.)


Heart of Virginia Aviation

N1660H

4/3/2007

Work Order 07-1137

Removed and replaced co-pilots push to talk switch. Ops check ok.


James E. Parkman AP 230135852

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Heart of Virginia Aviation

4/12/2007

N1660H

Tach Time 4778.99

Work Order 07-1145

Removed and replaced landing light lamp, p/n Q4509. Ops check ok.



James E. Parkman AP 230135852

<http://www.flyhova.com/h>

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of Inspections, Tests, Repairs and Alterations

be endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)

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4/27/2007

N1660H

Work Order 07-1166

Dressed prop as required due to nick in leading edge.



James E. Parkman AP 230135852

<http://www.flyhova.com/hanover>

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Heart of Virginia Aviation

5/11/2007

Work Order 07-1185

N1660H

Tach Time

Removed and replaced landing light bulb, p/n 4509. Ops check ok.



Carl C. Clarke AP3163115


<http://www.flyhva.com>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804) 771-1111

Inspections, Tests, Repairs and Alterations
performed with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation

6/18/2007


Work Order 07-1229

N1660H

Removed battery and placed on charge. Reinstalled battery. Ops check ok.



Carl C. Clarke AP3163115


<http://www.flyhova.com/hanover>

ations
ber of
tries.)

07
07-1229

ck ok.




Heart of Virginia Aviation

7/6/2007

Work Order 07-1252

N1660H

Replace vacuum pump s/n A20645, p/n RA215CC. Ops check ok. Removed and replaced current relay, p/n 455-151. Ops check ok.


Kevin Sparrell A318 ~~215~~ 1

<http://www.flyhova.com>

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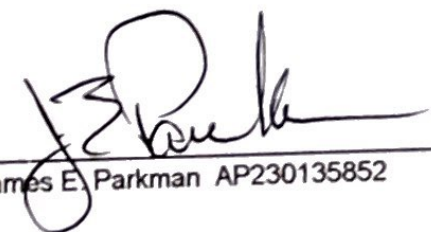
7/9/2007

Work Order 07-1268

N1660H

Tach Time 4877.93

Replaced landing light bulb, p/n Q4509. Ops check ok.


James E. Parkman AP230135852

<http://www.flyhova.com/hanover>

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Heart of Virginia Aviation

15-Jun-07

N1660H

Total time ~~4866.0~~Tach time ~~4763.0~~

4863.0 JP 4863.0 JP

Lubricated and inspected all landing gear components. Lubricated and inspected all engine and flight controls. ELT inspected per FAR 91.207(d). Replaced all vacuum filters. Replaced right main tire and tube. All AD's checked against bi-weekly update. Replaced magneto leads. Repaired cowlings nose bowl. I certify this aircraft has been serviced and inspected in accordance with an Annual inspection and was determined to be in airworthy condition.


 Tommy L. Grimes AP466C A&P3110300
<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804) 798-6500

Inspections, Tests, Repairs and Alterations
 recorded with Name, Rating and Certificate Number of
 Facility. (See back pages for other specific entries.)

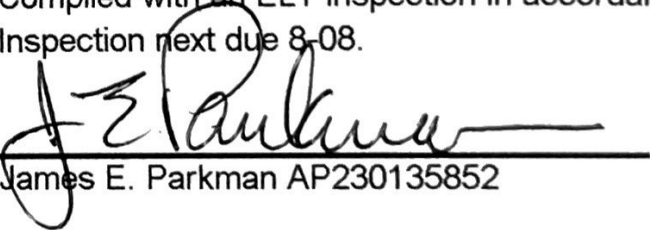
Heart of Virginia Aviation

N1660H

8/27/2007

Work Order 07-1331

Complied with an ELT inspection in accordance with FAR 91.207(d).
 Inspection next due 8-08.


 James E. Parkman AP230135852
<http://www.flyhova.com/hanover>

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7/6/2007

Work Order 07-1252

N1660H

Replace vacuum pump s/n A20645, p/n RA215CC. Ops check ok. Removed and replaced current relay, p/n 455-151. Ops check ok.


 Kevin Spurrell AP3165951


<http://www.flyhova.com>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-65

Inspections, Tests, Repairs and Alterations

Inspected with Name, Rating and Certificate Number of Inspector. (See back pages for other specific entries.)

N1660H

Total Time 4966.10

Tach Time 4966.10

9/21/2007

Work order 07-1355

Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Removed all panels. Lubricated aircraft in accordance with the PA28-161 maintenance manual. Inspected and packed all wheel bearings. Inspected ELT in accordance with FAR 91.207 (d). No defects noted. Battery due 3-2011. Installed new central vacuum filter. Installed vacuum regulator filter. Installed a new nav light switch. Installed new brake linings in LH and RH brakes. Installed new LH and RH brake discs. Repacked pilots RH and LH master cylinders. Serviced and bled brakes. Removed NLG torque links. Installed new attachment bolts, lubricated and reinstalled. Installed new battery after activating and charging. Tightened throttle rod end bolt and resecured with a new cotter pin. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.


 Kevin Spurrell AP3162951


<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Heart of Virginia Aviation

10/18/2007

N1660H

Tach Time 4985.87

Work Order 07-1424

Installed new G35 battery. Ops check ok.


 Kevin Spurrell AF3162951

Heart of Virginia Aviation

11/5/2007

N1660H

Tach Time 5030.33

Work Order 07-1447

Serviced nose strut with air. Replaced missing bolts on LH forward engine baffle as
 lected external power socket and stowed wire due to unit
 ve heat against metal while in use. Placarded inop.

N# 1660H

WO#: A07-1423

DATE: 10/31/2007

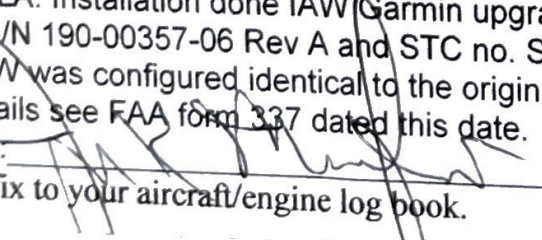


FAA REPAIR STA.


#RSUR804H


VARS-115

The GNS430 was removed and upgraded to a GNS430W unit.
 The existing RG58 cable was removed and replaced with RG142
 GPS antenna cable. Removed a Garmin GA56 GPS antenna and
 installed a Garmin GA35 WAAS antenna S/N 27703 using
 provisions left behind from the previous antenna IAW Garmin
 upgrade manual P/N 190-00357-06 Rev A and STC no.
 SA01933LA. Installation done IAW Garmin upgrade installation
 manual P/N 190-00357-06 Rev A and STC no. SA01933LA. The
 GNS430W was configured identical to the original 430 unit. For
 more details see FAA form 337 dated this date. End.

Signature: 

Please affix to your aircraft/engine log book.


 3163115


<http://www.flyhova.com/hanover>

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Heart of Virginia Aviation

N1660H

Tach Time 5037.84

11/13/2007
Work Order 07-1463

Installed new mag, p/n 4371 s/n 07082261. Ops check ok. Installed new strobe power pack, p/n A413AHDACF. Modified both wingtip flashtube assemblies and beacon flashtube assembly to work with new power pack. System op checks ok. Installed new baffling on LH side of engine by oil cooler.


Kevin Spurrell AF3162951<http://www.fly>

KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)

Inspections, Tests, Repairs and Alterations

Used with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

N# 1660H

WO#: A08-1022

DATE: 1/16/2008

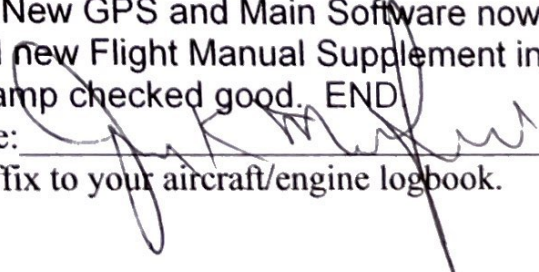


FAA REPAIR STA.

#RSUR804H

VAR-115

Performed Garmin software upgrade to Garmin GNS 430W S/N97120940 in accordance with Garmin Service Bulletin 0740A. New GPS and Main Software now at version 3.00. Installed new Flight Manual Supplement in aircraft POH. GNS 430W ramp checked good. END

Signature: 

Please affix to your aircraft/engine logbook.

Heart of Virginia Aviation

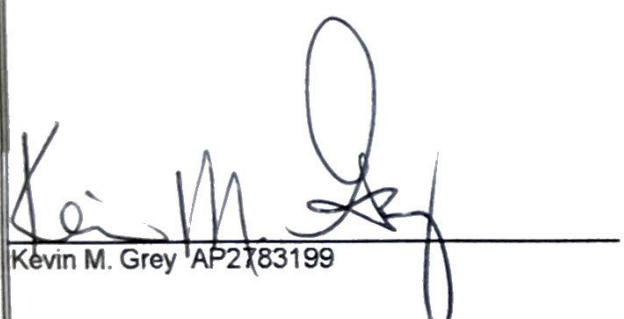
3/7/2008

Work order 07-1488

N1660H

Tach Time 5043.69

Installed overhauled alternator, p/n 4111810, s/n H113953. Installed alternator belt, p/n 9335. Installed new wiring from alternator to ammeter through firewall. Installed Bogert Low Loss Cable Kit, p/n 03M-KIT. Installed in accordance with STC SA3531NM. Installed new carb heat cable, p/n 554-093. Installed engine mount, p/n 35122-20, s/n B4940 after repair by Kosola & Assoc, repair station # HE4R229M. Installed new RH main landing gear tube and retread tire. Repacked and serviced nose strut. Repaired broken engine baffling as required. Installed new throttle control cable, p/n MC455-350. Installed new mixture control cable, p/n MC455-352. Installed new nav light reostat, p/n 587-779. Installed new fuel tank drain on RH fuel tank, p/n CCA-1550.


 Kevin M. Grey AP2783199

<http://www.flyhova.com>

KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)79

Inspections, Tests, Repairs and Alterations
 Inspected with Name, Rating and Certificate Number of
 Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation


3/14/2008

Work Order 08-1622

N1660H

Tach Time 5054.11

Installed new grommet on shaft of carb heat flapper valve. Adjusted carb heat control rigging. Ops check ok.


 Carl C. Clarke AP3163115

<http://www.flyhova.com/hanover>

KOPF - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Heart of Virginia Aviation

3/24/08

3/24/2

N1660H

Tach Time 5061.33

Work Order 08-1

08-1634

Removed nose wheel. Inspected tire and tube. Installed new nose wheel tube.
Reinstalled nose wheel.

Carl Clarke

Carl C. Clarke AP3163115

<http://www.flyh>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)7

Heart of Virginia Aviation

130 Wedgewood Drive
Farmville, VA 23901

N1660H

PA28-161

Aircraft Tach : 5064.41 Aircraft total time 5064.41

Concurrent with the above inspection I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Tommy L Grimes
A&P466063807IA

Tommy L Grimes

Heart of Virginia Aviation

130 Wedgewood Drive
Farmville, VA 23901

N1660H

PA28-161

Aircraft Tach : 5064.41 Aircraft total time 5064.41

I certify this aircraft has been serviced and inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.

Lubricated and inspected all landing gear components. Lubricated and inspected all flight controls. ELT inspected per FAR 91.207(d). Battery due march 2011. Repacked parking brake and pilots left hand master cylinder. Replaced left hand hose fitting to brake caliper. Installed new elevator trim tab hinges on the outboard left and right sides, 4 sets. Installed new elevator jackscrew and shaft with new bearings. Rigged trim cable. Replaced right hand aft aileron rod end. Complied with AD 81-23-05 rear seat springs. Secured wires away from control cables. Complied with AD 95-26-13 oil cooler hoses by inspection.

All operation and leak checks satisfactory and aircraft is approved for return to service.

Daniel T. Mcsherry
A&P3110300

Daniel T. Mcsherry

Phone (434) 392-90

Fax (434)-392-90

April 16, 2008

Phone (434) 392-9009

Fax (434)-392-9046

April 16, 2008



Fax (434)-392-9046

May 9, 2008

Removed right hand fuel tank. Removed sending unit from tank. Found float and float securing washer in tank. Removed contamination from tank. Installed new sending unit with new gasket. Inspected wing interior for corrosion. No corrosion found. Installed tank with several new screws. All operation and leak checks satisfactory and aircraft is approved for return to service. All work done in accordance with PA28-161 Maint. Manual.

Ronald L Hawkins
A&P2705318

A&P 2705318

Ronald L Hawkins
A&P2705318

Sections, Tests, Repairs and Alterations
 ed with Name, Rating and Certificate Number of
 acility. (See back pages for other specific entries.)

Heart of Virginia Aviation

N1660H

Tach Time 5115.11

610/08
Work Order 08-1760

Reconnected wires behind hobbs meter. Ops check ok.

Carl C. Clarke AP3163115

<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Heart of Virginia Aviation

N1660H

Tach Time 5133.11

7/10/2008
Work Order 08-1786

Reinstalled Garmin GTX 327 transponder, s/n 83717086, after repair by Bay Avionics, CRS# HM1R197K. Installed overhauled altimeter, p/n 5934P-1A.56, s/n G2222.



Kevin M. Grey AP2793199

<http://www.flyhova.com>

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Inspections, Tests, Repairs and Alterations

Inspected with Name, Rating and Certificate Number of Inspector and Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation

N1660H

Tach reads: 5133.11

7/15/2008
Work Order 08-1786

Installed new altitude encoder p/n SSD120-30N. Performed static leak check and altimeter correspondence test in accordance with Far 91.417. Performed a temporary repair to pilot LH side window in accordance with AC 43.13-2b. Repaired instrument panel lighting wiring as required. All repaired systems operational check OK.


Kevin Spurrell AP3162951<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 20,000 ft.

PN 5934P-1A.56 SN 612222

WO# 119992 DATE 4-25-08

Inspection N/A

Altimeter Type: ☐ Encoding ☒ Standard

☒ Mid-Continent Instrument Co. - Wichita, KS

☐ Mid-Continent West - VanNuys, CA

Description of Inspections Tests Repairs and Alterations

The ATC Transponder tests required by FAR 91.413 have been performed and found to be in compliance with FAR 43 Appendix F.

#1 Make GARMIN Model GTx 327 SN: 8371708

#2 Make — Model — SN: —

Date 7-29-08 WO # 2007-34

J E Parkins

Inspector for
Heart of Virginia Aviation, Inc
CRS# H70R844W

HOV-104

4. Organization Name and
FAA

INSTRUMENTS

Altimeter S/N	Part No.
<u>612222</u>	<u>5934P-1A.56</u>
REFERENCE ALTITUDE IN FT.	ALTIMETER READS
15000	
16000	<u>15,100</u>
18000	<u>16,080</u>
20000	<u>18,060</u>
22000	<u>20,050</u>
25000	
30000	
35000	
40000	
45000	
50000	
55000	

Date: 4-25-08

☐ MID-CONTINENT INSTRUMENTS WEST

16320 Stag Street
Van Nuys, CA 91406 USA
Tel 800-345-7599 • 818-786-0300
FAA Repair Station # OL2D061L

N1660H

8/11/2008

Total Time 5162.14

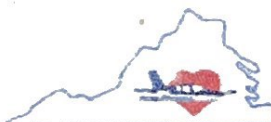
Tach Time 5162.14

Work order 08-1832

Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Removed all panels. Lubricated aircraft in accordance with the PA28-161 maintenance manual. Inspected and packed all wheel bearings. Installed vacuum regulator filter. Installed new engine baffle, p/n T-95182, in various areas as required. Reattached baffle in front and rear with safety wire and washers. Installed new RH wing attach bolt cover, p/n 63942-01. Safety wired capacitor on alternator. Installed new pilot yoke U-joint, p/n CA62834-02. Installed new pilot's side window, p/n LP-792SG in accordance with maintenance manual. Installed new carpet in aircraft and secured in place with Velcro as required. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.

Carl Ueber

Carl C. Clarke AP3163115



<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Inspections, Tests, Repairs and Alterations

rsed with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation

10/3/2008

N1660H

Tach Time 5197.49

Work Order 08-1925

Disconnected old wires from landing light and installed 2 new wires with new terminals. Sanded nose bowl and fiberglassed wires down away from exhaust. Applied high temp silicone over fiberglass for extra security. Connected landing light. Ops check ok.



Carl C. Clarke AP3163115

<http://www>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (8

Sections, Tests, Repairs and Alterations
ed with Name, Rating and Certificate Number of
acility. (See back pages for other specific entries.)

Heart of Virginia Aviation

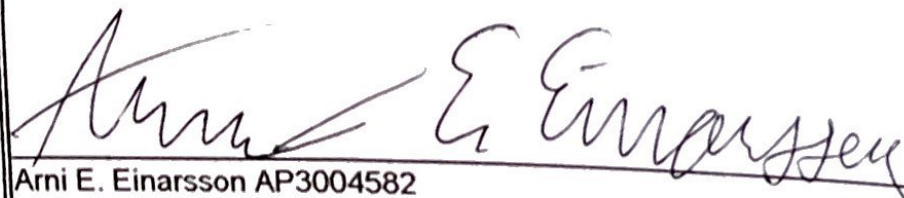
Tach : 5193.09

10/22/2008

Work Order # 08-1909

N1660H

Removed damaged RH main gear fairing and replaced with new fairing and hardware.



Arni E. Einarsson AP3004582

F.A.A. - P.M.A.
AIRTEX PRODUCTS, INC.

NUMBER

45722

PART	<input type="checkbox"/>	CARPET
PART	<input type="checkbox"/>	COWL PAD
PART	<input checked="" type="checkbox"/>	CUSHION UPHOLSTERY
PART	<input type="checkbox"/>	HEADLINER
PART	<input type="checkbox"/>	WALL PANELS
PART	<input type="checkbox"/>	BAGGAGE COMPARTMENT
PART	<input type="checkbox"/>	FIREWALL COVER
PART	<input type="checkbox"/>	SEAT SLINGS
PART	<input type="checkbox"/>	HAT SHELF PAD

ELIGIBILITY

pipe PA 28/161 1980

Description of Inspections, Tests, Repairs and Alterations
 s must be endorsed with Name, Rating and Certificate Number of
 ician or Repair Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation

130 Wedgewood Drive
 Farmville, VA 23901

N1660H

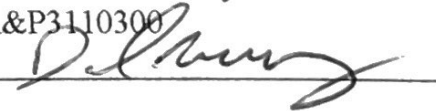
PA28-161

Aircraft Tach : 5179.92

Removed upholstery from all seats. Installed upholstery kit received from Airtex.
 All fabric conforms to the fire resistance requirements of FAR 23.853.

Daniel T. Mcsherry

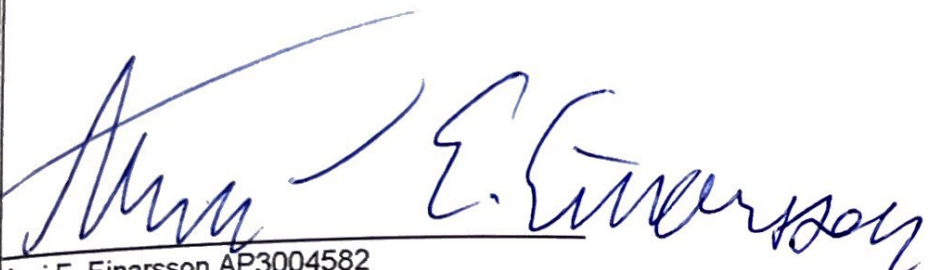
A&P3110300




Phone (434) 392-9009

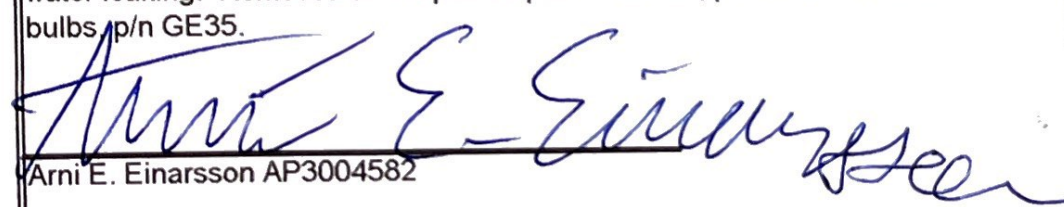
Fax (434)-392-9046

JUNE 25, 2006

Heart of Virginia Aviation	
N1660H	Tach : 5238.3
	11/19/2008
	Work Order # 08-1990
Repaired broken instrument panel solder joint.	
	
Arni E. Einarsson AP3004582	

specions, Tests, Repairs and Alterations
 rsed with Name, Rating and Certificate Number of
 Facility. (See back pages for other specific entries.)

<http://www.flyh>
 KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)7

Heart of Virginia Aviation	
N1660H	Tach : 1019.5
	11/6/2008
	Work order: 08-1971
<p>Complied with a 50 hr inspection. Drained oil, removed filter and inspected. No defects noted. Replaced with new filter, p/n AA48110-1. Serviced engine with 8 qts Aeroshell 15W-50 oil. Inspected and lubricated aircraft seat rollers and tracks. Cleaned and re-painted trim indicator. Sealed front panel with silicon to prevent water leaking. Removed and replaced potentiometer, p/n 67436-05 and two bulbs p/n GE35.</p>	
	
Arni E. Einarsson AP3004582	

WARNING

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 320 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.

FAA-PMA Approved

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in Unison Industries' L-1318 Document in the F-1100 Master Service Manual. For LASAR® Magnetos, see L-1500 Manual.

Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Magneto Model No.

4371

Magneto Serial No.

06102602

Date of Installation

12-1-08

L-1543-A

KOFP - 11152 Airpark Road - Ashland - VA - 23005

Inspections, Tests, Repairs and Alterations
Record with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation

Tach Time : 5263.2

1/6/2009

Work order : 09-2046

our inspection in accordance with FAR 43 Appendix D.
abricated aircraft in accordance with the Piper PA28-161
maintenance manual. Inspected and packed all wheel bearings. Installed vacuum
regulator filter. Replaced left and right wheel brake linings, p/n's 066-10500 and
105-00200. Cleaned and flushed LH wheel caliper and installed new piston o-
ring, p/n MS28775-222. Replaced nose wheel bearing, p/n 214-03300 and race,
p/n LM67010. ELT inspected in accordance with FAR 91.207(d). ELT battery
due date: 03/2011. I certify that this aircraft has been inspected in accordance
with a 100 hour inspection and has been determined to be in an airworthy
condition.

Daniel McSherry AP3110300

Heart of Virginia Aviation


Tach : 5271.4

1/26/2009

N1660H

Work Order # 09-2068

Removed and replaced landing light, p/n 4509. Ops check ok.


 Ronald L. Hawkins AP2705318IA

<http://www.flyhova.com>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Inspections, Tests, Repairs and Alterations

Inspected with Name, Rating and Certificate Number of
 Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation

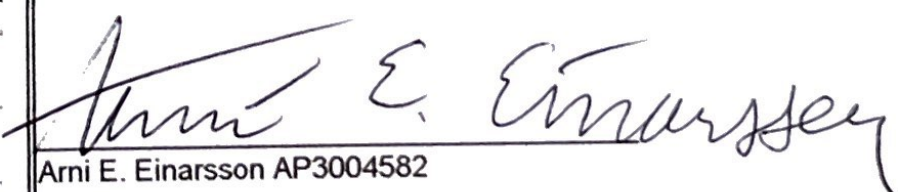
Tach : 5274.66

2/4/2009

N1660H

Work Order # 09-2086

Cleaned contacts on altimeter light bulb and surrounding bulbs. Secured door seal tear with contact cement. Bent door latching mechanism back into place. Ops checks ok.


 Arni E. Einarsson AP3004582

<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Heart of Virginia Aviation

N1660H

Tach : 5284.21

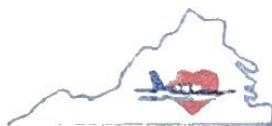
2/23/2009

Work Order # 09-2111

Replaced nose tire tube, p/n 5.00x5.



Ronald L. Hawkins AP2705318IA



<http://www.flyhova.com/hanover>

KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

Inspections, Tests, Repairs and Alterations
 Inspected with Name, Rating and Certificate Number of
 Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation

N1660H

Tach : 5295.88

3/9/2009

Work Order #: 09-2139


Replaced landing light, p/n 4509. Cleaned stall warning switch contacts. Ops
 check ok. Lubricated carb heat cable.



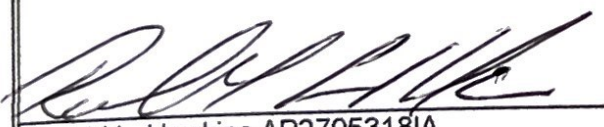
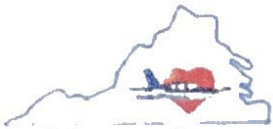
Daniel McSherry AP3110300

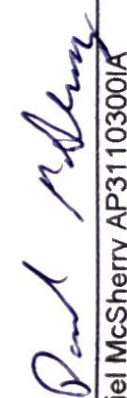


KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

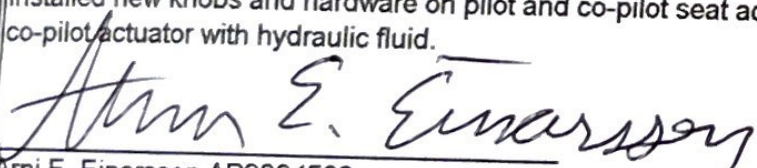
Heart of Virginia Aviation	
N1660H	Tach : 5285.7
3/31/2009	
Work Order : 09-2098	
Removed nose tire and replaced tube, p/n 5.00x5.	
	
Ronald L. Hawkins AP2705318IA	
KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500	


Inspections, Tests, Repairs and Alterations
 Inspected with Name, Rating and Certificate Number of
 Facility. (See www.flyhova.com/hanover for entries.)


Heart of Virginia Aviation	
N1660H	Tach : 5309.69
4/7/2009	
Work Order : A09-2166	
AFTT: 5309.69	
<p>Complied with an annual inspection in accordance with FAR 43 Appendix D. Removed all panels. Lubricated aircraft in accordance with the Piper PA28-161 maintenance manual. Inspected and packed all wheel bearings. Replaced left main tire and tube. Replaced left fuel cap gasket, p/n 462-056. Replaced sleeve, p/n 65258-005, and bushing in jack screw. Cleaned oil from accessory case. Tightened accessory case bolts & magneto bolts. Re-tensioned rudder cables to specs. Bled co-pilot brakes. Ops check ok. Performed ELT inspection in accordance with FAR 91.207(d). Battery due 03/2011. I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition.</p>	
	
Ronald L. Hawkins AP2705318IA	
	
http://www.flyhova.com/hanover	
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Heart of Virginia Aviation	
N1660H	Tach : 5346.37
5/19/2009	
Work Order : 09-2241	
Replaced three missing screws in panel in right wing. Re-secured pilot's right hand rudder pedal pad.	
	
Daniel McSherry AP3110300IA	
KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500	

YEAR:	RECORDING TACH TIME	TODAYS 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				

Heart of Virginia Aviation		
N1660H	Tach : 5348.66	5/22/2009
Work Order : 09-2243		
Installed new knobs and hardware on pilot and co-pilot seat actuators. Serviced co-pilot actuator with hydraulic fluid.		
 Arni E. Einarsson AP3004582		
KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

Heart of Virginia Aviation		
N1660H	Tach : 5357.85	6/1/2009
Work Order : 09-2248		
Straightened bent door latch. Ops check ok.		
 Arni E. Einarsson AP3004582		
KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

N1660H	Heart of Virginia Aviation	6/8/2009
	Hobbs: 1157.6	Work Order : 09-2229
Inspected and lubricated pilot side actuators. Determined they need to be rebuilt. Not an airworthy issue. Installed new knobs and hardware on both pilot and co-pilot side actuators, p/n 471-084.		
 Patrick McHugh AP2790121		
KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500		

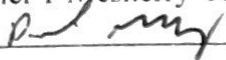
Heart of Virginia Aviation

11152 Airpark rd
Ashland, VA 23005
N1660H

Tach: 5405.29 Aircraft Total Time: 5405.29

I certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Lubricated and inspected all flight and engine controls. Inspected ELT per FAR 91.207(d). Battery due 3/2011. Packed all wheel bearings. Lubricated all landing gear components. See AD listing for compliance.

Daniel T Mcsherry AP31103001A



Phone (804) 798-6500

Fax (804)-798-6544
WO # 09-2349
July 22, 2009

Inspections, Tests, Repairs and Alterations

Used with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F09-2452

N1660H

Tach: 5460.5

September 10, 2009

Removed fuel tank. Treated the wing recess and rear of tank with Corrosion X treatment. Installed new fuel sending unit. Reinstalled fuel tank. All operation and leak checks are satisfactory. Aircraft is approved for return to service.

Daniel Mcsherry A&P31103001A



Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0047

N1660H
Aircraft Tach: 5501.5

January 7, 2010

Replaced nose wheel tire and tube.

Arni E. Einarsson A&P3004582 


Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # AF10-0053

N1660H ATT: 5505.9 Tach: 5505.9 January 13, 2010

certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Lubricated and inspected all light and engine controls. Inspected ELT per FAR 91.207(d). Packed all wheel bearings. Lubricated all landing gear components. Removed right main tire and replaced with re-tread tire and new tube. See AD listing for compliance.

Daniel Mcsherry A&P31103001A 

pections, Tests, Repairs and Alterations
sed with Name, Rating and Certificate Number of
facility. (See back pages for other specific entries.)

Phone (804) 798-6500
Fax (804) 798-6544
WO # F10-0112

February 25, 2010



Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

N1660H
Tach: 5525.2 Hobbs: 1,399.1

Landing light inop. Removed and replaced light bulb with new.

Arni E. Einarsson AP3004582 

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



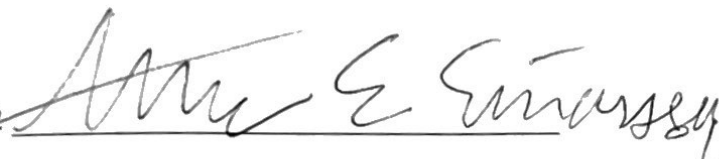
Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-00124

March 11, 2010

N1660H
Aircraft Tach: 5,527.4

Removed parking brake cylinders on pilot, co-pilot, and main master cylinder.
Disassembled, cleaned, bled, and reinstalled all cylinders. Serviced main struts, OPS
check ok.

Arni E. Einarisson AP3004582



Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0240

April 30, 2010

N1660H
Tach Time: 5,554.2

Removed and replaced landing light with new.


Eric T. Sanders AP3432993



Inspections, Tests, Repairs and Alterations

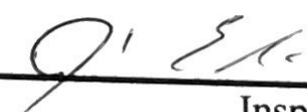
Recorded with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries)

This Altimeter has been tested iaw FAR 91.411
to a maximum altitude of 20,000 ft.

 4/26/10
Inspector for Heart of Virginia, Inc.
CRS H70R844W

HOV-105

The Altimeter, Static System and Automatic Altitude
Reporting System tests as required by FAR 91.411 have
been performed and found to be in compliance with FAR 43,
Appendix E. The altimeter was tested to 20,000 Ft on
Date 4/26/10 WO# PF10-0227

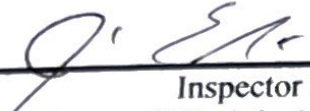

Inspector for
Heart of Virginia Aviation, Inc.
CRS# H70R844W

The ATC Transponder tests required by FAR 91.413 have been performed and found to be in compliance with FAR 43 Appendix F.

#1 Make Garmin Model GTX327 SN: 83717086

#2 Make _____ Model _____ SN: _____

Date: 4/26/10 WO# PF10-0227


Inspector for
Heart of Virginia Aviation, Inc.
CRS# H70R844W

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



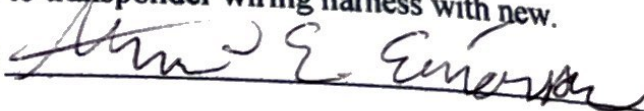
Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0282

June 2, 2010

N1660H
Aircraft Tach: 5,571.6

Removed and replaced encoder to transponder wiring harness with new.

Arni E. Einarisson AP3004582



Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0315

June 21, 2010

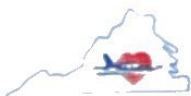
N1660H Tach: 5585.03

Removed and replaced landing light bulb with new. Ops check ok. Removed and replaced right magneto. Wired new P-leads, tested ignition switch, plugs, and wires. Installed points and condenser on left magneto. Retimed magnetos. Ops check ok.

Eric Sanders A&P3432993



Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0327

June 23, 2010

N1660H
Aircraft Tach: 5586.5

Removed and replaced nose tube with serviceable tube.

Eric Sanders A&P3432993

Inspections, Tests, Repairs and Alterations

Recorded with Name, Rating and Certificate Number of
Technician. (See back pages for other specific entries.)

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0367

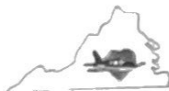
July 16, 2010

N1660H
Aircraft Tach: 5602.32

Repaired beacon wiring by installing new pins. Tested with Whelen strobe tester.
Installed new beacon bulb (P/N: A469B). Ops check ok.

Eric Sanders A&P3432993

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0385

N1660H

July 30, 2010

Aircraft Tach: 5605.15

Aircraft Total Time: 5605.15

I certify this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Inspected and lubricated all flight and engine controls. Inspected and lubricated all landing gear components. ELT inspected per FAR 91.207(d). Replaced carb heat seat tubing. Fabricated new baffle for #4 cylinder. Removed step due to crack. Reinstalled welded step. All operation and leak checks satisfactory and Aircraft is approved for return to service.

Daniel Mcsherry AP31110300IA

actions, Tests, Repairs and Alterations
d with Name, Rating and Certificate Number of
cility. (See back pages for other specific entries.)

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544

N1660H

Aug 2, 2010

Tach Time: 5606.6

Removed and replaced landing light with new (P/N: GE4509)

Eric Sanders AP3432993

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0462

Aug 27, 2010

N1660H
Aircraft Tach: 5614.37

Removed, serviced, and reinstalled battery into aircraft.

Daniel Mcsherry AP31103001A

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0445

Aug 27, 2010

N1660H
Aircraft Tach: 5610.3

Replaced Directional Gyro with overhauled unit (from Kelly Instruments. S/N: T45954E).

Eric Sanders AP3432993

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO #10-0466

N1660H
Tach 5617.13

Sep 1, 2010

Replaced nose tube with new, inflated to 30 psi in accordance with POH. Cut oil filter to check for contaminants, some contaminants found, recommend check in ten hours. Shimmed fastener on pilot rear cowl latch.

Eric Sanders AP 3432993

Inspections, Tests, Repairs and Alterations

Used with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

Sept 1, 2010

Eric Sanders A&P3432993

Sept 10, 2010

Eric Sanders A&P3432993

de
ec
ac



NI660H
Old Tach: 5636.23
New Tach: 0.10
June 13, 2010

Removed and installed new tachometer (p/n: SL1010-64003-10-N00). Replaced Co-pilots and Pilots push to talk switch and replaced wire harness to co-pilots push to talk switch. Re-secured pilots right hand rudder pedal rubber.

Daniel McSherry A&P31103001A

Alterations
(Number of
significant entries.)

[illegible]

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0581

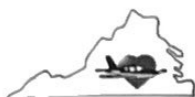
Nov. 5, 2010

N1660H
Aircraft Tach: 5.2

Removed and replaced tach shaft cable (p/n: 486-570). Ops check ok

Eric Sanders A&P3432993

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0596

Nov. 8, 2010

N1660H
Aircraft Tach: 6.9

Removed and replaced nav. light bulb (p/n: W1290-14V)

Daniel McSherry A&P3110300IA

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0601

Nov. 10, 2010

N1660H
Aircraft Tach: 7.7

Removed and replaced push to talk switch with new (p/n: MSPS103C). Ops check ok.

Arni E. Einarsson A&P3004582

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F10-0627

Nov. 29, 2010

N1660H
Aircraft Tach: 22.9

Installed heli coil on stripped rudder trim knob. Ops check ok.

Eric Sanders A&P3432993

Inspections, Tests, Repairs and Alterations
dorsed with Name, Rating and Certificate Number of
ir Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # F11-0708

Inspections, Tests, Repairs and Alterations
Identified with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

- N1660H
Aircraft Tach: 34.6

Jan 6, 2011

Removed and replaced landing light bulb with new (p/n: GE4509). Ops check ok.

- Eric Sanders A&P3432993

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # A11-0749

- N1660H

Feb 7, 2011

Aircraft Tach: 42.5 Aircraft Total Time: 5670.83

Engine Total Time: 5670.83 TSO: 1902.03 Prop 1902.03

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Inspected and lubricated all flight and engine controls. Inspected and lubricated all landing gear components. ELT inspected per FAR 91.207(d). Complied with AD2010-15-10 control wheel, by accomplishment of Piper SB NO 1197C, no defects noted. Complied with AD 81-23-05 seat springs and battery box by inspection. Drained oil and removed filter no contamination found. Serviced with 7 quarts of Aeroshell 15W50 oil and added new filter. Engine cylinder compressions: 1/72, 2/72, 3/71, 4/70. Cleaned, gapped, tested and rotated spark plugs. All operation and leak checks satisfactory and Aircraft is approved for return to service.

- Daniel Mcsherry AP3110300IA



N1660H
Aircraft Tach: 56.1 Aircraft total time: 5684.43

March 14, 2011

Eric Sanders A&P3432993

Eva Gjess

N1660H
Aircraft Tach: 57.2

March 21, 2011

Daniel McSherry AP3110300IA

bulb with new (p/n: GE45

Pat. Kury

Aircraft Tach: 86.8

Phone: 804-798-6500
Fax: 804-798-6544
WO # F11-1117

Sept 15, 2011

Removed Comm 1 radio and sent to Garmin for repair. Radio repaired by Garmin and sent back to Heart Of Virginia Aviation. Reinstalled Garmin radio (p/n: 011-01060-40) (s/n: 97120940). Ops check ok.

Anna Brown AP3434273

Anna Brown

Inspections, Tests, Repairs and

Sept 23, 2011

Aircraft Tach: 98.7
Removed and replaced landing light bulb with new (p/n: GE4509). Ops check ok.

Ann Brown

The ATC Transponder tests required by FAR 91.413 have been performed and found to be in compliance with FAR 43 Appendix F.

#1 Make Garmin Model GTx322 SN: 83745157

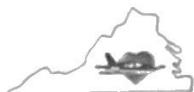
#2 Make _____ Model _____ SN: _____

Date: 11-21-12 WO# P12-1815

Inspector for
Heart of Virginia Aviation, Inc.
CRS# H70R844W

Inspections, Tests, Repairs and Alterations
 listed with Name, Rating and Certificate Number of
 Facility. (See back pages for other specific entries.)

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
WO # AF12-1783

Inspections, Tests, Repairs and Alterations
Endorsed with Name, Rating and Certificate Number of
Air Facility. (See back pages for other specific entries.)

N1660H

Nov. 26, 2012

Aircraft Tach: 115 Aircraft Total Time: 5743.33

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Inspected and lubricated all flight and engine controls. Inspected and lubricated all landing gear components. ELT inspected per FAR 91.207(d). Replaced Aircraft Battery. Installed overhauled magnetos both left and right. Installed overhauled alternator. Replaced heat elements inside Pitot tube. Replaced left main tire and tube. Replaced nose tire. Removed Altimeter and VSI for overhaul. Reinstalled after overhaul. Replaced Amp gauge with Electronics international VA-1A. See 337 dated 11-26-2012. All operation and leak checks satisfactory and Aircraft is approved for return to service.

Daniel Mcsherry AP3110300IA

N1660H

NOV. 19, 2020

TACH 120.3

AIRCRAFT HAS BEEN INSPECTED AND WAS
DETERMINED TO BE SAFE FOR THE INTENDING FLIGHT.

Tommy L. GAINES AOP 3554553

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

NT69EC

N1660H

Aircraft Tach: 122.1

Aircraft Total Time: 5750.43

Engine Total Time: 5750.43 TSO: 1981.63 Prop 1981.63

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. All operation and leak check satisfactory at this time and aircraft is approved for return to service.

Stephen M Leo AP36780281A



Phone: 804-798-6500
Fax: 804-798-6544
Dec 10, 2020

Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005

NT69EC

N1660H

Aircraft Tach: 122.1

Aircraft Total Time: 5750.43

Engine Total Time: 5750.43 TSO: 1981.63 Prop 1981.63

Inspected and lubricated all landing gear components. Removed and replaced left main tire. Removed and replaced rear nav light bulb. Removed and replaced vacuum induction and garter filter. Removed and replaced ELT batteries. ELT F-01 SN: 52899 inspected per FAR 91.207(d); battery due Mar 2030. Complied with AD 81-23-05 seat springs and battery box by inspection. CW AD2013-02-13 Horizontal stabilator control system by visual inspection for cracks on turnbuckles; next due 2122.1 or by 12/2027 WCF. (continued on next entry)



Phone: 804-798-6500
Fax: 804-798-6544
Dec 10, 2020

Sectioned with facility. (

(continued from last entry) CW AD2018-07-03 Fuel tank selector cover by visual inspection of orientation of fuel tank fuel selector valve cover. Researched ADs bi-weekly through 2020-25. All operation and leak check satisfactory and Aircraft is approved for return to service.

Stephen M Leo AP3678028

ations
er of
tries.)

The ATC Transponder tests required by FAR 91.413 have been performed and found to be in compliance with FAR 43 Appendix F.

#1 Make GARMIN Model GTX 330ES SN: 84140817

#2 Make _____ Model _____ SN: _____

Date 26 OCT 21 WO # P21-13108

[Handwritten signature]

Inspector for

Heart of Virginia Aviation, Inc

CRS# H70R844W HOV-104

The Altimeter, Static System and Automatic Altitude Reporting System test as required by FAR 91.411 have been performed and found to be in compliance with FAR 43, Appendix E. The altimeter was tested to 20,000 ft. on Date 26 OCT 21

to 20,000 ft. on Date 26 OCT 21

WO# P21-13108

Koh

Inspector for

Heart of Virginia Aviation, Inc

CRS# H70R844W **HOV-103**

HOV-103

Sections, Tests, Repairs and Alterations

ed with Name, Rating and Certificate Number of
 acility. (See back pages for other specific entries.)

YEAR:	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
DATE		

07-23-2021 N1660H SN: 28-7716037 Tach Time: 131.45 ATT: 5761.78

Removed all flight controls for stripping and painting. Covered windows and all plastic/fiberglass parts for stripping. Stripped aircraft using Aero-Clean PS-3010 Neutral Peroxide stripper. Primmed aircraft with PRM 4200 Epoxy Primer. Installed new Forward Dorsal Fin P/N: 99621-00. Installed new Vertical Fin Cap P/N: 99035-03. Installed new LH Wing Tip P/N: 35115-00. Installed new LH/RH Wing Bolt Cover P/N: H63942-00, H63942-01. Applied BRI 9148 Matterhorn White base coat. For stripes, and N Numbers PPG colors: Midnight Blue: 19880 and Las Vegas Gold: 27816. All flight controls were checked for balance and installed using new AN hardware per IPC. Installed new Timken Wheel Bearings and Races on nose wheel and LH/RH main wheels P/N: 04-02169, 04-02168, 13889-20629, 13836-20629. All work done IAW Piper Service Manual P/N 761-539. Installed new Whelen LED Landing Light P/N: PAR36, Whelen LED Beacon Light P/N: 11-07686, Whelen LED Rear Position Light P/N: 11-10686, Whelen LED Green Wing Tip Light P/N: 005-OR6501G, Whelen LED Red Wing Tip Light P/N: 005-OR6501R all IAW Whelen installation instructions.

-----END-----

N.R. Butterworth

Neal Butterworth B366-636-71-0555-0

Approved for return to service with respect to above work performed.

Tommy L. Grimes

Tommy L. Grimes AP466093807IA

YEAR:	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
DATE		

08-03-2021 N1660H SN: 28-7716037 Tach Time: 131.45 TSMOH: 00.00
 Removed engine O-320-D3G SN: L-7172-39A and sent out for overhaul by J.B. Aircraft Engine Service.
 Installed overhauled engine O-320-D3G SN: L-7172-39A. Flushed oil cooler and oil lines and installed.
 Installed exhaust system. Installed carburetor. Fabricated new line from fuel pump using Stratoflex Hose
 P/N: 111-6 and Stratoflex Fire sleeve P/N: 2650-12 and installed. Installed alternator and starter.
 Connect all wires and hoses. Add 8 quarts of Aeroshell Mineral Oil P/N: AS-100MIN.
 Fabricated and installed new baffles and chafe material. Rebuilt carburetor heat box using P/N: 35515-06
 Airbox Bottom and 87327-02 Airbox Valve and installed. Installed propeller and safety wired.
 Installed propeller spinner assembly. All work done IAW Piper Service Manual P/N 761-539.
 Operated engine IAW Piper before flight run up procedures and J.B. Aircraft Engine Service Engine Ground
 Test After Overhaul instructions.
 Checked for oil leaks, none noted. Engine operation found to be normal.

----- END -----


 Neal Butterworth B366-636-71-0555-0

Approved for return to service with respect to above work performed.


 Tommy L. Grimes AP466093807IA