

AIRCRAFT

1. Nationality and Registration N571DS
2. Manufacturer's Designation DA 40
3. Manufacturer's Serial Number 40.571
4. Type Approval or Specification Number A-224 / A47CE
5. Date of Manufacture 2005
6. Aircraft Inspection Cycle _____

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	0	0	0	0	AIRCRAFT NEW WITH HARTZELL PROPELLER INSTALLED AS PER SPEC



DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

SERIAL NUMBER

REGISTRATION MARK

DATE

INSPEC

40.571

N571DS

18 October, 2005



13 OCTOBER 2005 S/N 40.571
COMPASS DEVIATION, ALL ELECTRICS ON

FOR	N	30	60	E	120	150
STEER		360	030	060	090	119
FOR	S	210	240	W	300	330
STEER		181	211	240	270	300



INDEPENDENT CHECK OF FLIGHT AND POWERPL

DATE

INSP

18 October, 2005

OCT 18 2005	0	0	0	0	AIRCRAFT SERVICEABLE FOR FLIGHT
OCT 18 2005				2.5	
OCT 19 2005				2.5	AIRCRAFT SERVICEABLE FOR FLIGHT
OCT 19 2005				3.6	
OCT 20 2005				3.6	AIRCRAFT SERVICEABLE FOR FLIGHT
OCT 20 2005				3.9	
OCT 21 2005				3.9	ALL DISCREPANCIES RECTIFIED



DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO THE
APPROVED TYPE DESIGN DATA AND IS IN A FIT AND SAFE STATE
FOR FLIGHT.

DATE

INSPECTOR

21 October, 2005

				3.9	CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
AS PER STC No. SA01254411 AMEND. 2		
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	
 	 	

The Static Pressure system has been installed in accordance with Standard 571, of the Airworthiness Manual, and F.A.R. 91:411

INSPECTOR
 2005



DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS) AND IS SERVICEABLE.

INSPECTION DUE: OCTOBER 2006

REGISTRY DUE: DECEMBER 2007

INSPECTOR
 2005

DATE

INSPECTOR

18 October, 2005

 		
 		CA356793
 		CA356793
 		CA356793
 		CA356793
 		



U.S. Standard Airworthiness Certificate, issued:

(Date) OCT 24 2005, has been installed in the aircraft on behalf of NE-MIDO-46 on:

(Date) OCT 24 2005

(Print) R. SALTON (Signature)



Handwritten notes on the right margin: "CA 356793", "MID", "AC".

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			3.9		<p style="text-align: center;">Diamond</p> <p style="text-align: center;">Date: 26 Oct 2005, S/N: 40.571 Reg. #: N571DS W/O RO-05-194 TACH: 3.9 HRS</p> <p>Pins on voltage regulator connector replaced I.A.W Kelly Aerospace Instructions. Ground run of aircraft carried out. Charging system operation Normal.</p> <p>The maintenance described above has been performed in accordance with applicable standards of airworthiness.</p> <p style="text-align: center;">DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL # 161.93</p> <p>Signature <u><i>W. Habersht</i></u> Lic. Or Stamp DA RO</p>

23-50V 06 77.1 Hr
 Install new alternator & repair power lead connector - Kelly Aerospace
 P/N ALU 852125
 Serial F040063
 Martin Stamm #1999797

ARLIN'S AIRCRAFT SERVICE, INC.
38 GALLATIN FIELD BELGRADE, MT (KBZN)
 PHONE 406-388-1351 FAX 406-388-7417

<u>DATE</u>	<u>REGISTRATION</u>	<u>SERIAL #</u>	<u>TAC & TOTAL TIME</u>
24 Feb 06	N571DS	40.571	99.5

Inspection completed this date. Checked cables, control rods, pulleys, lites, brakes, tires, battery. ELT (Due Dec 07). Drained sumps. Cleaned gascolator. Checked wing, gear & tail bolts. C/W MSB-40-044 muffler brace. I certify that this aircraft has been inspected in accordance with a 100 hr inspection & was determined to be in an airworthy condition.

Arlin C. Wass
 ArlinC. Wass A&P 1340061

INSPECTION, REPAIRS & REPLACEMENT

LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

REMOVED Artificial Horizon
 Part # 204-011-944 Part # 25194
 Part # 37.544 Control Valve AT # 1340061
 REMOVED Artificial Horizon
 Part # 25194 + INSTALLED NEW HORIZON
 Part # 25338 TR 186.0
 Control Valve AT # 1340061

[Handwritten Signature]



36 GALLATIN FIELD BELGRADE MT (KBZN)
 PHONE 406-388-1351 FAX 406-388-7417

REGISTRATION N571DS SERIAL # 40-571 TAC & TOTAL TIME 201.8

Inspected this date. Checked cables, control rods, pulleys, lites, brakes, tires, battery, ELT (Due Dec 07). Drained sumps. Cleaned gascolator. Checked wing, gear, & tail bolts. I certify that this aircraft has been inspected in accordance with a 100 hr inspection & was determined to be in an airworthy

[Handwritten Signature]
 AT # 1340061

INSTALLED NEW DUCKS
 Part # 5100-00-9 Part # 6638 + NEW Cyl Head Temp Probe on #2 Cylinders
 Control Valve AT # 1340061



36 GALLATIN FIELD BELGRADE MT (KBZN)
 PHONE 406-388-1351 FAX 406-388-7417

REGISTRATION N571DS SERIAL # 40-571 TAC & TOTAL TIME 303.4

Inspected this date. Checked cables, control rods, pulleys, lites, brakes, tires, battery. ELT (Due Dec 07). Drained sumps. Cleaned gascolator. Checked wing gear and tail bolts. I certify that this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in an air worthy condition.

[Handwritten Signature]
 AT # 1340061

Top
 0170
 STAB
 AC

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COM</small>
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD


ARLIN'S AIRCRAFT SERVICE, INC.
30 GALLATIN FIELD BELGRADE, MT (KBZN)
 PHONE 406-388-1351 FAX 406-388-7417

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
22 AUG 06	N571DS	40-571	399.3

Inspection completed this date. Checked cables, pulleys, control rods, lights, brakes, tires, battery and ELT (due Dec 07). Drained sumps. Cleaned gascolator. Checked wing, gear and tail bolts. Replaced all brake blocks.

[Signature]
Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
22 AUG 06	N571DS	40-571	399.3

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

[Signature]
Arlin C. Wass IA 1340061

15 Sept 06	40550		INSTALLED. RG 24-154 BAITGUY Arlin Wass A&P 1340061
27 OCT 06	471.6		REMOVED WIKES FUEL PUMP SER # 6638 + INSTALLED NEW PUMP SER # 5539. Arlin Wass Ser 8130-3 FLY A&P 1340061


ARLIN'S AIRCRAFT SERVICE, INC.
30 GALLATIN FIELD BELGRADE, MT (KBZN)
 PHONE 406-388-1351 FAX 406-388-7417

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
13 NOV 06	N571DS	40.571	499.3

Inspection completed this date. Checked controls, control rods, pulleys and cables. Checked lights, brakes, tires, battery, and ELT (due Dec 07). Drained sumps and cleaned gascolator. Checked wing, gear and tail bolts. Replaced right brake blocks. I certify that this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition.

[Signature]
Arlin C. Wass A&P 1340061

13 NOV 06	499.2		51A MSD-40-048-2 + AD 2006-23-08 N/A Ser 510 Arlin Wass A&P 1340061
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CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER



ARLIN'S AIRCRAFT SERVICE, INC.

35 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE 406-388-1351 FAX 406-388-7417

REGISTRATION: N571DS SERIAL #: 40-571 TAC & TOTAL TIME: 598.8

Inspected this date. Checked cables, pulleys, control tubes, lights, brakes, tires, battery, drained sumps, cleaned gascolator. Checked wing, gear and tail bolts. Installed two new brake blocks & packed wheel bearings. Replaced all brake blocks. I certify that this aircraft has been inspected in accordance with an 100 hr inspection and was determined to be in an airworthy condition.

[Handwritten Signature]

EE-20161

INSTALLED NEW MIKES FUEL

PUMP 5006801. See 8130-3

Panel. Label shown at P134006

INSTALLATION OF H ALT SOL # F020257

& NEW POWER CABLE FROM INST

PANEL TO THIS ACT.

Label shown at P134006L



ARLIN'S AIRCRAFT SERVICE, INC.

35 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE 406-388-1351 FAX 406-388-7417

REGISTRATION: N571DS SERIAL #: 40-571 TAC & TOTAL TIME: 698.6

Inspected this date. Checked cables, pulleys, control rods, lights, brakes, tires, battery, drained sumps and cleaned gascolator. Checked wing, gear and tail bolts. Replaced wheel torque. I certify that this aircraft has been inspected in accordance with an 100 hr inspection and was determined to be in an airworthy condition.

[Handwritten Signature]

[Vertical handwritten notes on the right margin]

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR CO

BROUGHT FORWARD

ARLIN'S AIRCRAFT SERVICE, INC.
36 GALLATIN FIELD BELGRADE, MT (KBZN)
 PHONE: 406-388-1351 FAX: 406-388-7417

DATE	REGISTRATION	SERIAL #	TAC
30 NOV 07	N571DS	S/N40-571	988.7

Installed new CDU fan, new Avionics Fan, c/ w Garmin 1000 SB0738, replaced alter transient voltage sensor and fuse.

Alan C. Wass
 Alan C. Wass A&P 2386273

ARLIN'S AIRCRAFT SERVICE, INC.
36 GALLATIN FIELD BELGRADE, MT (KBZN)
 PHONE: 406-388-1351 FAX: 406-388-7417

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
09 JAN 08	N571DS	40-571	995.9

One thousand hour inspection completed this date per Diamond maintenance manual check list. Checked lights, brakes, tires, battery, emergency battery, ELT (Due JULY 08). Drained sumps. Cleaned gascolator. Replaced right brake blocks. Comply with AD 2007-17-06 nose leg radius inspection. Next due at 1195.9 hours.

Arlin C. Wass
 Arlin C. Wass A & P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
09 JAN 08	N571DS	40-571	995.9

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

Arlin C. Wass
 Arlin C. Wass IA 1340061

I certify that the altimeter, automatic pressure altitude reporting system and the static system test required by FAR 91.411 have been performed and found to comply with Appendix E of Part 43 of this chapter. The altimeter and automatic pressure reporting system have been tested to 18,000 feet. DATE: 3/12/08 N#: 571DS

SIGNED: *Arlin C. Wass* A/C TIME: 1278.3 H
 APC AEROTRONICS INC. C.R.S. NH2R031L

I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed. The altimeter has been tested

to 18,000 feet. DATE: 3/12/08 N: 571DS

SIGNED: *Arlin C. Wass* A/C TIME: 1278.3 H
 PRESSURE AEROTRONICS INC. C.R.S. NH2R031L
 ALTIMETER

I certify that the transponder test and inspection required by FAR 91.413 has been performed and found to comply with FAR 43, Appendix F

Unit: GTX-33 S/N: 3470103B
 Date: 3/12/08 N#: 571DS
 A/C Time: 1278.3 H Signature: *Arlin C. Wass*

AEROTRONICS, INC. C.R.S. NH2R031L



36 GALLATIN FIELD BELGRADE, MT (K82N)
PHONE: 406-388-1351 FAX: 406-388-7417

SIGNATURE

LICENCE NUMBER

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
27 MAR 08	N571DS	40-571	1034.9


Complied with S/B OSB-40-057-1 for gross weight increase. Adjusted elevator and installed placard and flight manual supplement per S/B.


Arlin C. Wass A&P 1340061

AIRFRAME LOG ENTRY N571DS

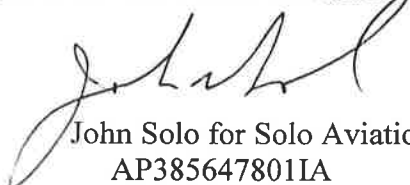
Date: 03-24-08 Tach reads: 1095.0 TTAF: 1095.0
 Completed a 100HR inspection this date in accordance with FAR part 43 app. D.
 Complied with FAR 91.207d ELT inspection. Battery due 5-09. Replaced instrument
 with P/N B3-5-1. Complied with AD 2008-06-51 (fuel servo plug) by inspection
 and checking tightness of plug. Next due 1145.0. AD's checked through bi-weekly
 2008-20.

Verify that this AIRCRAFT has been inspected in accordance with a 100HR inspection and was determined to be in AIRWORTHY condition.


Kevin Gaschler for Solo Aviation
AP3257112

AIRFRAME LOG ENTRY N517DS

Date: 03-24-08 Tach reads: 1095.0 TTAF: 1095.0
 Verify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection
 and was determined to be in AIRWORTHY condition.


John Solo for Solo Aviation
AP385647801IA

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
2-18-09					TACH-1131.1 Hobbs-1407.1 REMOVED AND REPLACED PILOT SIDE RUDDER PEDAL ADJUSTMENT CABLE PART # 20-2700-21-00. OPERATION CHECK NORMAL. END. James G. Hennell A/P 279480481 for SOLO AVIATION, INC.

Date: 3-24-09 N 571DS Tach: 1143.1

This is to certify that the Garmin 430/530 or Garmin 1000 has been updated with Version No. 0903. This update has been ops checked and found satisfactory.

A/P # 3252053 Signature: C. Janski



REG N571DS WO# 1197 A/C TIME 1423.7

The ATC transponder was tested and inspected on 24 MAR 09 and found to comply with 91.413 Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on 24 MAR 09 in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to 20 K Ft. I certify that the altimeter and static system tests required by FAR 91.411 Have been performed. The altimeter was tested on 24 MAR 09 By PREFERRED AVIONICS to 20K Ft.
Signature James G. Hennell

PREFERRED AVIONICS

3679 Bowen Road
Howell MI 48855
800-736-6143 Office
CRS# YPCR724X

MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with Federal Aviation Requirements and was found air worthy for return service. Pertinent details of the repair are on file at this agency under:

W.O.No. 1197 Date: 24 MAR 09

- Repair F/T
 Removed Serviceable Rebuilt

MEDIA UNIT
 ADMIN
 50074A
 SN 42805363
 571DS

REPLACEMENT
USED LINES IN DATE AND

PREFERRED AVIONICS

3679 Bowen Road
Howell MI 48855
800-736-6143 Office
CRS# YPCR724X

MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with Federal Aviation Requirements and was found air worthy for return service. Pertinent details of the repair are on file at this agency under:

W.O.No. 1197 Date: 24 MAR 09

- O/H Repair F/T
 Removed Serviceable Rebuilt
 Other

Unit: ALTIMETER
 Mfg.: UNITED
 P/N: 5934PD-3
 Model: — SN 447817
 Cust 5060
 Reg N571DS
 Tech. M
 Insp. By M

LICENCE
NUMBER

FORM PA 2

TESTED BY: M
 W.O.# 1197
 SCALE CORRECTIONS
ADD Corrective Algebraically

DATE: 24 MAR 09 TESTED BY: M
 ALTIMETER S/N 447817 W.O.# 1197
 SCALE CORRECTIONS
ADD Corrective Algebraically

READING	ALTITUDE	READING
-1000	16,000	16000
0	18,000	18000
500	20,000	19980
1000	22,000	
1500	25,000	
2000	30,000	
3000	35,000	
4000	40,000	
5000	45,000	
6000	50,000	
10000	HYS. 40%	0
12000	HYS. 50%	0+5
14000	AFTER EFFECT	0

ALTITUDE	READING	ALTITUDE	READING
-1,000	-1000	16,000	15950
0	0	18,000	17960
500	500	20,000	19930
1,000	1000	22,000	
1,500	1500	25,000	
2,000	2000	30,000	
3,000	3000	35,000	
4,000	4000	40,000	
6,000	5980	45,000	
8,000	7980	50,000	
10,000	9960	HYS. 40%	-10
12,000	11950	HYS. 50%	-10
14,000	13940	AFTER EFFECT	0

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION</small>
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD

May 5, 2009 N571DS DA-40 Tach: 1157.4 Airframe Entry

1. Performed Pre-Purchase Inspection with following results.
2. Fitted and installed all landing gear skirts.
3. Changed L/H & R/H MLG tires and tubes.
4. Repacked all wheel bearings.
5. C/W AD 2007-17-06 By NDI inspection of Pivot Axle area Next Due @ 1357.4 12 months or 200 hours which ever occurs later.
6. This ELT has been inspected IAW FAR 91.207 (d), with expiration date of May 2011.
6. Post maintenance turn performed satisfactory.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

Jonathan G. Hisghman
Jonathan G. Hisghman A&P254307

7/15/09	TACH 1191.9	Q/W FAR 91.207(d) ELT inspection	ELT DATE 5/11	Repacked nose tires L/R	072-3120 S/N 8169200236 pul 1050
					Tire tube Replaced Brake Lines (B/O)
					Maint. Plan 66-114 Q/W AD 09-17-14
					Using Skins Spun Bond by S/B
					MSB-40-060 1 TIME INSPECTION

I CERTIFY THAT THIS N571DS HAS BEEN INSPECTED
IN ACCORDANCE WITH A Pre-Purchase INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY CONDITION

SIGNED [Signature] CEPT. # 100759440

CRS# YBJR768L

LANDMARK AVIATION
1005A, Sycolin Road
Leesburg Municipal Airport, Leesburg VA-20175
Tel: (703) 771-0188 Fax: (703) 779-0435

DATE: 07-10-2009
REG: N571DS
MODEL: DA40
HOBBS: 1528.9

WORK ORDER: S20-09-00219
MAKE: Diamond
S/N: 40.571
TACH: 1191.6

- Replaced main battery with new Concorde P/N RG24-15M, S/N 40301982.
- Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

Kent Barber
SIGNATURE

AIR TIME AND

CRS# YBJR768L



1005A, Sycolin Road
Leesburg Municipal Airport, Leesburg VA-20175
Tel: (703) 771-0188 Fax: (703) 779-0435

DATE: 01-19-2010
REG: N571DS
MODEL: DA40
HOBBS: 1623.9

WORK ORDER: S20-10-00521
MAKE: Diamond
S/N: 40.571
TACH: 1262.1

REQUIRED FOR COM

- ■ Replaced broken alternator ground wire terminal and re-secured wire harness.
- Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.
- THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

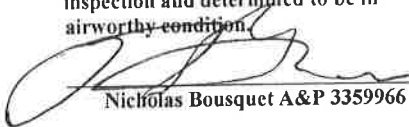

SIGNATURE

May 27, 2010 N571DS DA40 Tach: 1291.7

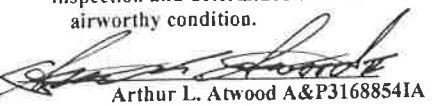
1. Performed Annual Inspection IAW approved checklist.
2. Opened all access panels, inspected and lubricated all flight control linkages, checked for damage and corrosion with normal results.
3. Checked all lights for proper operation.
4. Inspected tires for condition and serviced to proper pressure.
5. Checked brake linings, calipers and disc condition, serviced and bled entire brake system.
6. Cleaned battery box area, serviced and charged battery as necessary.
7. This ELT has been inspected IAW FAR 91.207 (d), expiration date of May 2011.
8. Inspected instrument panel, engine and flight controls in cockpit area for any malfunctions.
9. Cleaned belly of aircraft as required.
10. Installed new rubber spacers for NLG bungee.
11. Lubricated nose landing gear system.
12. Post maintenance turn performed satisfactory.

Aero Service of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this AIRCRAFT has been inspected in accordance with a 100 HOUR inspection and determined to be in airworthy condition.


Nicholas Bousquet A&P 3359966

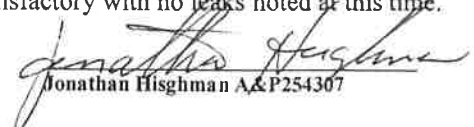
I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.


Arthur L. Atwood A&P31688541A

August 6, 2010 DA-40 N571DS TACH: 1339.9

1. Checked all lights for proper operation.
2. Inspected tires for condition, and serviced to proper pressure.
3. Installed NLG skirt missing hardware.
4. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193


Jonathan Highman A&P254307

N 571DS Tach: 1349.9
 GPS Database card updated this date: 8-14-10
 RLM Bradish 366304770 CFI: Ron Bradish
 3390112

ME COLUMNS.

SIGNATURE

LICENCE NUMBER

1

571DS Tach: 1367.0
 GPS Database card updated this date: 9-20-10
 RLM Bradish 366304770 CFI: Ron Bradish

571DS Tach: 1326.3
 GPS Database card updated this date: 10-15-10
 RLM Bradish 3390112 CFI: Ron Bradish

November 5, 2010 N571DS DA40 Tach: 1390.0

1. Performed Annual Inspection IAW approved checklist.
2. **Opened** all access panels, inspected and lubricated all flight control linkages.
3. Checked all lights for proper operation.
4. Inspected tires for condition and serviced to proper pressure.
5. Installed new MLG tires, R/H tube and repacked wheel bearings.
6. Installed new NLG tire and repacked wheel bearings.
7. Checked brake linings, calipers and disc condition, serviced and bled entire brake system.
8. Cleaned battery box area, serviced and charged battery as necessary.
9. This ELT has been inspected IAW FAR 91.207 (d), expiration date of May 2011.
10. Inspected instrument panel, engine and flight controls in cockpit area for any malfunctions.
11. Repaired bonding wire by rudder bell crank.
12. Cleaned belly of aircraft as required.
13. Lubricated nose landing gear system.
14. Post maintenance turn performed satisfactory.

AD 2109-10-04 By NDI Inspection of NLG Fork/Axle, Next due @ 1590.0 or 12 months.
 AD 2808-14-07 By inspection of fuel injector lines, Next due at 1490.0

Winchester, Inc.
 201 Airport Road Suite 107
 Winchester, VA 22602
 540-454-8115

I certify that this AIRCRAFT has been inspected in accordance with a 100 HOUR inspection and determined to be in airworthy condition.

Justin Craig Farris
 Justin Craig Farris A&P3146596

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Arthur L. Atwood II
 Arthur L. Atwood II A&P31688541A

N 571DS Tach: 1401.1
 GPS Database updated and current to: 12-15-10
 RLM Bradish 3390112 CFI: Ron Bradish

N 571DS Tach: 1419.0
 GPS NAV data updated and current to: 1-12-11
 RLM Bradish 3390112 CFI: Ron Bradish

571DS Tach: 1427.6
 GPS NAV data updated and current to: 2-10-11
 RLM Bradish 3390112 CFI: Ron Bradish

TR
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N

Approving National Aviation Authority: Country:

FAA/UNITED STATES

AUTHORIZED RELEASE

FAA Form 8130-3, AIRWORTHINESS RECORD

4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062

6. Item: 1. 7. Description: GDU1040

8. Part Number: 011-00972-00

9. Eligibility: * N/A

13. REMARKS: This unit is Newly Overhauled. It has been analyzed, reworked, tested, and conformed to operating software for this unit must be reloaded using the approved aircraft system software once the unloading of this software can be verified by referring to the appropriate avionics/line maintenance manual. This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 145 Approval Number: EASA.145.5534". The work that was performed on this unit was done to meet the Date 9/29/2010.

Customer
Max. Calib. Alt.

Test Point	Sc En
-1000	20
0	20
500	20
1000	20
1500	25
2000	30
3000	30
4000	35
5000	40
6000	40

ORDER

N 571DS Tach: 1446.9
GPS NAV data updated and current to: 4-7-11
R.M Bradish 3390112 CFI: penBradish

CRS# YBJR768L



LANDMARK AVIATION

1005A, Sycolin Road
Leesburg Municipal Airport, Leesburg VA-20175
Tel: (703) 771-0188 Fax: (703) 779-0435

DATE: 03-15-2011
REG: N571DS
MODEL: DA40
HOBBS: 1868.9

WORK ORDER: A20-11-00254
MAKE: Diamond
S/N: 40.571
TACH: 1449.9

I certify that the altimeter(s), transponder(s), altitude reporting and static system(s) have been tested to 20K feet as required by 14 CFR Part 91.411 and 91.413. These systems comply with 14 CFR appendices E and F.

ALTIMETER 1/ADC:	P/N: <u>011-00882-00</u>	S/N: <u>47805363</u>	<input checked="" type="checkbox"/> CHECK IF ENCODING
ALTIMETER 2:	P/N: <u>5934PD-3</u>	S/N: <u>447817</u>	<input type="checkbox"/> CHECK IF ENCODING
TRANSPONDER 1:	P/N: <u>011-00779-10</u>	S/N: <u>84701033</u>	
TRANSPONDER 2:	P/N: <u>---</u>	S/N: <u>---</u>	
ADC:	P/N: <u>---</u>	S/N: <u>---</u>	
ENCODER 1:	P/N: <u>---</u>	S/N: <u>---</u>	

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED, INSPECTED AND RAMP TESTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

[Signature]
SIGNATURE

CRS# YBJR768L



**LANDMARK
AVIATION**

1005A, Sycolin Road
Leesburg Municipal Airport, Leesburg VA-20175
Tel: (703) 771-0188 Fax: (703) 779-0435

DATE: 07-01-2011
REG: N571DS
MODEL: DA40
HOBBS: 1930.3

WORK ORDER: A20-11-00332
MAKE: Diamond
S/N: 40.571
TT: 1496.9

REQUIRED FOR COMPLETION

- Reconfigured transponder referencing the G1000 System Maintenance Manual for Diamond doc# 190-00545-01.
- Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.
- THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED, INSPECTED AND RAMP TESTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

SIGNATURE

CRS# YBJR768L



**LANDMARK
AVIATION**

1005A, Sycolin Road
Leesburg Municipal Airport, Leesburg VA-20175
Tel: (703) 771-0188 Fax: (703) 779-0435

DATE: 08-04-2011
REG: N571DS
MODEL: DA40
HOBBS: 1965.0

WORK ORDER: S20-11-01424
MAKE: Diamond
S/N: 40.571
TACH: 1524.0

- Replaced pilot's rudder pedal adjustment cable with new P/N 20-2700-21-00.
- Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.
- THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

SIGNATURE

- August 18, 2011 N571DS Tach: 1528.4
1. Checked all lights for proper operation.
 2. Inspected NLG and set Tension IAW M/M.
 3. Installed New L/H & R/H MLG tires and tubes.
 4. Serviced all tires to proper pressure.
 5. Replaced L/H inboard brake lining.

Arthur L. Atwood II A&P3168854

- August 18, 2011 N571DS Tach: 1528.4
1. Changed oil and oil filter CH48110-1 and added 8 quarts Aero Shell 15w50 oil.
 2. Post maintenance turn performed satisfactory.

Jonathan Hisghman A&P254307

N 571DS Tach: 1551.3
GPS NAV data updated and current to 10-20-11
R.M Bradish 3390112 CFI: RMBradish

DATA updated and current to: 11-17-11
E390112 CFI: RMBradish

INSPECTION RECORD

INSPECTION, REPAIRS & REPLACEMENT

SIGNATURE

LICENCE NUMBER

November 4, 2011 N571DS DA40 Tach: 1578.8

1. Performed Annual Inspection IAW the Scope and Detail of FAR43 Appendix D.
2. Opened all access panels, inspected and lubricated all flight control linkages.
3. Checked all lights for proper operation.
4. Cleaned strobe light lens inside surface.
5. Installed new hardware for landing light cover.
6. Inspected tires for condition and serviced to proper pressure.
7. Checked calipers and disc condition and serviced entire brake system.
8. Installed new lining on L/H inboard side.
9. Repaired NLG Fairing mounting holes and installed proper hardware.
10. Cleaned battery box area, serviced and charged battery as necessary.
11. This ELT has been inspected IAW FAR 91.207 (d), expiration date of June 2013.
12. Inspected instrument panel and flight controls in cockpit for malfunctions.
13. Cleaned belly of aircraft as required.
14. Lubricated nose landing gear system.
15. Post maintenance turn performed satisfactory.

CTW AD 2009-10-04 By NDI Inspection of NLG Fork/Axle, Next due @ 1678.8 or Nov 2012.
CTW AD 2008-14-07 By inspection of fuel injector lines, Next due at 1678.8.

Aircraft Services of Winchester, Inc.
1030 Airport Road Suite 107
Winchester, VA 22602
(540) 421-2125

I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Jonathan Hisghman
Jonathan Hisghman A&P2543071A

Tach: 1595.9

DATA updated and current to: 1-12-12
E390112 CFI: RMBradish

CRS# YBJR768L

LANDMARK AVIATION
Leesburg VA-20175
(703) 779-0435

DATE: 01-05-2012
REG: N571DS
MODEL: DA40
HOBBS: 2056.7

WORK ORDER: S20-11-01639
MAKE: Diamond
S/N: 40.571
TACH: 1595.9

Inspected fuel boost pump with overhauled P/N 5100-00-9, S/N 9441B (See Dukes Aerospace 8130-3 form R88192 dated 11/17/11 for details).

Post maintenance systems check of aforementioned repair(s). No defects noted at this time.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

[Signature]
SIGNATURE

Tach: 1595.9

DATA updated and current to: 2-9-12
E390112 CFI: RMBradish

INSPECTION, REPAIRS & REPLACEMENT

REMOVE ORIGINAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

April 23, 2012 N571DS DA40 Tach: 1678.1 TAT: 1678.1


1. Performed Annual Inspection IAW the Scope and Detail of FAR43 Appendix D.
2. Opened all access panels, inspected and lubricated all flight control linkages.
3. Checked all lights for proper operation.
4. Replaced L/H MLG tire, repacked wheel bearings and serviced to proper pressure.
5. Checked calipers and disc condition and serviced entire brake system.
6. Installed new brake lining on L/H outboard and both on R/H side.
7. Cleaned battery box area, serviced and charged battery as necessary.
8. This ELT has been inspected IAW FAR 91.207 (d), expiration date of June 2013.
9. Inspected instrument panel and flight controls in cockpit for malfunctions.
10. Cleaned belly of aircraft as required.
11. Lubricated nose landing gear system.
12. Washed aircraft as requested.
13. Post maintenance turn performed satisfactory.

DA 40 2009-10-04 By NDI Inspection of NLG Fork/Axle, Next due @ ^{APR} 1778.1 or April 2013.

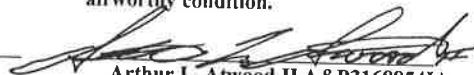
DA 40 2008-14-07 By inspection of fuel injector lines, Next due at 1778.1

Service of Winchester, Inc.
407 Airport Road Suite 107
Winchester, VA 22602
703-462-4222

I certify that this AIRCRAFT has been inspected in accordance with a 100 HOUR inspection and determined to be in airworthy condition.


Justin Wordorf A&P 3147596

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.


Arthur L. Atwood II A&P31688541A

April 4, 2012 N571DS DA 40 Tach: 1724.6

1. Serviced tires to proper pressure.
2. Checked all lights for proper operation.
3. Replaced inoperative stall warning unit with new unit.

Service of Winchester, Inc.
407 Airport Road Suite 107
Winchester, VA 22602
703-462-4222


Justin Wordorf A&P3147596

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AIR TIME AND

July 13, 2012 N571DS DA40 Tach: 1778.3 TAT: 1778.3

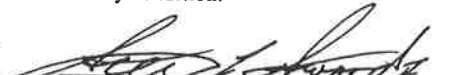
- 1. Performed Annual Inspection IAW the Scope and Detail of FAR43 Appendix D.
- 2. Opened all access panels, inspected and lubricated all flight control linkages.
- 3. Checked all lights for proper operation.
- 4. Replaced BOTH MLG and nose tires, repacked wheel bearings and serviced to proper pressure.
- 5. Checked calipers, disc condition, replacing all linings and serviced entire brake system.
- 6. Cleaned battery box area, serviced and charged battery as necessary.
- 7. This ELT has been inspected IAW FAR 91.207 (d), expiration date of June 2013.
- 8. Inspected instrument panel and flight controls in cockpit for malfunctions.
- 9. Replaced R/H flap bonding wire terminal end.
- 10. Performed fiberglass repair on L/H, R/H wheel fairings.
- 11. Performed fiberglass repair on lower engine cowling.
- 12. Cleaned and inspected R/H lower wing outboard access panel drain as necessary.
- 13. Trimmed red tape striping from R/H side fuselage as necessary.
- 14. Re-painted non-skid walkway material on pilots entry step.
- 15. Cleaned, inspected, lubricated and NLG assembly and set torque to specs in M/M.
- 16. Installed rubber washer under L/H wing tie down point.
- 17. Post maintenance turn performed satisfactory.
- C/W AD 2009-10-04 By NDI Inspection of NLG Fork/Axle, Next due @ 1878.3 or April 2013.
- C/W AD 2008-14-07 By inspection of fuel injector lines, Next due at 1878.3

Aero Service of Winchester, Inc.
 615 Airport Road Suite 107
 Winchester, VA 22602
 540-665-0193

I certify that this AIRCRAFT has been inspected in accordance with a 100 HOUR inspection and determined to be in airworthy condition.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.



 Joseph Furtado Trainee


 Arthur L. Atwood II A&P31688541A

N571DS Tach: 1798.0

GPS NAV data updated and


current to: 8-23-12

R.M Bradish 3390112CFI 

September 14, 2012 N571DS DA-40 Tach: 1830.4

- 1. Performed mid cycle oil service.
- 2. Changed oil and oil filter CH48110 and added 8 quarts Aero Shell 15w50.
- 3. Washed engine and lubricated controls.
- 4. Post maintenance turn performed satisfactory.

Aero Services of Winchester, Inc.
 615 Airport Road Suite 107
 Winchester, VA 22602
 540-665-0193



 Justin Woldorf A&P 3147596

September 14, 2012 N571DS DA-40 Tach: 1830.4

- 1. Serviced tires to proper pressure.
- 2. Checked brakes for wear.
- 3. Checked lights for proper operation.
- 4. Replaced R/H wing, aft white nav bulb and lens.

Aero Services of Winchester, Inc.
 615 Airport Road Suite 107
 Winchester, VA 22602


 Justin Woldorf A&P 3147596

N571AS Tach: 1836.4
 GPS NAV data updated and
 current to: 10-18-12
 R.M Bradish 3390112CFI 

E ONE

3. Form Tracking Number:

SI118987

5. Work Order/Contract/Invoice

JYO-033226

Quantity: 10. Serial/Batch Number:

1 AVI0711751-10000 (1)

11. Status/Work:

NEW

R 571.10 Maintenance Release

regulations specified in block 12

otherwise specified in Block 12, the work identified in Block 11
Block 12, has been performed in compliance with the
regulations

14c. Approved Organization Number

14e. Date (dd/mmm/yyyy):

ilities

ensure that their regulations recognize certifications from the country
Block 1, must ensure that their regulations recognize certifications from the c
Installation certification issued in accordance with the applicable national

Signature

N571DS Tach: 1284-9

GPS NAV data updated and

current to: 12-13-12

R.M Bradish 3390112CFI *R.M Bradish*

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**REPAIR CERTIFICATE
BUSINESS APPROVAL TAG**

3. Form Tracking Number:

12022102

5. Work Order/Contract/
Invoice Number:

12022102

d
Rd.
0852SW)

RECORD
IES AS REQUIRED FOR COMPLE

10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	F4L-390813	See Block 13.

CONFORMANCE WITH 14 CFR § 43.3(j).

14 CFR 43.9 Return to Service Other regulation specified in Block 13.

Items that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

Authorized Signature: *[Signature]*
 Name (Typed or Printed): Larry Hale
 21. Approval/Certificate No.: PQ0852SW
 23. Date (m/d/y): FEB 21 2012

Responsibilities:
 I am the authority to install the part/assembly.
 I am the authority different than the Airworthiness Authority of the country specified in the part/components/assemblies from the airworthiness authority of the country specified in the part/components/assemblies.

AND



Tach: 1924.60

According to Bendix/King KAP 140
KAP140 Installation Manual Section

Steps check good IAW Diamond DA

Generator PN: ALU-8521, SN: H-
PN: D41-7166-21-00_1 with new

primed and painted inside. Smoothed outside of cowling with body filler. All work was done with AC43.13-1b used as a reference.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

[Signature]
Signature

N571DS Tach: 1931.2
 GPS NAV data updated and
 current to: 2-8-13
 R.M Bradish 3390112CFI *[Signature]*

Leesburg Executive Airport
 1005 Sycolin Rd
 Leesburg, VA 20175
 CRS 2PJR099M



Date: 2/06/2013; Aircraft: N571DS; Type: DA-40; S/N: 40.571; Hobbs: 2514.80; Tach: 1938.40
 Shop Order #: S01-100258

Removed and replaced pilot's seat belt buckle assy, PN: B/5-01-2G0701rev B.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

[Signature]
Signature

March 3, 2014 N571DS DA40 TACH: 2034.6 TAT: 2034.6

1. Performed Hard Landing Inspection IAW Diamond Aircraft Maintenance Manual.

LICENCE NUMBER

Services of Winchester, Inc.
125 Airport Road Suite 107
Winchester, VA 22602
465-0193

Jonathan Highman
Jonathan Highman A&P254307

March 3, 2014 N571DS DA40 TACH: 2034.6 TAT: 2034.6

1. Performed Annual Inspection IAW approved checklist.
2. Opened all access panels, inspected and lubricated all flight control linkages.
3. Checked all lights for proper operation.
4. Inspected tires for condition, and serviced to proper pressure.
5. Checked brake linings, calipers and disc condition, serviced and bled entire brake system.
6. Cleaned battery box area and charged battery.
7. This ELT has been inspected IAW FAR 91.207, IAW with an expiration date of December 2015.
8. Inspected instrument panel, engine and flight controls in cockpit area for any malfunctions.
9. Installed complete NEW NLG Strut assembly D41-223-10-00-2 MOD.
10. Installed complete NEW NLG Dampener Assy PN: D41-3223-20-00-1.
11. Installed complete NEW NLG Cover Assy PN: DA4-3227-90-00WIP.
12. Installed complete NEW NLG Fairing Set DA4-3225-91-00X SET.
13. Installed complete NEW Fire Protection Sheet #1 PN: 41-5300-00-02-1.
14. Installed complete New Fire Protection Sheet #2 PN: 41-5300-10-00-1.
15. Installed complete New NLG Stop Plate PN: D41-3223-00-51.
16. Installed new Hobbs Meter with reading of 0000.0.
17. Installed new Com Antenna PN: DMC63-2 SN: 25762.
18. Installed new brake bleeder valves on both sides.
19. Installed new center line fuel low point drain valve.
20. Post maintenance turn performed satisfactory with no leaks noted at this time.

C/W AD 76-07-12 Bendix ignition switch operation check satisfactory. Next due @ TACH: 2134.6

C/W AD 2011-26-04 by inspection of fuel injection lines. Next Due @ 2134.6

AD 2009-10-04 for NDI inspection of NLG Fork/Axle.

No longer required due to PN: D41-3223-10-00-2 being installed on 3/3/2014.

Services of Winchester, Inc.
125 Airport Road Suite 107
Winchester, VA 22602
465-0193

I certify that this AIRCRAFT has been inspected in accordance with a 100 HOUR inspection and determined to be in airworthy condition.

Joseph M. Furtado
Joseph M. Furtado A&P336479

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Jonathan G. Highman
Jonathan G. Highman A&P23068983511A

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March 20, 2014 N571DS DA-40 Tach: 2035.6

1. I have inspected this aircraft to the extent necessary and determined it to be in an Airworthy condition for a ferry flight from KOKV to KRUQ.

Services of Winchester, Inc.
125 Airport Road Suite 107
Winchester, VA 22602
465-0193

Jonathan Highman
Jonathan Highman A&P254307

AIR TIME AND

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.
2014				
BROUGHT FORWARD				
Aug. 15			2037	5

SouthTecAviation
Mobile (334) 728-6806

Date: Aug.15 2014 DA40.571 Reg: N571DS
Tach: 2037.5 TT: 2037.5 hrs.

Completed repairs to NLG structure I/A/W Diamond Aircraft RAM 40-186 dated May 2014 and Diamond Aircraft AMM chapter 51. Repair area painted to match existing Paint.

I certify the repairs were made in I/A/W instructions in RAM 40-186, and Diamond Aircraft Chapter 51. Operation of NLG checked and Aircraft returned to Service.

Glenn M. Lawler
Glenn M. Lawler

AP 2151929 IA

SouthTecAviation
Mobile (334) 728-6806

Date: Aug.15 2014 DA40.571 Reg: N571DS
Tach: 2037.5 TT: 2037.5 hrs.

Completed the following: 1.) Removed old stripes, buffed paint to good gloss. Applied New modern Stripes and N#. 2.) Painted new Safety walks on center section. 3.) New Step safety non-skid pads installed. 4.) Replaced Damaged Placards. 5.) Installed new T-Seals both wings.

- C/W MSB 40-074 Reinforcement of Main Spars (2000hr requirement).
- C/W MSB 40-067 Checking of Emergency Exit Lever.
- C/W Essential Bus inspection. (1000hr requirement).
- C/W ATA. Chapter 51 Electrical Bonding Test. (1000hr requirement).
- G1000 updated to 0321.22 operating system.
- C/W AD 2014-13-8 Reinforcement of Rear Main Spar by compliance With MSB 40-074.

I certify the above items were Completed I/A/W Diamond Aircraft DA40 AMM and all Applicable FAR's.

Glenn M. Lawler
Glenn M. Lawler

AP 2151929 IA

Skyline Aviation Service Center 1005 Sycolin Rd Leesburg Executive Airport Leesburg, VA 20175
LOG ID# 2081 31-October-2014 WO# 2047/1 AC TT 2049.7 HOBBS 2049.7
N571DS S/N 40.571 DIAMOND AIRCRAFT INC DA40

> Removed Bendix/King KC 140 Flight Control Computer p/n 065-00176-7703 s/n 9163 and treated connectors with contact cleaner and ACF 50. Reinstalled Flight Control Computer. Performed ramp check and preflight test, found satisfactory at this time.

> Removed Elevator trim friction block, cleaned, lubed and adjusted tension. Reinstalled Elevator trim friction block. ops check was found satisfactory at this time. No further action is required at this time.

The article identified above was repaired and inspected in accordance with current federal aviation regulations and current manufacturers manuals was approved for return to service. Pertinent details on file under above referenced work order.

INSPECTION, REPAIRS & REPLACEMENT
A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

18, 2015 TAG# 2097.3. ACT# 2097.3

PERFORMED ANNUAL INSPECTION PER HAI CHECKLIST
 I/A/W FAR 43, Appendix D. AD'S CHECKED THRU
 2015-05. INSPECTED & TESTED ELT PER 91.207d.
 BATTERY DUE 12/15. REPLACED BOTH MAIN TIRES
 15x6.00x6 CONDOR. REPLACED BRAKE LININGS ON
 BOTH MAINS 66-141. RESEALLED/BLED L.H. BRA.
 CALIPER. ADJUSTED NOSE STEERING TENSION TO
 DA-40 MM.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
 IN ACCORDANCE WITH A ANNUAL INSPECTION AND
 WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

HOWARD AIRCRAFT INC.
 2145 Kelly Island Rd.
 Martinsburg, WV 25405-2778

SIGNED [Signature] CERT.# ADP2738458 IA

W03026
 NS71DS

Cycle Aviation

CRS# 6LVR604C

ATC TRANSPONDER TEST AND INSPECTION DATA (FAR 43 APPENDIX F)

TRANSPONDER INFORMATION

Make: GARMIN

Model: GTX 33

Serial#: 84701033

011-00779-00

TRANSPONDER DATA

	Pass/Fail		
Mode A Code:	<u>PASS</u>		
Mode C Code:	<u>PASS</u>		
SLS Reply at 0db:	<u>PASS</u>		
SLS Reply at 9db:	<u>PASS</u>		
Ident Test:	<u>PASS</u>		
Peak Power:	<u>PASS</u>	<u>195</u> W	
Frequency:	<u>PASS</u>	<u>1090.37</u> Mhz	
Pulse Width:	<u>PASS</u>		
Inter Spacing:	<u>PASS</u>		
Receiver Sensitivity MTL:	<u>PASS</u>	<u>-76.7</u> dbm	

8000	60	7980		80/50
10000	80	9950		

Drawn Aircraft look 2% max all dif

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
5/30/15	2	42	5		INSTALLED Lth. T-Board BELT S-01-2G.0201. <i>J. Carter</i> APP275845.
08/14/2015	2	19	5	1	N571DS PERFORMED 100HR INSPECTION PER CHECKLIST IAW FAR 43 APPENDIX THROUGH 2015-15. REPLACED BOT BRAKE LININGS P/N 66-141. AD NOSE GEAR TENSION PER DA-2
HOWARD AIRCRAFT INC. 2145 Kelly Island Rd. Martinsburg, WV 25405-2778					I CERTIFY THAT THIS AIRCRAFT HAS BEEN IN ACCORDANCE WITH A 100 HR IN WAS DETERMINED TO BE IN AIRWORTH SIGNED <i>Simon Durani</i> CERT.

Cycle Aviation 1005 Sycolin Rd SE Leesburg Executive Arpt Leesburg, VA 20175 CRS# 6LVR604C
 LOG ID# 3174 09-October-2015 WO# 3454 FORM M3 AC TT 2224.5 HOBBS 255.3
 N571DS S/N 40.571 DIAMOND AIRCRAFT INC DA40 Pg 1/1

Removed Bendix/King KC140 Flight Computer P/N 065-00176-7703 S/N 9163, repaired by Mid Continent (ref. 8130 # 000265315), reinstalled same unit back in aircraft. Reloaded Diamond DA40 KC140 Certification file SW ID 722-20014-0301. All function checks good after successful PFT. Placarded instrument panel 'Pull AP Circuit Breaker at start up, and set after Avionics Master turned on'. Step required for successful PFT.

The article identified above was repaired and inspected in accordance with current federal aviation regulations and current manufacturers manuals and is approved for return to service. Pertinent details on file at this repair station under above referenced work order.

Mark Granger 10/09/15
 Signed 6LVR604C Mark Granger Date

Cycle Aviation 1005 Sycolin Rd SE Leesburg Executive Arpt Leesburg, VA 20175 CRS# 6LVR604C
 LOG ID# 3429 23-December-2015 WO# 3788 FORM M3 HOBBS 321.6
 N571DS S/N 40.571 DIAMOND AIRCRAFT INC DA40 TACH 2271.2 Pg 1/1

>Removed Broken RH rudder adjustment cable from rudder peddle assy. Installed new adjustment cable PN 20-2700-21-00 IAW DA40 mm 27-20. Tested adjustment cable, No defects noted.

The work identified above was performed in accordance with current federal aviation regulations and current manufacturers manuals and is approved for return to service. Pertinent details on file at this repair station under above referenced work order.

Doug Cummins 12-23-15
 Signed 6LVR604C Doug Cummins Date

CARRIED FORWARD

Engine SN 053370 and performed inspection IAW 14CFR Part 91.207(d), No defects
 battery replacement due 12-2022. Reinstalled ELT.
 Inspection above was performed in accordance with current federal aviation regulations
 manufacturers manuals and is approved for return to service. Pertinent details on
 station under above referenced work order.

URE	LICENCE NUMBER

Adam Snyder 1-5-2016
 Date

2-5 TACH = 2288.6 TI = 2288.6
 PERFORMED ANNUAL INSPECTION
 PER HAI CHECKLIST IAW FAR 43,
 APPENDIX D. AD'S CHECKED THRU
 2016-01. NO APPLICABLE AD'S DUE AT
 THIS TIME. INSPECTED & TESTED ELT
 PER 91.207d. REPLACED NOSE TIRE
 WITH 500X5X6PR "MONSTER" RETREAD.
 REPLACED BOTH MAIN TIRES WITH
 15X600X6 GPR CONDOR TIRES. REPLACED
 RH TUBE WITH 15X600-6. REPAIRED
 R.H. CANOPY LATCH BOLT. INSTALLED
 NEW SPEAKER DA4-2353-30-00.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
 IN ACCORDANCE WITH A ANNUAL INSPECTION AND
 WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
 SIGNED Adam Snyder CERT # AEP2758458 IA

HOWARD AIRCRAFT INC.
 2145 Kelly Island Rd.
 Martinsburg, WV 25405-2778

remove horizontal stab fairing. Found friction block loose.
 friction adjustment screw at friction block, op's check ok. Ref. DA40 AMM 27-38-00
 Inspection above was performed in accordance with current Federal Aviation Regulations
 manufacturers manuals and is approved for return to service. Pertinent details on
 station under above referenced work order.

Charlie Schoenduby 3/25/16
 Date

oil mixture IAW Diamond DA-40 AMM 71-00-00 and Precision Airmotive SIL RS-67. Ops
 filter and reinstalled IAW Diamond DA-40 AMM 28-20-00. Ops check good. No leaks
 inlet screen and reinstalled IAW Diamond DA-40 AMM 73-00-00. Ops check good. No

Inspection above was performed in accordance with current Federal Aviation Regulations and
 manufacturers manuals and is approved for return to service. Pertinent details on file at
 station under above referenced work order.
Daniel Wells 3/31/16
 Date

ENGINE LOG

1. Make LYCOMING
2. Model IO-360-M1A
3. Specification IE10
4. Manufacturer's Serial Number L-32307-51A
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>	
	HRS.	MIN.	HRS.	MIN.		
	BROUGHT FORWARD →		0	0	<p><i>ENGINE INSTALLED NEW ON DA 40 9W</i></p> <p>Engine installation inspected I.A.W. Diamond Aircraft Industries Inc DA 40 W.I.S. Rev: F Form ME-01-A</p> <p>Engine service with 8 qts. Of Philips 20W50 Type "M" engine oil</p> <p>Engine break-in I.A.W. Lycoming Service Instruction 1427B.</p> <p style="text-align: center;">FLIGHT TEST COMPLETED</p>	
<i>OCT 21 2005</i>			<i>3</i>	<i>9</i>		<i>HOURS BROUGHT FORWARD</i>


ARLIN'S AIRCRAFT SERVICE, INC.
36 GALLATIN FIELD BELGRADE, MT (KBZM)
PHONE 406-388-1351 FAX 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL	TAC & TOTAL TIME
24 FEB 06	N571DS	10360-MIA	L-32307-51A	99.5 Hr.

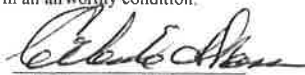
Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil & filter. Pressure checked exhaust system. Removed right mag. Reset points. Reinstalled mag. Checked controls. Washed & ran engine. I certify that this engine has been inspected in accordance with a 100 hr. inspection & was determined to be in an airworthy condition.


 Arlin C. Wass A&P I340061


ARLIN'S AIRCRAFT SERVICE, INC.
36 GALLATIN FIELD BELGRADE, MT (KBZM)
PHONE 406-388-1351 FAX 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL #	TAC & TOTAL TIME
21 APRIL 06	N571DS	10360- MIA	L32307-51A	201.8

Inspection completed this date. Checked compression, cleaned plugs. Checked mag timing. Changed oil & filter. Pressure checked exhaust system. Checked alternator & starter. C/W AD 2002-26-08. Checked controls. Washed & ran engine. Has been inspected in accordance with a 100 hr inspection & was determined to be in an airworthy condition.


 Arlin C. Wass A&P I340061


CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

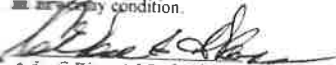
MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
571		DA Q 42
/	/	/

 **ARLIN'S AIRCRAFT
SERVICE, INC.**
36 GALLATIN FIELD BELGRADE, MT (K02N)
PHONE: 406-388-1351 FAX: 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL #	TAC & TOTAL TIME
26 JUNE 06	N571DS	IO360-M1A	L32307-51A	303.4

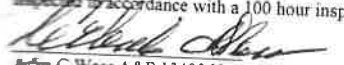
Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Pressure checked exhaust system. Checked alternator and starter. Checked fuel injection lines to c/w AD2002-26-01. Checked controls. Washed & ~~in engine~~ I certify that this engine has been inspected in accordance with a 100 hr. inspection & was determined to be in ~~an~~ ~~airworthy~~ condition.


Arlin C Wass A&P 1340061

 **ARLIN'S AIRCRAFT
SERVICE, INC.**
36 GALLATIN FIELD BELGRADE, MT (K02N)
PHONE: 406-388-1351 FAX: 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL #	TAC & TOTAL TIME
27 AUG 06	N571DS	IO-360-M1A	L32307-51A	399.3

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Pressure checked exhaust system. Checked alternator and starter. Replaced points and condenser in ~~the~~ right mag. Timed mag to engine. Checked fuel injection lines to c/w AD 2002-26-01. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.


Arlin C Wass A&P 1340061

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
9/11/04					I.D. 2700000 OIL ALTERNATOR ALU 8521 L3 FROM 6082611. Arlin Wass A&P 1340061
TAC	401.0				

**ARLIN'S AIRCRAFT
SERVICE, INC.**

36 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE: 406-388-1351 FAX: 406-388-7417

<u>DATE</u>	<u>REGISTRATION</u>	<u>ENGINE</u>	<u>SERIAL #</u>	<u>TAC & TOTAL TIME</u>
13 NOV 06	N571DS	IO360-M1A	L32307-51A	499.3

Inspection completed this date. Checked compression and cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Checked fuel injector lines to comply with AD 2002-26-01. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Arlin C. Wass A&P 1340061

**ARLIN'S AIRCRAFT
SERVICE, INC.**

36 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE: 406-388-1351 FAX: 406-388-7417

<u>DATE</u>	<u>REGISTRATION</u>	<u>ENGINE</u>	<u>SERIAL</u>	<u>TAC & TOTAL TIME</u>
05 MAR 07	N571DS	IO-360-51A	L-32307-51A	598.8

Inspection completed this date. Checked compression, cleaned plugs, checked mag timing, changed oil and filter. Pressured checked by system. Checked alternator and starter. Cleaned fuel screens. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition

Arlin C. Wass A&P 1340061

CR Fuel Injector Lines AD 2002-26-01

3/21/07	641.1			INSTALLED NEW STATOR PART # 149-2415. Arlin Wass A&P 1340061
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CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD



38 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE: 406-388-1351 FAX: 406-388-7417

SIGNATURE

LICENCE NUMBER

DATE: 27 MAY 07 REGISTRATION: N571DS ENGINE: 10360-M1A SERIAL: L32307-51A TAC & TOTAL TIME: 698.6

Inspection completed this date. Checked compression. Installed new plugs. Pressure checked exhaust system. Checked alternator and starter. Changed oil and filter. Replaced alternator bracket. Installed control and condenser in both mags. Tired mags to engine. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Arline C. Wass
Arline C. Wass A&P 13-1061



38 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE: 406-388-1351 FAX: 406-388-7417

DATE: 25 JULY 07 REGISTRATION: N571DS ENGINE: 10360-M1A SERIAL#: L-32307-51A TAC & TOTAL TIME: 799.3

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Pressure checked exhaust system. Checked alternator and starter. Checked fuel injector lines to c/w AD 2002-26-01. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an air worthy condition.

Arline C. Wass
Arline C. Wass A&P 1340061



38 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE: 406-388-1351 FAX: 406-388-7417

REGISTRATION: N571DS ENGINE: 10360-M1A SERIAL#: L-32307-51A TAC & TOTAL TIME: 898.7

Completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and alternator and starter. Pressure checked exhaust system. Checked controls. Washed and ran this engine has been inspected in accordance with a 100 hour inspection and was in air worthy condition.

Arline C. Wass

HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR INSTALLATIONS, INSPECTIONS, ETC.
	HRS.	MIN.	HRS.	MIN.	
2/17/09	11	19	11	19	Change oil & oil filter. Inspected piston for metal. Spark 15/50 oil. QW08-17-14. OF Fuel injection lines & clean. Valve repair 1291.9. Compressor @ 740. Replaced spark PL4700 @ 1291.9
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 Hour</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>CB</u> CERT. # <u>117759490</u>					

November 2, 2009 N571DS Tach:1249.1

1. Changed oil and oil filter CH48110-1 and added 8 quarts 15w50 Aweoshell.
2. Wash engine and lubed controls.
3. Post maintenance turn performed satisfactory.

Aero Services of Winchester, Inc.
 615 Airport Road Suite 107
 Winchester, VA 22602
 540-665-0193

Nicholas Bousquet
 Nicholas Bousquet A&P3359966

May 27, 2010 N571DS DA40 Tach: 1291.7

1. Performed 100 Hour Inspection IAW approved checklist.
2. Performed compression check with the following results:
 #1 76/80 #2 76/80 #3 75/80 #4 76/80
3. Cleaned, gapped and rotated spark plugs.
4. Checked magneto to engine timing and adjusted as required.
5. Changed oil and oil filter CH481110, and added 8 qts. of 15w50.
6. Inspected propeller, spinner and dressed L/E of blades.
7. Re-secured ignition harness to engine frame.
8. Washed engine and lubricated controls.
9. Cleaned fuel injectors.
10. Inspected all accessories and hardware for security and serviceability.
11. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc.
 615 Airport Road Suite 107
 Winchester, VA 22602
 540-665-0193

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Nicholas Bousquet
 Nicholas Bousquet A&P3359966

TOTAL		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
 NOTES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
 NUMBER

August 6, 2010 DA-40 N571DS TACH: 1339.9

1. Changed oil and oil filter CH481110, and added 8 qts 15w50.
2. Collected oil sample for analysis.
3. Washed engine and lubricated controls.
4. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc.
 615 Airport Road Suite 107
 Winchester, VA 22602
 540-665-0193

Jonathan Hisghman
 Jonathan Hisghman A&P254307

CRS# YBJR768L



1005A Sycolin Road
 Leesburg Municipal Airport, Leesburg VA-20175
 Tel: (703) 771-0188 Fax: (703) 779-0435

DATE: 10-27-2010
 REG: N571DS
 MODEL: DA40
 HOBBS: 1786.5

WORK ORDER: S20-10-00982
 MAKE: Diamond
 S/N: 40.571
 TACH: 1387.3

- Removed, charged and reinstalled main aircraft battery.
- Performed post maintenance systems check of a forementioned repair(s). No defects noted at this time.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

[Signature]
 SIGNATURE

November 5, 2010 N571DS DA40 Tach: 1390.0

1. Performed 100 Hour Inspection IAW approved checklist.
2. Performed compression check with the following results:
 #1 74/80 #2 70/80 #3 76/80 #4 76/80
3. Cleaned, gapped and rotated spark plugs.
4. Checked magneto to engine timing and adjusted as required.
5. Changed oil and oil filter CH481110, and added 8 quarts of Aero Shell 15w50.
6. Collected oil sample for analysis.
7. Inspected propeller, spinner and dressed L/E of blades.
8. Washed engine and lubricated controls.
9. Inspected all accessories and hardware for security and serviceability.
10. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc.
 685 Airport Road Suite 107
 Winchester, VA 22602
 540-665-0193

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Justin Farris
 Justin Farris A&P3146596

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

March 1, 2011 N571DS DA-40 Tach: 1446.2

1. Changed oil and oil filter CH48110 and added 8 15w50 Aero Shell.
2. Washed engine and lubricated controls.
3. Collected oil sample for analysis.
4. Post maintenance turn performed satisfactory.

PHOTOGRAPHS, ADJUSTMENTS, INSPECTIONS,
FINES AS REQUIRED FOR

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193


Justin Craig Farris A&P3146596

June 2, 2011 N571DS DA40 Tach: 1479.2

1. Performed 100 Hour Inspection IAW approved checklist.
2. Performed compression check with the following results:
#1 78/80 #2 78/80 #3 76/80 #4 77/80
3. Cleaned, gapped and rotated spark plugs.
4. Checked magneto to engine timing and adjusted as required.
5. Changed oil and oil filter CH481110, and added 8 quarts of Aero Shell 15w50.
6. Washed engine and lubricated controls.
7. Inspected all accessories and hardware for security and serviceability.
8. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.


Arthur L. Atwood II A&P3168854

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

RE

LICENCE
NUMBER

November 4, 2011 N571DS DA40 Tach: 1578.8

1. Performed 100 Hour Inspection IAW the Scope and Detail of FAR43 Appendix D.
2. Performed compression check with the following results:
#1 76/80 #2 75/80 #3 76/80 #4 76/80
3. Cleaned, gapped and rotated spark plugs.
4. Checked magneto to engine timing and adjusted as required.
5. Changed oil and oil filter CH481110, and added 8 quarts of Aero Shell 15w50.
6. Washed engine and lubricated controls.
7. Collected oil sample for analysis.
8. Inspected all accessories and hardware for security and serviceability.
9. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc.
625 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Jonathan Hisghman
Jonathan Hisghman A&P254307

ENGINE SERVICE AND

DATE

CRS# YBJR768L



**LANDMARK
AVIATION**

BROUG
FORWA


1005A, Sycolln Road
Leesburg Municipal Airport, Leesburg VA-20175
Tel: (703) 771-0188 Fax: (703) 779-0435

DATE: 07-20-2011
REG: N571DS
MODEL: IO-360-M1A
HOBBS: 1946.3

WORK ORDER: S20-11-01398
MAKE: Lycoming
S/N: L-32307-51A
TACH: 1505.1

- Removed both #1 spark plugs. Cleaned, tested and reinstalled top plug. Installed new plug P/N REM40E in lower position.
- Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.


SIGNATURE

2-22-12	TACH	1640.1			CHANGED OIL & OIL FILTER. ADD AEROSHELL 15W50 OIL. ENGINE GROUND TURN & LEAK CHECK SATISFACTORY. J. Carlini A&P 2258458

April 20, 2012 N571DS DA40 Tach: 1678.1 TET: 1678.1

1. Performed 100 Hour Inspection IAW the Scope and Detail of FAR43 Appendix D.
2. Performed compression check with the following results:
#1 71/80 #2 78/80 #3 76/80 #4 75/80
3. Cleaned, gapped and rotated spark plugs.
4. Checked magneto to engine timing and adjusted as required.
5. Changed oil and oil filter CH481110, and added 8 quarts of Aero Shell 15w50.
6. Washed engine and lubricated controls.
7. Cleaned and treated air inlet filter.
8. Replaced worn alternator hardware and torqued as required.
9. Inspected all accessories and hardware for security and serviceability.
10. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.


Arthur L. Atwood II A&P3168854

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL		


MAINTENANCE RECORD


June 4, 2012 N571DS DA 40 Tach: 1724.6

1. Changed oil and oil filter CH48110-1 and added 8 quarts Aero Shell 15w50.
2. Washed engine and lubricated controls.
3. Post maintenance turn performed satisfactory.

LICENCE
NUMBER

West Services of Winchester, Inc.
1015 Airport Road Suite 107
Winchester, VA 22602
(540) 425-0113


Justin Wordorf A&P3147596

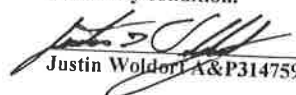
N571DS Tach: 1766.4
GPS NAV data updated and current
on 7-26-12
E.W. Bradish 3390112CFI: 

July 18, 2012 N571DS DA40 Tach: 1778.3 TET: 1778.3

1. Performed 100 Hour Inspection IAW the Scope and Detail of FAR43 Appendix D.
2. Performed compression check with the following results:
#1 78/80 #2 78/80 #3 76/80 #4 76/80
3. Cleaned, gapped and rotated spark plugs.
4. Installed "NEW" LH Magneto PN: 4347 SN: 11111479 and timed to engine.
5. Checked magneto to engine timing and adjusted as required.
6. Changed oil and oil filter CH481110, and added 8 quarts of Aero Shell 15w50.
7. Washed engine and lubricated controls.
8. Inspected all accessories and hardware for security and serviceability.
9. Cleaned, inspected and resealed oil filler tube.
10. Replaced #1 valve cover and #2 & #4 air intake gaskets.
11. Re-routed and secured battery drain hose.
12. Post maintenance turn performed satisfactory with no leaks noted at this time.

West Services of Winchester, Inc.
1015 Airport Road Suite 107
Winchester, VA 22602
(540) 425-0113

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.


Justin Wordorf A&P3147596

see A/F log for entry for
oil change TACH 1830.4 DTG 9/14/12

ENGINE SERVICE AND

CTIONS,
S REQUIRED FOR C

November 7, 2012 N571DS DA40 TACH: 1876.7

1. Performed 100 Hour Inspection IAW approved checklist.
2. Performed compression check with the following results:
#1 77/80 #2 75/80 #3 76/80 #4 76/80
3. Cleaned, gapped and rotated spark plugs.
4. Checked magneto to engine timing and adjusted as required.
5. Washed engine and lubricated controls.
6. Inspected all accessories and hardware for security and serviceability.
7. Tightened alternator belt and safety wired same.
8. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Daniel Walker
Daniel Walker A&P3660002

January 7, 2013 N571DS DA40 Tach: 1931.5

1. Changed oil and oil filter CH48110-1 and added 7 quarts Aero Shell 15w50.
2. Washed engine and lubricated controls.
3. Post maintenance turn performed satisfactory.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

Joseph M. Furtado
Joseph M. Furtado A 3364979

Leesburg Executive Airport
1005 Sycolin Rd
Leesburg, VA 20175
CRS 2PJR099M



Date: 1/24/2013; Aircraft: N571DS; Type: DA-40; S/N: 40.571; Hobbs: 2509.20; Tach: 1934.70
Shop Order #: S01-100269

Replaced hot air hose. Operational check normal, heat comes out of floor vent and defrost vent.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

John [Signature]
Signature

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER



HOWARD AIRCRAFT, INC.

Phone: (204) 283-2231 • 2145 Kelly Island Road • Marlinton, WV 25401

APRIL 26, 2013 **N571DS IO-360-M1A L-32307-51A**
TACH= 1972.5 ENG. TT = 1972.5

PERFORMED 100 HOUR INSPECTION PER HAI CHECKLIST IAW FAR 43, APPENDIX "D". AD'S CHECKED THRU 2013-07. C/W AD 11-26-04 FUEL INJECTION LINES PER INSPECTION. DUE AGAIN BY 2072.5. CHANGED OIL AND OIL FILTER. ADDED AEROSHELL 15W50 OIL. SERVICED SPARK PLUGS. ENGINE GROUND RUN AND LEAK CHECK SATISFACTORY.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

G. Andre' Frye
G. ANDRE' FRYE A&P2758458

13 Tach 2078.7 Changed Oil + Oil Filter
 Inspected Filter Installed AA49140-2
 Filter + 8 qts Shell 15/50 Oil
CAF 2758458

September 16, 2014 N571DS DA40 Hobbs: 2034.6

1. Removed engine Model # IO-360-M1A SN: L-32307-51A
2. This engine is being removed due to a propeller strike.
3. Transferred basic engine to Aero Engines of Winchester.

Aero Services of Winchester, Inc.
 625 Airport Road Suite 107
 Winchester, VA 22602
 540-465-8193

Jonathan Highman
Jonathan Highman A&P254307

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					



615 AIRPORT ROAD #109 • WINCHESTER, VA 22602
(540) 678-1661

01-02-2014 Engine Model: IO-360-M1A Serial Number: L-32307-51A TSMOH: 0.0 hrs

Engine disassembled, cleaned, and inspected at this time for overhaul. All parts were Magnaflux, visually or zyglol inspected. Install Overhauled Crankshaft by Rick Romans RS BE2R713K; WO 48140, Install Overhauled Camshaft by Rick Romans RS BE2R713K; WO 48247, Install new main bearings (P/N SL16711A) and Rod Bearings (P/N SL13521A). Install new Tappet Bodies by Rick Romans RS BE2R713K; WO 48012. Installed new Impeller Kit SL18109A-S. Installed 4 Lycoming Cylinder assemblies P/N 05K21104; S/N's B24337B, B24337C, B24337D, B24337A, Installed RSA-5ADI servo overhauled by Avstar RS V1RR580Y; WO 190212. Installed new slick K4516 Kit (includes magnetos, harness, plugs). Install new fuel pump AF-15473; S/N 02VU21. The following AD's were complied with or previously complied with: C/W AD 04-10-14 C1 by new crank gear bolt, I/A/W SB 475. Next due at prop strike or overhaul: AD 96-09-10 C/W. correct gears installed, AD 11-26-04 C/W by inspection, AD 12-03-06 C/W by overhaul, AD 87-10-06 R1 P/C/W. AD 04-06 R1 P/C/W. The following AD's are not applicable: AD 96-23-03, AD 98-17-11, AD 03-14-03, AD 05-19-11, AD 06-16, AD 06-10-21, AD 06-12-07, AD 07-04-19 R1, and AD 09-26-12. All work accomplished I/A/W Textron Lycoming overhaul manuals. Engine test ran satisfactory.

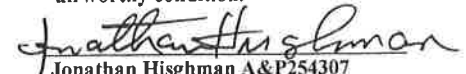

Aero Engines RS 27 WR209B.

March 3, 2014 N571DS DA40 TACH: 2034.6 TET: 2034.6 SMOH: 0000.0

1. Installed engine after being overhauled by Aero Engines.
2. Serviced with Aero Shell 100 Mineral oil.
3. Performed post maintenance turn satisfactory with no leaks noted at this time.
4. Cut open filter and inspected satisfactory.
5. Installed new alternator belt.
6. Installed new Muffler PN: D40-7 and attaching gaskets and hardware.
7. Test flight performed this date by Aero Engines.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.


Jonathan Hisghman A&P254307

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TOTAL FROM PREVIOUS SUMMARY			

MAINTENANCE RECORD

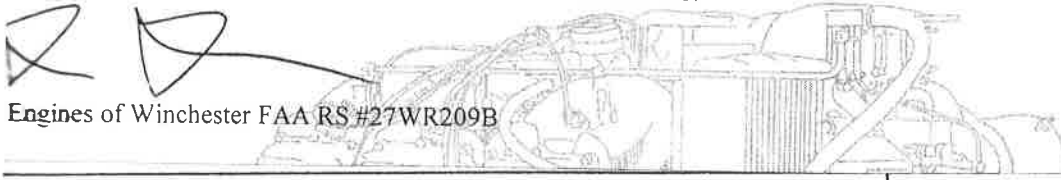
REPAIRS, ADJUSTMENTS, MODIFICATIONS <small>▲ A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.</small>	SIGNATURE	LICENCE NUMBER
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615 AIRPORT ROAD #109 • WINCHESTER, VA 22602
(540) 678-1661

0-31-2014 N571DS TACH: 2051.4 TSMO: 16.8 hrs

GE OIL AND CHECK OIL FILTER
 CE ENGINE WITH AA48110-2 FILTER AND 8QT 20/50 XC.
 IED ENGINE CONTROL MOVEMENTS.
 TEST RAN SATISFACTORILY.
 MAINTANCE RUN UP INSPECTION CONDUCTED, NO LEAKS NOTED.
 WORK ACCOMPLISHED IAW MFGR. SERVICE MANUALS.



Engines of Winchester FAA RS #27WR209B

15 2081.5 CHANGED OIL & OIL FILTER. ADDED
 AGRO SHELL 15W50 OIL. ENGINE GROUND RUN &
 LEAK CHECK SATISFACTORY.

[Signature]
 A&P 2758458

TACH 2097.3 ENG. TT = 2097.3 SMOH = 62.7
 PERFORMED ANNUAL INSPECTION PER MAI CHECKLIST IAW
 FAR 43, APPENDIX D. AD'S CHECKED THRU 2015-05. C/W
 AD 11-26-04 FUEL TRJ. LINES PER INSP. DUE AGAIN @
 2197.3. CHANGED OIL & OIL FILTER ADDED AGRO SHELL
 15W50 OIL. SERVICED PLUGS. ENGINE GROUND RUN & LEAK
 CHECK SATISFACTORY.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
 IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
 WAS DETERMINED TO BE IN FAIR WORTHY CONDITION.

HOWARD AIRCRAFT INC.
 2145 Kelly Island Rd.
 Martinsburg, WV 25405-2778

SIGNED *[Signature]* CERT. # A&P 2758458 IA

PA
 AM

EM
 AM

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
5/30/15	2	42.5			CHANGED OIL & OIL FILTER. ADDED AEROSHELL 15W50 OIL. ENGINE GROUND RUN & LEAK CHECK SATISFACTORY. <i>A. C. C. 9/1</i> APP 2758458
06/17/2015	2	15.8			
06/17/2015	2	15.8			CHANGED OIL AND OIL FILTER. ADDED AEROSHELL 15W50 OIL. ENGINE GROUND RUN AND LEAK CHECK SATISFACTORY. <i>Aman Dhani</i> APP 3788701
08/14/2015	2	195.1			INS71DS PERFORMED 100HR INSPECTION PER HAI CHECKLIST IAW FAR 43 APPENDIX D. AD'S CHECKED THROUGH 2015-15. COMPLIED WITH AD 11-26-04 FUEL INJECTION LINE PER INSPECTION AND DUE AGAIN AT 229 CHANGED OIL AND OIL FILTER. ADDED AEROSHELL 15W50 OIL. SERVICED SPARK PLUGS. ENGINE GROUND RUN & LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED <i>Aman Dhani</i> CERT. # APP 3788701
11-17-15	TACH	2248.7			CHANGED OIL & OIL FILTER. ADDED AEROSHELL 15W50 OIL. ENGINE GROUND RUN & LEAK CHECK SATISFACTORY. <i>A. C. C. 9/1</i> APP 2758458
CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

-16 TACH= 2288.6 TT= 2288.6 SMOH= 254.
 PERFORMED ANNUAL INSPECTION PER HAI
 CHECKLIST I/A/W FAR 43, APPENDIX D.
 AD'S CHECKED THRU 2015-01. CWAD
 15-19-07 FUEL INJECTION LINES PER
 INSPECTION. DUE AGAIN @ 2388.6.
 CHANGED OIL & OIL FILTER. ADDED
 ACROSHER 15W50 OIL. SERVICED
 SPARK PLUGS. TORQUE ROCKEX COVERS.
 ENGINE GROUND RUN & LEAK CHECK
 SATISFACTORY.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
 IN ACCORDANCE WITH A ANNUAL INSPECTION AND
 WAS DETERMINED TO BE IN AIR WORTHY CONDITION.

HOWARD AIRCRAFT INC.
 2145 Kelly Island Rd.
 Martinsburg, WV 26405-2778

SIGNED [Signature] CERT. # A422758458 TA

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

PROPELLER LOG

- 1. Make HARTZELL
- 2. Model AC-CZYR-1BFP/F7497
- 3. Specification No. P-920
- 4. Date of Manufacture 1-19-14
- 5. Hub Serial No. CH 39196B
- 6. Blades
 - (a) Design No. ~~F7495S~~ F7497
 - (b) Blade Serial Nos.
 - (i) ~~K24401~~ L 44174
 - (ii) ~~K24404~~ L 44168
 - (iii) _____
 - (iv) _____
 - (v) _____
 - (c) Pitch Setting
 - (i) Basic _____
 - (ii) High 30.0
 - (iii) Low 13.9
 - (iv) Reverse _____

PROPELLER SERVICE A

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED
	HRS.	MIN.	HRS.	MIN.	
	BROUGHT FORWARD		0	0	
OCT 21 2005			3	9	PROPELLER INSTALLED NEW ON DA HOURS BROUGHT FORWARD
24 Feb 06			99	3	Filed, Painted, Greased & d. Prop. 1000 lb. 1000 AT 11340
31 March 06			201	3	Filed, Painted, Greased & d. Prop. 1000 lb. 1000 AT 11340
27 June 06			303	4	Filed, Painted & Greased 1000 lb. 1000 AT 11340
28 Aug 06			399	3	Filed, Painted, Greased & d. 1000 lb. 1000 AT 11340
13 Nov 06			499	3	Filed, Painted Greased & d. 1000 lb. 1000 AT 11340
5 March 07			598	8	Filed, Painted, Greased & d. 1000 lb. 1000 AT 11340
7 May 07			698	6	Filed, Painted, Greased & d. 1000 lb. 1000 AT 11340
6 July 07			799	3	Filed, Painted, Greased & d. Prop. 1000 lb. 1000 AT 11340
11 Sept 07			898	7	Filed, Painted, Greased & d. Prop. 1000 lb. 1000 AT 11340
9 Jan 08			995	9	Filed, Painted, Greased & d. 1000 lb. 1000 AT 11340
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

CARRIED FORWARD

PROPELLER SERVICE AN

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		<small>INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FO</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→				

May 27, 2010 N571DS DA40 Tach:1291.7

1. Inspected propeller, spinner and dressed L/E of blades.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Nicholas Bousquet
Nicholas Bousquet A&P3359966

November 5, 2010 N571DS DA40 Tach: 1390.0

1. Inspected propeller, spinner and dressed L/E of blades.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Justin Farris
Justin Farris A&P3146596

June 2, 2011 N571DS DA40 Tach: 1479.2

1. Inspected propeller, spinner and dressed L/E of blades.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Arthur L. Atwood II
Arthur L. Atwood II A&P3168854

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TOTAL FROM PREVIOUS SUMMARY				
TOTAL SINCE MFG.				

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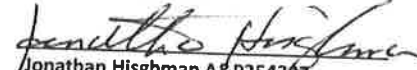
MAINTENANCE RECORD

November 4, 2011 N571DS DA40 Tach: 1578.8

1. Inspected propeller, spinner and dressed L/E of blades.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.


Jonathan Highman A&P254307

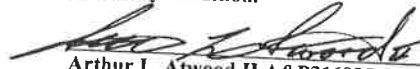
JRE
LIFE
NUM

April 20, 2012 N571DS DA40 Tach: 1678.1 TET: 1678.1

1. Inspected propeller, spinner and dressed L/E of blades.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this Propeller has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.



Arthur L. Atwood II A&P3168854

July 13, 2012 N571DS DA40 Tach: 1778.3 TET: 1778.3

1. Inspected propeller, spinner and dressed L/E of blades.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this Propeller has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

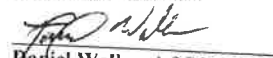

Arthur L. Atwood II A&P3168854

November 7, 2012 N571DS DA40 TACH: 1876.7

1. Performed 100 Hour Inspection IAW approved checklist.
2. Inspected propeller, lubricated, spinner and dressed L/E of blades.

Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this Propeller has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.


Daniel Walker A&P3660002

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.
OR LIFE

PROPELLER SERVICE

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
4-26-13			1972.5		PERFORMED 100 HOUR INSPECTION HAI CHECKLIST I/A/W FAR D. AD'S CHECKED THRU & SMOOTHED, PAINTED BLADE
HOWARD AIRCRAFT INC. 2145 Kelly Island Rd. Martinsburg, WV 25401 (304) 263-2231					I CERTIFY THAT THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
					SIGNED <i>J. Carl By</i> CERT. # A&P2584

March 3, 2014 N571DS DA40 TACH: 2034.6 TAT: 2034.6 TTSNP: 0000.0

1. Performed 100 Hour Inspection LAW approved checklist.
2. Installed NEW propeller and spinner kit from Hartzell.
3. Model # HC-C2YR-1BFP/F7497 SN: NS1727B.

Acro Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193

I certify that this Propeller has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Jonathan Hisghman
Jonathan Hisghman A&P254307

Mar. 18, 2015	TACH 2097.3	TI = 62.7	
HOWARD AIRCRAFT INC. 2145 Kelly Island Rd. Martinsburg, WV 25405-2778			PERFORMED ANNUAL INSPECTION HAI CHECKLIST I/A/W FAR 43, AD'S AD'S CHECKED THRU 2015-05. S PAINTED BLADES.
			I CERTIFY THAT THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
			SIGNED <i>J. Carl By</i> CERT. # A&P2584
CARRIED FORWARD			

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

~~DRAG~~ & DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

N571DS

~~2015~~ TACH 2195.1

PERFORMED 100HR INSPECTION PER HAI CHECKLIST IAW FAR 43

APPENDIX D. ADS CHECKED THROUGH ~~2015-15~~ 2015-15. SMOOTHED AND PAINTED BLADES.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED Amman Durani CERT. # AAP 3788701

TACH = 2288.6 TF-191.3

PERFORMED ANNUAL INSPECTION PER HAI CHECKLIST IAW FAR 43, APPENDIX D. ADS CHECKED THRU 2016-01. NO ADS DUE AT THIS TIME. SMOOTHED, PAINTED BLADES.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED J. Quate Jr CERT. # AAP 2758458 JA

WING AIRCRAFT INC.
1345 Gully Island Rd.
Wilmington, WV 25405-2778