				AIR	TIME AND
DATE		ILY TAL	AL TIME SINCE		ENGINEERING RECORD  NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT FORWARD	0	0	0	MIN.	AIRCRAFT NEW WITH HART ZEW PROSELLER INSTALLED AS FER STE No. SACISSICH GAR-
<b>Diamend</b>				14	Diamond
DIAMOND A D.O.T. APPROV	IRCRAF ED MANI	T INDUS JFACTU	TRIES IN RER #1	C. 61-93	System(s) have been tested in Accordance with Standard 571, Appendix F F.A.R. 91:217: & F.A.R. 91:413.
SERIAL NUMBER		REGI	STRATIO	ON MAF	DATE INSPECTOR
40.571	40.571 N571DS				18 October, 2005
Diamond 13 OCT	OBER 20	05 S/N	40.571	Martin to a	- Diamend
FOR N 3	VIATION,	ALL ELE	120   150	-	INDEPENDENT CHECK OF FLIGHT AND POWERPLANT CONTROLS
	30 060	090	119 152		DATE INSPECTOR
	10 240	W 270	300 330 300 331		18 October, 2005
			550 551	]	10 000001, 2000 -11, 2011 -10
OCT 18 2005	0	6	0	6	AIRCRAFT SERVICEARLE FOR FLIGHT
OCT 19 2005			_	5	AIRCRAFT SERVICEABLE FOR FLIGHT
OCT 20 2005			3. 9	5	AIRCRAFT STRVICEABLE FOR FLIGHT

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.

CARRIED FORWARD

ALL DISCREPANCIES RECTIFIED

INSPECTOR

OCT 21 2005

**Diamend** 

DATE

21 October, 2005

DATE		ILY TAL	TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT			3	9	
					Date: 26 Oct 2005 , S/N: 40.571 Reg. #:N571DS W/O RO-05-194 TACH:3.9 HRS  Pins on voltage regulator connector replaced I.A.W Kelly Aerospace Instructions. Ground run of aircraft carried out. Charging system operation Normal. The maintenance described above has been performed in accordance with ti applicable standards of airworthiness. DIAMOND AIRCRAFT INDUSTRIES INC.D.O.T. APPROVAL # 161.93  Signature  DA RO12
					23-5ANOG 77.1 Hr Fustall New Attenuation & Repair power
	-				Fustall New Attenuation & Repair power
	-				PhALU 8.52165
	55MBL F040063			55Med F040063	
	-				
					Markin Strawk pop 1999797
		Drained aircraft	on completed sumps. Clear	ned gascolato	necked cables, control rods, pulleys, lites, brakes, tires, battery. ELT (Due Dec 07).  The checked wing, gear & tail bolts. C/W MSB-40-044 muffler brace. I certify that this redance with a 100 hr inspection & was determined to be in an airworthy condition.
	-				
	-				
	-				
		1			CARRIED FORWARD

## ENGINE SERVICE AND

BROUGHT FORWARD  C C ENGINE INSTALLEN NEW ON NA 40 -  Engine installation inspected I.A.W. Diamond Aircraft Industries In DA 40 W.I.S. Rev: F Form ME-01-A  Engine service with 8 qts. Of Philips 20W50 Type "M" engine oil.  Engine break-in I.A.W. Lycoming Service Instruction 1427B,  FLIGHT TEST COMPLETED	DATE	TIME RUN	OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR	COMPLETE					
Engine installation inspected LA.W. Diamond Aircraft Industries In DA 40 W.I.S. Rev: F Form ME-01-A  Engine service with 8 qts. of Philips 20W50 Type "M" engine oil.  Engine break-in LA.W. Lycoming Service Instruction 1427B, FLIGHT TEST COMPLETED  ARLINS AIRCRAFT SERVICE, INC.  ***SERVICE, INC. ***SERVICE AIRCRAFT** SERVICE, INC. ***SERVICE AIRCRAFT** SERVICE AIRCRAFT** 1 Inspection completed this date. Checked compression. Cleaned plays. Checked mag fining. Changed oil. & fifter. Pressure checked exhaust system. Removed right mag. Reserved controls. Wished & not negree 1 certify that this engine has been inspected in accordance with a 100 hr. inspection & with determined to be in an inventily control.  ARLINS AIRCRAFT SERVICE, INC.  ***SERVICE AIRCRAFT** SERVICE, INC. ***SERVICE AIRCRAFT** SERVICE, INC. ***SERVICE AIRCRAFT** SERVICE, INC. ***SERVICE AIRCRAFT** SERVICE, INC. ***SERVICE AIRCRAFT** SERVICE AIRCRAF	#135-5500 B:	IRS. MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REGULARD FOR						
DATE REGISTRATION ENGAGE STRIAL TACK TOTAL TIME encided was determined to be in an airworthy confiner.  ARLINS AIRCRAFT SERVICE, INC.  100 Maria Babeen impected in accordance with a 100 hr. inspection & was determined to be in an airworthy confiner.  ARLINS AIRCRAFT SERVICE AIR		<b></b>	G	6	ENGINE INSTALLED NEW ON DAY	10 5/10					
ARLINS AIRCRAFT  SERVICE, INC.  33 ARLINS AIRCRAFT  SERVICE INC.  33 PACE REGISTRATION FOODER SERIAL TACK TOTAL TIME  104 FEB 06 M571DS 10560-MIA L-32307-51A 99.5 Hr.  Inspection completed this date. Checked compression Cleane plugs. Checked mag timing. Changed oil & fifther, Pressure checked exhaust system. Checked registers for the conditions.  ARLINS AIRCRAFT  SERVICE, INC.  34 ARLINS AIRCRAFT  SERVICE, INC.  35 CARRIED FORWARD  ARLINS AIRCRAFT  SERVICE, INC.  36 CARRIED FORWARD  ARLINS AIRCRAFT  SERVICE, INC.  36 CARRIED FORWARD  ARLINS AIRCRAFT  SERVICE, INC.  37 CARRIED FORWARD  ARLINS AIRCRAFT  SERVICE, INC.  36 CARRIED FORWARD  CARRIED FORWARD  CARRIED FORWARD  CARRIED FORWARD					DA 40 W.I.S. Rev: F Form ME-01-A						
ARLINS AIRCRAFT SERVICE, INC.  MALLINS AIRCRAFT JOSEPH AIRCRAFT  Laspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil & filter. Pressure checked exhaust system. Removed right mag. Rest points. Reinstalled mag. Checked controls. Washed & ran engine. I certify that this engine has been inspected in accordance with a 100 lr. inspection & was determined to be in an attworthy condition.  ARLINS AIRCRAFT SERVICE, INC.  MALLINS AIRCRA					Engine break-in I.A.W. Lycoming Service Instruction 1427B,						
ARLINS AIRCRAFT SERVICE, INC.  30 ARLINS AIRCRAFT SERVICE, INC.  30 Final Explaining Final Code Air Vision Final Explaining F					FLIGHT TEST COMPLETED						
ARLINS AIRCRAFT SERVICE, INC.  30 ARLINS AIRCRAFT SERVICE, INC.  4 FEB 06 N571DS 10506-MIA L-32207-51A 99.5 Hz.  Inspection completed this date. Checked compension, Cleaned plugs. Checked controls. Washed & ran engine. I certain this engine has been inspected in accordance with a 100 hr. inspection & was determined to be in an airworthy condition.  ARLINS AIRCRAFT SERVICE, INC.  30 OULDING ROS BERGERS.  ARLINS AIRCRAFT SERVICE, INC.  30 OULDING ROS BERGERS.  31 ARLINS AIRCRAFT SERVICE, INC.  30 OULDING ROS BERGERS.  31 ARLINS AIRCRAFT SERVICE, INC.  31 OULDING ROS BERGERS.  32 OULDING ROS BERGERS.  32 OULDING ROS BERGERS.  33 OULDING ROS BERGERS.  34 ARLINS AIRCRAFT SERVICE, INC.  35 OULDING ROS BERGERS.  36 ARLINS AIRCRAFT SERVICE, INC.  36 OULDING ROS BERGERS.  37 OULDING ROS BERGERS.  38 ARLINS AIRCRAFT SERVICE, INC.  30 OULDING ROS BERGERS.  30 OULDING											
SERVICE, INC.  ***SOLUMNIFICAL BELONGE, UT (1997)**  **DATE** REGISTRATION**  **PRODUCTIONS**    Inspection completed this date. Checked compression. Cleaned plugs. Checked ang 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.    ARLUNS AIRCRAFT   SERVICE, INC.	T212005		3.	9	HOURS BRICHART FORWARD						
SERVICE, INC.  30 GALLATIN FIELD BELGRADE, MT (RGZH) PHONE 406-358-1351 FAX 400-358-7417  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.  CARRIED FORWARD  CARRIED FORWARD		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.									
Inspection completed this date. Checked compression, cleaned plugs. Checked mag timing. Changed oil & filter. Pressure checked exhaust system. Checked alternator & starter. C/W AD 2002-26-0\$. 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			Li		SERVICE, INC.						
filter. Pressure checked exhaust system. Checked alternator & starter. OW AD 2002-2009. 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					TRATION 122202 514 201 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 2002-26-0\$. Checked controls. Washed & ran engine. Has been inspected in accordance with a 100 hr inspection & was determined to be in an airworthy condition.									
TOTAL THIS PAGE					CARRIED FORWARD						
PREVIOUS SUMMARY											

SIGNATURE	LICENCE
TRACIOLEUS ANT LICAL MARCIE	+
ULD POLICE AND ADDRESS OF THE POLICE AND ADD	+
504-014-944 Just 25194	
- 57.5HL Welseldon A+1Bqsb1	+
Carlound Artifical House	
25194 + Lostilles new House	
27338 TA 1860	
Celled Change At P134261	
ARLINS AIRCRAFT	
SERVICE, INC.	+
36 GALLATIN FIELD BELGRADE MT (KEZH) PHONE 405-365-1351 FAX 406-385-7417	
REGISTRATION SERIAL # TAC & TOTAL TIME	
N571DS 40-571 201.8	
this date. Checked cables, control rods, pulleys, lites, brakes, tires, battery, ELT granted sumps. Cleaned gascolator. Checked wing, gear, & tail bolts. I certify that this	
aspected in accordance with a 100 hr inspection & was determined to be in an airworthy	
16	
- 31 A&P 1340061	
Ties ZiosTivities News Duckes	+
	+
- 189,0 RUMI PATT \$100-00-9 FREST	+
6638. + KEG Cije Her W Though	<del> </del>
Phicke ou #2 Cillander	
lelland don 24 1 Votocbs	
ARLIN'S AIRCRAFT	
SERVICE, INC. 26 GALLATIN FIELD BELOFADE INT (KEEN)	
PHONE: 406-388-1251 FAX. 405-388-7417	+
REGISTRATION SERIAL# TAC & TOTAL TIME	+
N571DS 40-571 303.4	+
Description of the Checked cables, control rods, pulleys, lites, brakes, tires, battery. ELT (Due Dec 07).	
hr inspection and was determined to be in an air worthy condition.	
- Late Haze	1

## MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS SNIRES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	
10.57/		
		r
		Q 42
ARLIN'S AIRCRAFT SERVICE, INC.  MEGALIATIN FIELD BELGRADE, MT (MDZN) PHONE 406-386-1331 FAX 406-386-1417		
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 airvoorhy condition.  Arlin C.Wass A&P 1340061		
ARLIN'S AIRCRAFT  SERVICE, INC.  36 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE 406-366-1351 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 inspection 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		

DATE		DAI		TIME	SINCE FG.	ENGINEERING RECORD
DATE		HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGH FORWAR						
				-	SERV	S AIRCRAFT VICE, INC.
					36 GALLATIN FIEL PHONE 405-385	LD BELGRADE MT (RBZN) 61351 FAX 406-366-7417
	DATE 22 AU		REGIST N57	RATION IDS		SERIAL # TAC & TOTAL TIME 40-571 399.3
	Drained		ned gascolat	or. Checked		control rods, lights, brakes, tires, battery and ELT (due Dec 07). and tail bolts. Replaced all brake blocks.
	DATE 22 AU		REGIST N571	RATION DS		SERIAL # TAC & TOTAL TIME 40-571 399.3
	airworth	that this airc ny condition . Wass IA 13	191	inspected in		with an annual inspection and was determined to be in an
15epto	<b>(</b>	1055				INSTA11610. KGJ4-1541 BATTERY
						Artio 10655 24101340061
STECTOR		411.6		-		
or racing	-	1 11.70				Jew #6638 + Trest HILLEUNGED.
						Pump sec # 5539 letland San
						Dec 8130-3Fazy A+P1340061
				4	SERV 36 GALLATIN FIEL	S AIRCRAFT VICE, INC.  LD BELGRADE MT (KBZN) 11351 FAX 408-388-7417
	DATI 13 NOV		REGIST N571	RATION DS		ERIAL # TAC & TOTAL TIME 0.571 499.3
	and EL blocks.	T (due Dec 0)	7). Drained this aircraft	sumps and cl	eaned gasco	rods, pulleys and cables. Checked lights, brakes, tires, battery, plator. Checked wing, gear and tail bolts. Replaced right brake cordance with a 100hr inspection and was determined to be in an
	1		7		Ι	
130000	6	499,	2	C CONTRACTOR	510	MSB-48-048-2 + AD JEB6-23-08
			32	NA	Per)	
						CARRIED FORWARD

# ENGINE SERVICE AND

			T		T T	
DATE	TIME	RUN		SINCE	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COM	PLETE
	HRS.	MIN.	HRS.	MIN.		
BROUGHT FORWARD		->				
111156					5.10 STALLEY BILL ALTERNATION	
TAC	481.	2			ALIE 8521 LS 501 AL COC2611.	
7.7.0					local Dan Hy 134001	
				T		
				A. A	RLIN'S AIRCRAFT	
				-23.	SERVICE, INC.	
				35 GA PHO	ALIATIN FIELD BELGRADE, MT (KBZN) NE: 406-388-1351 FAX 406-388-7417	
	DATE 13 NOV 06		EGISTRATION N571DS	ON	ENGINE SERIAL# TAC & TOTAL TIME 10360-M1A L32307-51A 499.3	
	Inspection c	ompleted thi	is date. Chec	eked compre	ssion and cleaned plugs. Checked mag timing. Changed oil and filter.	
					ctor lines to comply with AD 2002-26-01. Checked controls. Washed and pected in accordance with a 100 hour inspection and was determined to be	
	in an airwor	thyconditio	n.	nus ocen mo		· ·
	1621	ple	War.			
	Arlin C.Wa	ss A&P 134	0061			
			·		· ·	-
	-	l	-	-		
	_			dia.	A DIINE AIDCD AET	
	_			Epp. :	ARLIN'S AIRCRAFT SERVICE, INC.	
					R CALLATIN FIELD RELGRADE MT (KRZN)	
	_				PHONE 406-388-1351 FAX 406-388-7417	
	- DATE	DE	GISTRATIC	N.	ENGINE SERIAL TAC & TOTALTIME	
	05 MAR		N571DS		0-360-51A L-32307-51A 598.8	
	Inspection	n completed	this date. Cl	hecked comp	pression, cleaned plugs, checked mag timing,	
	- changed o	oil and filter Checked cor	Pressured cl	hecked by sy ed and ran er	stem. Checked alternator and starter. Cleaned fuel ngine. I certify that this engine has been inspected in	
	- accordance	ce with a 100	hour inspec	ction and was	s determined to be in an airworthy condition	
	- little	alo	flere		Management of the Control of the Con	
		Wass A&P	1340061			
	- CK	Fuela	In /ce	ForLin	ines ADJUET - 26-01	
71711		-	+	-		
121107	6411	1		-	THOSTALLEN WELLS STANTER PANTA	
					149-2415. Ellul Chan At 81348	761
	-	-	-	-		
	1	<del> </del>	<del>                                     </del>	1		
	/ /	7		/	<del> </del>	
		1	1	1	CARRIED FORWARD	
HIS PAGE					·	
LFROM	-				3 24	3.46
5 SUMMARY						
J475		1				
E UFG.		1				

## ENGINEERING RECORD

NSPECTION, REPAIRS & REPLACEMEN	DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
AS PER STC NO. SAORSYWI AF	MEND. Z	77	
P Diamend —			
that the Static Pressure system has been accordance with Standard 571,			
91:411			
W STANDARD AND			-
DATE INSPECTOR			
18 October, 2005			
<b>P</b> Diamond	<b>Diamend</b>		
ne ELT was tested and inspected in Accordance with Standard 571, Appendix G of the Airworthiness Manual and F.A.R. 91:207(d)	DIAMOND AIR D.O.T. APPROVED	CRAFT INDUSTRIES II MANUFACTURER #	NC. 161-93
ANNUAL INSPECTION DUE: OCTOBER 2006 BATTERY DUE: DECEMBER 2007	APPLICABLE COMPANY	INSPECTED FOR CONFO RELEASED DOCUMENTS ICESSIONS) AND IS SER'	(DRAWINGS,
DATE	DATE	INSPEC	
18 October, 2005	18 October, 2005		
	10 October, 2000		
	3		CA 39639
			CM3967
		-	-
			cm3863
			;
			1
Diamond			
U.S. Standard Airworthiness Cer	rtificate, issued:		-
(Date) OCT 2 4 2005 ,has aircraft on behalf of NE-MIDO-46	s been installed in the 5 on:		
(Date) OCT 2 4 2005	IO COURT A	Nic	-
(Print) R SALTON (Signat		dä 🔯	
	O363	12	
	Gran Delegal		

ENTRIE	SERVICE, INC.  M GALLATON FIELD BELGGADE, MT (REZM)	SIGNATURE	LICENCE
	PHONE 406-288-1351 FAX 416-388-7417		
		min a	
	DATE LEGISTRATION ENGINE SERIAL TAC & TOTAL TIME		
	07 MAY 07 NS71 JS 10360-MIA L32307-51A 698.6		
	Inspection completed this date. Checked compression. Installed new plags. Pressure checked exhaust system. Checked all emistor and starter. Changed of and filter. Replaced alternator bracket. Installed points and condenser in both mags. Timed mags to engine. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 nour inspection and was determined to be in an		
	Arth C Wass A&F 13-0061		<u> </u>
	AUTH C WISS ARE 13: 0001		
	ARIN'S AIDCRAFT		
	ARLIN'S AIRCRAFT SERVICE, INC.		
	36 GALLATIN RELD BELGRADE MT (KDZN) PHONE: 406-388-1351 FAX: 408-388-7417		
	DATE REGISTRATION ENGINE SERIAL# TAC & TOTAL TIME		
	05 JULY 07 N571DS 1O360-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		
i	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 A&P 1340061		
	ARLIN'S AIRCRAFT		
	SERVICE, INC.		
	31 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE: 408-388-1351 FAX: 408-388-7417		
	DATE REGISTRATION ENGINE SERIAL# TAC & TOTAL TIME SEPT 07 N571DS 19369 MTA		
100000000000000000000000000000000000000	10300-MIA L-32307-51A 898.7		
eng	pection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and ger. Checked alternator and starter. Pressure checked exhaust system. Checked controls. Washed and ran ger many for hearing an air works on the controls of the control of the contro		
det	remined to be in an air worthy condition.		
Ar	lin C. Wass A&P 1340061		
1			

	DAILY		TOTAL AIR TIME SINCE		ENGINEERING RECORD			
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET			
BROUGHT								
		A. A	RLIN'S		FT			
		34.0	SERVIO	CE, INC.				
		PHO	INE. 406-388-1551	FAX 405-388-74				
	DATE 05 JULY 07		ISTRATION 57IDS	SER1 40-5	AL# TAC & TOTAL TIME 71 799.3			
	Inspection co	mpleted this	date. Checke	ed cables, pu	levs control rads brakes tires battery ELT (Due Dec 07)			
	Drained sump blocks. Repla	is and cleane	d gascolator.	Checked wi	ng, gear, and tail bolts. Replaced right and left brake			
	CES	ss A&P 1340	CAL	Ca-				
	_DATE		STRATION	SERL	AL# TAC & TOTAL TIME			
	05 JULY 07	N.	571DS	40-5	71 799.3			
1 b	certify that this e in an airworth	aircraft has it condition.	been inspecte	ed in accorda	nce with an annual inspection and was determined to			
	leek	uld	De -					
	Armi C. W	ass IA 1340	001					
			/	()	attion Have			
			/	THE ST	DIRONICS/			
					C.R.S. NH2R031L			
				1651 Av	iation Place Billings, MT 59105 (406) 259-5006			
		9 /02 /07	N571DS Di	amond Airc	raft DA-40 S/N 40.571 835.7 hrs Tach 1034.1 hrs Hobbs			
	Contagned th				0 Series MFD: Removed Garmin model GDU-1040 P/N 011-00972-00			
	S/N 865030	75. (Range	control inte	ermittently i	inop). Installed a warranty overhauled exchange unit: Installed same irmin International FAA Form 8130-3 dated 6/5/2007.			
	Following in	nstallation,	the custome	er supplied A	Airframe Certification files dated October 2006 were uploaded and			
	verified. Fi	nal function	ial ramp tes	t passea.				
				L	1			
					_			
	Gordon De	wey 23695	26					
	10 10							
9 Aceg 67	851.9				INSTABLES GIREWIT BOAND KIT			
					Prit 4-2486-44-00 000 THE ALTO			
					Celtal Dan AFP1340001			
			-					
		1			CARRIED FORWARD			

DATE		TAL	TIME	SINCE FG.	ENGINEERING RECORD
22	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
BROUGHT	4	SE	N'S AIR ERVICE, FIELD BELGRADE 5388-1351 FAX 4	INC.	
2	30 Inst	NOV 07	REGISTRA N571DS	S/I	NAU-# TAC NAU-571 988.7 n, c/ w Garmin 1000 SB0738, replaced alter. transient
	Voi	tage sensor and tage of the control	Wari		
				1	
- <del>*</del> - ! -		4	35 GALLATIN PHONE 40	ERVICE,	E MT (KBZN)
	One ti lights, Repla- hours	AN 08 housand hour brakes, tires ced right brak	, battery, emeke blocks. Co	ompleted this	RIAL # TAC & TOTAL TIME 0-571 995.9 s date per Diamond maintenance manual check list. Checked ery, ELT (Due JULY 08). Drained sumps. Cleaned gascolator. AD 2007-17-06 nose leg radius inspection. Next due at 1195.9
	I certifi	AN 08	dition.	40 en inspected i	RIAL # TAC & TOTAL TIME571 995.9  In accordance with an annual inspection and was determined to be
	91.411 hav Appendix I automatic p to 5.	at the altimeter rstem and the re been perfo E of Part 43 c ressure report	static of tem ormed and fo of this chapte into system ha et. DAT  N  A/C TIM	test required bund to comper. The altime are been tested E: 3//2/	to: 18 000 feet DATE: 3/12/08  N. 57/05  SIGNED: AUCTIME: 1279'3 LI
			Unit:	6TX-3 3/12/0	28 NE 571DS
				i	CARRIED FORWARD

#### ENGINEERING RECORD

ENTRIE	ARLIN'S AIRCRAFT  SERVICE, INC.  30 GALLATIN FIELD BELGRADE MT (ROZN) PHONE 400-308-1331 FAX 400-308-7417  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	SIGNATURE	LICENCE
	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: MANU MANU MINR449G		
	ARLIN'S AIRCRAFT  SERVICE, INC.  SEGULATIVITIER DELIGRADE MY (KDZYO) PHONE: 408-388-1361 FAX, 408-388-7417  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,
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGHT FORWARD -		_			
			Inspect filter. C engine	AN 08 tion complete Checked alter	ARLIN'S AIRCRAFT  SERVICE, INC.  ***SGALLATIN FELD BELGRADE, MT (KBZN) PHONE. 408-388-1351 FAX 408-388-7417  ***GISTRATION ENGINE (L.) SERIAL# TAC & TOTAL TIME N571DS 10360-MIA L32307-5IA 995.9  ***Id this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and nator and starter. Pressure checked exhaust system. Checked controls. Washed and ran at this engine has been inspected in accordance with a 100 hr inspection and was determined by condition.
		-	Arlin C	C. Wass A&P	1340061
THAL 08			0/10.	Fred	Feels Plug ANJOST-06-51
			TAC	VIA	1025.3 Ruckory Fold Well- Dase
					AN BIECO
			-		
			ENGIN	IE LOG	ENTRY N571DS
Com Cyli repla	aced filt	a 100H mpress ter P/N	CH481	78/80 #2	ch reads: 1095.0 SMOH: 1095.0  mis date in accordance with FAR part 43 app. D. 2-78/80 #3-78/80 #4-78/80. Drained oil and erviced engine with 8qts Phillips XC 20w-50.  ak check satisfactory.
I cer	tify that	t this E	NGINE	has bee	en inspected in accordance with a 100HR inspection WORTHY condition.
		1	1	<del>///</del>	
			Kevin C AP325		for Solo Aviation
		9000			
	-17			-	CARRIED FORWARD
TAL THIS PAGE					
TOTAL FROM					
TOTAL	-	-			

		, i d		LICENCE
ENTRIES. D	66581-H	(	HGNATURE	NUMBER
	20751-H			
e service		<u>&amp; TOTAL TIME</u> 034.9		
a	and flight manual supplement per 5/15.	d elevator and installed placard		
	William C. Wass A&P 1340061		-	
				+
				+
	AIRFRAME LOG ENTRY	N571DS		
Date: 10-24-0	Tach reads: 1095 100HR inspection this date in accor		F: 1095.0	
Complied wit	th FAR 91.207d ELT inspection. Ba	attery due 5-09. Replace	ed instrument —	
and checking	IB3-5-1. Complied with AD 2008-0 tightness of plug. Next due 1145.0.			
2008-20.				
	this AIRCRAFT has been inspected d was determined to be in AIRWOF		00HR —	
	11			1
	Kevin Gaschler for Solo Av	viation		
	AP3257112	idioii		
	AIRFRAME LOG ENTRY N	N517DS		
Date: 10-24-08	Tach reads: 1095.	0 TTAF:	1095.0	
	is AIRCRAFT has been inspected in nined to be in AIRWORTHY condit		NNUAL inspection	
	Shall	,		
<del></del>	John Solo for Solo Aviati AP385647801IA	ion		
				1

DATE		AILY	ITIME	AL AIR SINCE FG.	ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR CO
BROUGHT					
	-	2 - 1	11:21		V Comment
2-18-09 Be	The second second	CH-	115/4	N	0375-1407.1
	noul		NIS &	1210	ACED FILLT SIDE LUDDER
	DAL		25,77	PENI	1. 20 2700 6700.
OP	ERMI	YON	CHEC	KN	CRIMAL. END
	dee	2726- 9		enel	
		For	500	O AL	MATION, INC
				-	
					*
				_	
			-	-	
			-	-	
			-		
		-+		-	
			1	1	

# MAINTENANCE RECORD

104		ENGINE LOG ENTRY N571DS		
	22 28 x = 1	D / 11 10 00	GNATURE	LICENCE
		Installed Tanis engine preheater system P/N TAS100-01 with		+
		Installed Tanis engine preheater system P/N TAS100-01 with optional TAS104 elements.		
				<del> </del>
		Kevin Gaschler for Solo Aviation		
		AP3257112	-	
- 1				
- 1	H.M.L.			
- 2				
<u>8</u>				
10.				
- 1	- N=10			
- 6	The state of the s			-
100				
	312			
-				
<u>-  </u>				

MAXIMUM HOURS BETWEEN OVERHAULS\_\_\_\_\_\_HOURS.