

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 COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	0	0	0	0	AIRCRAFT NEW WITH HARTZELL PROPELLER INSTALLED AS PER STC N: 541875CH GAW



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

SERIAL NUMBER

REGISTRATION MARK

40.571

N571DS



I certify that the ATC Transponder & Altitude Reporting System(s) have been tested in Accordance with Standard 571, Appendix F F.A.R. 91:217: & F.A.R. 91:413.

DATE

INSPECTOR

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	152
FOR	S	210	240	W	300	330
STEER	181	211	240	270	300	331



INDEPENDENT CHECK OF FLIGHT AND POWERPLANT CONTROLS

DATE

INSPECTOR

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

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 COMPLETE</small>								
	HRS.	MIN.	HRS.	MIN.									
BROUGHT FORWARD			3.9										
					<p>Diamond</p> <p>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 the applicable standards of airworthiness.</p> <p>DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL # 161-93</p> <p>Signature <u><i>W. Habersche</i></u> Lic. Or Stamp DA R012</p>								
					<p>23-30V06 77.1 Hr</p> <p>Install new alternator & repair power lead connector - Kelly Aerospace</p> <p>PN ALU 8521US</p> <p>Serial F-040063</p> <p><i>Martin Stamm</i> #P 1595797</p>								
					 ARLIN'S AIRCRAFT SERVICE, INC. <small>38 GALLATIN FIELD BELGRADE MT (KBDZ) PHONE 406-388-1351 FAX 406-388-7417</small>								
					<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><u>DATE</u></td> <td style="width: 25%;"><u>REGISTRATION</u></td> <td style="width: 25%;"><u>SERIAL #</u></td> <td style="width: 25%;"><u>TAC & TOTAL TIME</u></td> </tr> <tr> <td>24 Feb 06</td> <td>N571DS</td> <td>40.571</td> <td>99.5</td> </tr> </table> <p>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.</p> <p><i>Arlin C. Wass</i> Arlin C. Wass A&P 1340061</p>	<u>DATE</u>	<u>REGISTRATION</u>	<u>SERIAL #</u>	<u>TAC & TOTAL TIME</u>	24 Feb 06	N571DS	40.571	99.5
<u>DATE</u>	<u>REGISTRATION</u>	<u>SERIAL #</u>	<u>TAC & TOTAL TIME</u>										
24 Feb 06	N571DS	40.571	99.5										
					CARRIED FORWARD								

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 SW</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 Phillips 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>
OCT 21 2005			3	9	<p><i>1 HOURS BROUGHT FORWARD</i></p>

ARLIN'S AIRCRAFT SERVICE, INC.
39 GALLATIN FIELD BELGRADE, MT (K82N)
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 1340061

ARLIN'S AIRCRAFT SERVICE, INC.
39 GALLATIN FIELD BELGRADE, MT (K82N)
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 2002-26-04. 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 1340061

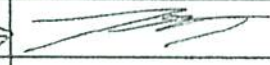
CARRIED FORWARD

TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

ENGINEERING RECORD

DEFECTS, REPAIRS & REPLACEMENT <small>WRITE IN THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.</small>	SIGNATURE	LICENCE NUMBER
<p><i>REMOVED ARTIFICIAL HORIZON</i> <i>Part # 25194 + INSTALLED NEW HORIZON</i> <i>Part # 25338 TA 186.0</i> <i>Checked Done A/P 1340061</i></p>		
<p>ARLIN'S AIRCRAFT SERVICE, INC. <small>36 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE: 406-385-1251 FAX: 406-385-7417</small></p>		
REGISTRATION N571DS	SERIAL # 40-571	TAC & TOTAL TIME 201.8
<p>Completed this date. Checked cables, control rods, pulleys, lites, brakes, tires, battery, ELT 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</p>		
 <small>A&P 1340061</small>		
<p><i>INSTALLED NEW DUCKS</i> <i>Part # 5100-00-9 Feet</i> <i>6638. + New Cyl Head TBN</i> <i>Part # 2 Cyl Head</i> <i>Checked Done A/P 1340061</i></p>		
<p>ARLIN'S AIRCRAFT SERVICE, INC. <small>36 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE: 406-385-1251 FAX: 406-385-7417</small></p>		
REGISTRATION N571DS	SERIAL # 40-571	TAC & TOTAL TIME 303.4
<p>Completed 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.</p>		
 <small>A&P 1340061</small>		

MAINTENANCE RECORD

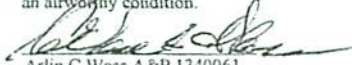
REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE
70.571	

DA
Q 42


**ARLIN'S AIRCRAFT
SERVICE, INC.**
38 GALLATIN FIELD BELGRADE, MT (R02N)
PHONE: 406-388-1351 FAX: 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL #	TAC & TOTAL TIME
26 JUNE 06	N571DS	IO366-M1A	L32307-51A	303.4

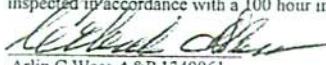
Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Pressure checked exhaust system. Checked alternator and starter. Checked fuel injection lines to c/w AD2002-26-01. Checked controls. Washed & ran engine. I certify that this engine has been inspected in accordance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


Arlin C. Wass A&P 1340061


**ARLIN'S AIRCRAFT
SERVICE, INC.**
38 GALLATIN FIELD BELGRADE, MT (R02N)
PHONE: 406-388-1351 FAX: 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL #	TAC & TOTAL TIME
22 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 ~~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.

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		<p style="text-align: center;">ENGINEERING RECORD</p> <p style="font-size: small;">NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</p>
	HRS.	MIN.	HRS.	MIN.	

BROUGH FORWAR



36 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.

Arlin C. Wass
 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.

Arlin C. Wass
 Arlin C. Wass IA 1340061

15 Sept 06	40580		FRONT TAIL BLD. RG 24-15" IN DIA ITG Lg Arlin Wass APP 1340061
27 OCT 06	4114		REMOVED RISKES FULL PUMP SER # 6638 + LEFT MILLER W/ W/ W PUMP SER # 5239. Arlin Wass SER 8130-3 FULL APP 1340061



36 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.

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

13 NOV 06	499.2		51A PSD-40-048-2 + AD 5006-23-04 N/A Rev 510 Arlin Wass APP 1340061
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CARRIED FORWARD

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 →					
9/11/64					INSTALLED BY ALTERNATOR
TAC	4	07.0			ALSO 8524 L3 SER. # 6002611.
					Check Sheet A&P 1340061

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD BELGRADE, MT (K8ZD)
PHONE: 406-388-1351 FAX: 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL #	TAC & TOTAL TIME
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 (K8ZD)
PHONE: 406-388-1351 FAX: 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL	TAC & TOTAL TIME
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 & Air Fuel Lines AD 2002-26-01

3/21/07	6	41.1			INSTALLED NEW STARTER Part # 149-3415. Check Sheet A&P 1340061

CARRIED FORWARD

TOTAL THIS PAGE				
TOTAL FROM PREVIOUS SUMMARY				
TOTAL SINCE UFG.				

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE NUMBER
DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		
<p>AS PER STC No. SA01254WE AMEND. 2</p> <p>Diamond</p> <p>Verify that the Static Pressure system has been repaired and tested in accordance with Standard 571, Appendix B of the Airworthiness Manual, and F.A.R. 91:411</p> <p>DATE: 18 October, 2005 INSPECTOR: </p>		

Diamond

The ELT was tested and inspected in Accordance with Standard 571, Appendix G of the Airworthiness Manual and F.A.R. 91:207(d)

ANNUAL INSPECTION DUE: OCTOBER 2006
BATTERY DUE: DECEMBER 2007

DATE: 18 October, 2005 INSPECTOR:

Diamond

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.

DATE: 18 October, 2005 INSPECTOR:

		CA396393
		CA396393
		CA396393

Diamond

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)

MAINTENANCE RECORD

ENTRIES:



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

35 GALLATIN FIELD BELGRADE, MT (KB2N)
PHONE 406-388-1351 FAX 406-388-7417

SIGNATURE

LICENCE
NUMBER

DATE REGISTRATION ENGINE SERIAL TAC & TOTAL TIME
07 MAY 07 N571DS 10360-M1A L32307-51A 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 points and condenser in both mags. Tinted 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.

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



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

35 GALLATIN FIELD BELGRADE, MT (KB2N)
PHONE 406-388-1351 FAX 406-388-7417

DATE REGISTRATION ENGINE SERIAL# TAC & TOTAL TIME
05 JULY 07 N571DS 10360-M1A L-32307-51A 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.

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



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

35 GALLATIN FIELD BELGRADE, MT (KB2N)
PHONE 406-388-1351 FAX 406-388-7417

DATE REGISTRATION ENGINE SERIAL# TAC & TOTAL TIME
11 SEPT 07 N571DS 10360-M1A L-32307-51A 898.7

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Checked alternator and starter. Pressure checked exhaust system. 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 air worthy condition.

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

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

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 COMPLET</small>
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD



30 GALLATIN FIELD BELGRADE, MT (KBZM)
PHONE: 406-388-1551 FAX: 406-388-7417

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
05 JULY 07	N571DS	40-571	799.3

Inspection completed this date. Checked cables, pulleys, control rods, brakes, tires, battery ELT (Due Dec 07) Drained sumps and cleaned gascolator. Checked wing, gear, and tail bolts. Replaced right and left brake blocks. Replaced instrument filter.

[Signature]
Arlin C. Wass A&P 1340061

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
05 JULY 07	N571DS	40-571	799.3

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



C.R.S. NH2R031L
1651 Aviation Place Billings, MT 59105
(406) 259-5006

8/03/07 N571DS Diamond Aircraft DA-40 S/N 40.571 835.7 hrs Tach 1034.1 hrs Hobbs

Replaced this date the defective Garmin G-1000 Series MFD: Removed Garmin model GDU-1040 P/N 011-00972-00 S/N 86503075. (Range control intermittently inop). Installed a warranty overhauled exchange unit: Installed same make, model and P/N, S/N 86503061. See Garmin International FAA Form 8130-3 dated 6/5/2007. Following installation, the customer supplied Airframe Certification files dated October 2006 were uploaded and verified. Final functional ramp test passed.

[Signature]

Gordon Dewey 2369526

9 Aug 07	851.9			Installed Brewit Board Kit Part 4-2486-44-00 600 746 Adts Arlin C. Wass A&P 1340061
CARRIED FORWARD				

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 COMPLETE

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.

Arlyn C. Wass
Arlyn 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.

Arlyn C. Wass
Arlyn 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: *ADC* AEROTRONICS, INC. C.R.S. NH2R031L A/C TIME: 1278.3 H

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: *ADC* PRESSURE AEROTRONICS, INC. C.R.S. NH2R031L A/C TIME: 1278.3 H

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: *ADC*

AEROTRONICS, INC. C.R.S. NH2R031L

CARRIED FORWARD

ENGINEERING RECORD



ARLIN'S AIRCRAFT SERVICE, INC.


30 GALLATIN FIELD BELGRADE, MT (K02N)
PHONE 406-388-1351 FAX 406-388-7417

SIGNATURE

LICENCE
NUMBER

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
11 SEPT 07	N571DS	40.571	898.7

Inspection completed this date. Checked cables, pulleys, control rods, lights, 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 hour inspection and was determined to be in an air worthy condition.


Arlin C. Wass A&P 1340061

This aircraft's ATC transponder system has been inspected and tested in accordance with FAR 43, Appendix F to comply with FAR 91.413.

Signed  Date 10/30/07

Work Order # 07-5770

Yellowstone Jetcenter
C.R.S. YJ5R683Y
456 Gallatin Field Rd.
Belgrade, MT 59714

MINUTEMAN AVIATION INC.
5225 HWY 10 WEST-BOX 16, MISSOULA, MT. 59808
AIRCRAFT:571DS MODEL:DA-40 S/N:40-571
HOBBS: 1218.8 TOTAL TIME:UNK

TROUBLESHOT CHARGING SYSTEM. FOUND BROKEN WIRE INSIDE TERMINAL ON GROUND POST AT ALTERNATOR. INSTALLED NEW TERMINAL. GROUND RUN AND OPS TESTED NORMAL. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER W.O. 07-15126

DATE: 11/07/07

SIGNED: 
CERTIFIED REPAIR STATION: MINR449G

ARLIN'S AIRCRAFT SERVICE, INC.

36 GALLATIN FIELD BELGRADE, MT (K02N)
PHONE 406-388-1351 FAX 406-388-7417

DATE	REGISTRATION	SERIAL #	TAC & TOTAL TIME
24 OCT 07	N571DS	40-571	978.6

Installed new muffler part # DA40-7 and circuit board kit on the alternator part # DA4-2406-44-00.


Arlin C. Wass A&P 1340061

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <i>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</i>
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD

ARLINS AIRCRAFT SERVICE, INC.

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

DATE: 09 JAN 08
REGISTRATION: N571DS
ENGINE (L): 10360-MIA
SERIAL#: L32307-51A
TAC & TOTAL TIME: 995.9

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

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

5 Mar 08					Chgd Full Service Plug AD7088-06-51 TAC time 1025.5 - Replaced 50W-50 Oil - New AP 134061

ENGINE LOG ENTRY N571DS

Date: 10-24-08 Tach reads: 1095.0 SMOH: 1095.0
Completed a 100HR inspection this date in accordance with FAR part 43 app. D.
Cylinder compression #1-78/80 #2-78/80 #3-78/80 #4-78/80. Drained oil and
replaced filter P/N CH48110-1. Serviced engine with 8qts Phillips XC 20w-50.
Engine was washed run up and 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.

Kevin Gaschler
Kevin Gaschler for Solo Aviation
AP3257112

CARRIED FORWARD

TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

ENTRIES. D


1098.7
1359.9
H

SIGNATURE

LICENCE NUMBER

& TOTAL TIME
034.9
d elevator and installed placard


and flight manual supplement per 570.


Arlin C. Wass A&P 1340061

AIRFRAME LOG ENTRY N571DS

Date: 10-24-08 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
air filters 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.


I certify 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: 10-24-08 Tach reads: 1095.0 TTAF: 1095.0

I certify 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 NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COM
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
2-18-09					TACH-1131.1 H0335-1407.1
					REMOVED AND REPLACED PILOT SIDE RUDDER
					PEDAL ADJUSTMENT CABLE - PART # 20-2700-21-00.
					OPERATION CHECK NORMAL. END
					James E. Howell A/P 279480481
					FOR SOLO AVIATION, INC.
					CARRIED FORWARD

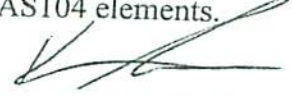
1/10/09

MAINTENANCE RECORD

ENGINE LOG ENTRY N571DS

Date: 11-13-08
Installed Tanis engine preheater system P/N TAS100-01 with optional TAS104 elements.

Hobbs reads: 1373.8



Kevin Gaschler for Solo Aviation
AP3257112

SIGNATURE

LICENCE NUMBER

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.