AIRCRAFT

I.	Nationality and Registration	N445DS
2.	Manufacturer's Designation	<u>DA40</u>
3.	Manufacturer's Serial Number	40045
4.	Type Approval or Specification Number	AY7CE
5.	Date of Manufacture	June 2001
6.	Aircraft Inspection Cycle	

DATE		ILY FAL	TIME	L AIR SINCE FG.	ENGINEERING RECORD		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED	
	7970	MIN.	HRS.	MIN.	NOTE: USE BO	TH PAGES AND AS	MANY LINES AS REG	GIRED FOR COMPET.
BROUGHT Forward	11	· 2	11.	2.	Times	BROWERT	FORW ARD	
			<u> </u>	+	111763	and the same	7022735	
	1		***	Diame	end			
	 		1 *			40045 Reg: N445DS	WO#: RO-01-101	
			†		TA	CH: 11.2		
-			Manua	al after ship:	ment from Austria. Airc	and MLG reassembled raft De-preservation cal	l per Maintenance rried out per de-	<u> </u>
			Brake	lines hooke	k sheet VA-P-09-05. ed up and brake bleedir	ng carried out.		
	 		T		engine performed. For			
	 	<u> </u>	T DAIS	140-002 / L	and S/I have been car ycoming Mandatory S	rried out as applicable: /B 548 – Engine Driven	Fuel Pump	
_	 	<u> </u>	replac	ement – N/. I 40-003 – V	A by S/N. vision Microsystem VM	11000. Capacitor check	- N/A by S/N of DPU.	
			Bi-we	ekly AWD c	theck carried out to cur	rent revision 2001-1	5 · A ·	
		ļ <u>.</u>	<u> </u>	he maintena	ance described above t applicable stand	nas been perform ed in a dards of airworthiness.	accordance with the	
			ļ +	DIAMO	ND AIRCRAFT INDUS	STRIES D.O.T. APPRO	VAL #161-93	
							DA	
			Signa	iture	leel Alma	Lic or Stamp	RO6	
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			Τ ,,	HAVE CAR	RIED OUT AN INDEPE	ENDENT CHECK OF T	HE FLIGHT CONTROLS	
	1		Τ "	1	AFFECTED BY T	HE WORK ACCOMPLI	SHED.	-
			<u> </u>	1)	1000		$\binom{DA}{2}$	
	1		Sig	nature	***	Lic or Starr	IP RU	····
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	-	<u> </u>		<u> </u>		 	,.	
	 		Se	ptember	12, 2001			
 .			I f	find that t	this aircraft meets	the requirements	for the certificate	
	1					rd Airworthiness	Certificate dated	
				ptember	12, 2001.			·
· · · · · · · · · · · · · · · · · · ·			T1	ne next a	nnual inspection i	is due September 2	2002.	
					ult FAA/DAR			
			1	ART333				·
			R	ochester	N.Y			
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	1		11	.2.	CARRIED F	ORWARD		
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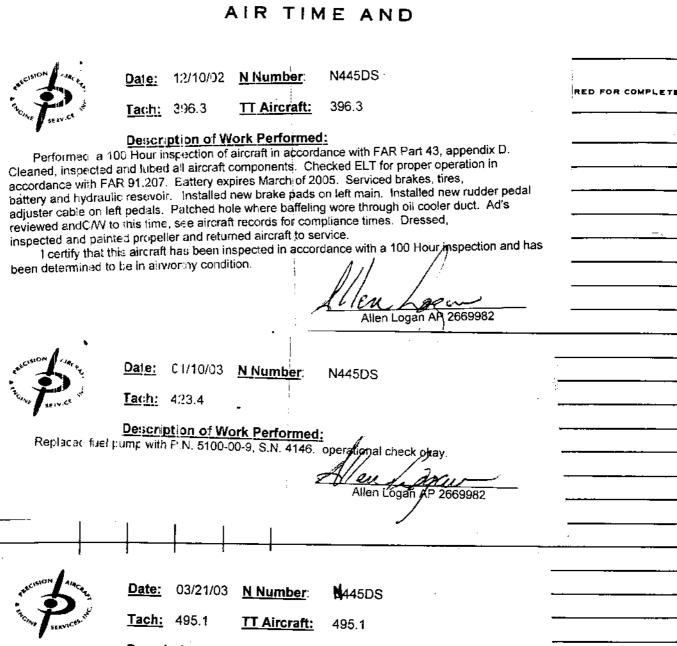
	INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE
September 1	A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		NUMBER
PROM A	USTRIAN LOGS.		
	— Siamend		
	I certify that the ATC Transponder & Altitude Reporting System(s) have been tested in Accordance with Chapter 571, Appendix F.F.A.R. 91:217: & F.A.R. 91:413.		
	— DATE INSPECTOR		
	- Speed Almoral DA ROS		
	June 26, 2001(Complied with in Austria)		
	Diamond The side of the Coation Decourse system has been inspected and	<u> </u>	
	I certify that the Static Pressure system has been inspected and tested in accordance with Chapter 571, Appendix B of the Airworthiness Manual, and F.A.R. 91:411		
	DATE INSPECTOR DA BO6		
	September 12, 2001	<u></u>	
	The ELT was tested and inspected in Accordance with Chapter 571, Appendix G of the Airworthiness Manual and F.A.R. 91:207(d)	<u> </u>	
·	ANNUAL INSPECTION DUE: MARCH 2002		-
- · · · · ·	BATTERY DUE: MARCH 2005		
	September 12, 2001		
		<u> </u>	
·			
			ĺ

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 COMPLETS
BROUGHT FORWARD	TACH	•	11	·2	P Diamond
DE 14/2001	12	. 4	12	.4.	Date: 14 Sept, 2001 S/N: 40045 Reg. #: N4450S WO# RO-01-101 TTSN: 12.4 TACH: 12.4
	ļ				Following additional work carried out:
					New Improved designed Control Stick Grips supplied by Diamond Aircraft Industries Austria Installed. Transponder S/N: 7039 Removed due to defective VFR Button. Serviceable Transponder S/N 12787 TSN: 8.7 HRS off A/C S/N: 40048 Installed. Transponder checked for operation found to be satisfactory.
			 		The maintenance described above has been performed in accordance with the applicable standards of airworthiness.
					DIAMOND AIRCRAFT INDUSTRIES D.O.T. APPROVAL # 161-93
<u> </u>					Signature School Lic, Or Stamp ROB
			 		<u> </u>
	<u> </u>				<u></u>
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		: 			<u>. </u>
	ļ. <u></u>			Tr	ansponder tests required by FAR
				J 27	·· ⁴¹³ Were performed this data and
·	1			1 10	JUNE CO COMPLY with PAD 42 and then
 .	1 1		 	— 14G	
				110	INC D''ID MODOL PTTIE ON JUSAA
				l De	COLLO UN FILEDNINGOR TOLL "ANDON
		·		De	gn Date 10-7-01 nver Avionics FAA CRS PESPITEN
	+		 		nver Avionics FAA CRS PESP116N
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al	1.				
	TARCE.	<u>Da</u>	<u>te:</u> 12/	19/01	N Number: N445DS
— ;, ·		Ta	ch: 99.	2	TT Aircraft: 99.3
— <i>™/</i>	SERVICES.	10	<u> </u>	3	TI All Clair.
<u>.</u>	•	De	scriptio	n of Wo	ork Performed:
Pe	rformed a	a 100 Ho	our inspec	tion of a	ircraft in accordance with FAR Part 43, appendix D.
					omponents. Checked ELT for proper operation in research of 2005. Serviced brakes, tires,
battery	and hydra	aulic res	evoir	AD's revi	lewed and C/W up to this date ,see aircraft records for
complia	ance times	s. Dres	sed, insp	ected an	nd painted propeller and returned aircraft to service.
					pected in accordance with a 100 Hour inspection and has
been a	etermined	in an iu	anworth	CONDITIO	л.
					N B M
	·				Index A Product AD 2720 AFFO
		a	l	l	Jason A. Bradley AP 273804559
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10 10 200	2 - TACH 1268 - C/W	SERVICE BULLETIN		
	05840-05 - INSTALLE	ED CARION ! DOOR LOCK)		
	1/4/w WI-DAM-40-C			
	-REPAIRED FLOOD LIGH	T WISE.	(Landanken	552903880V
		·····	Dramons Aures	219 PT.
JANION AND CO.	<u>Date:</u> 03/28 ₹02 <u>N Numb</u>	<u>er</u> : N445DS		
The same	Tach: 198.9 TT Aircr	r <mark>aft:</mark> 198.9		
	Description of Work Perfo	<u>7med:</u>		
	a 100 Hour inspection of aircraft in acted and lubed all aircraft components		endix D. ——-	
be ltery and hyd	raulic resevoir Replaced Rt. brake ii	of 2005. Serviced brakes, tires,		
			paired glare liance times.	
I certify that	at this aircraft has been inspected in a			<u> </u>
been determine	d to be in airworthy condition.	and the real maps		-
		Nous Ro		
		Ason A. Bradley AP 273	3904559	
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Ancar.	<u>Date:</u> 06/11/02 <u>N Number</u>	<u>er</u> : N445DS		
acon Tourier	<u>Tach:</u> 259.5			
	Description of Work Bord-	d.	.	<u> </u>
Removed : A-1510-0866. O	Description of Work Perfor and replaced Exhaust system P/N DA ps. check good. Aircraft returned to s	40 1100	ntrol cable P/N	
-		Jama R.	<i>0</i> - —	-
- .		Jason A. Bradley AP 273	904559 ———	<u> </u>
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- Tome SERVICE	·]	<u>ach:</u> 2	97.9	TT Ai	rcraft: 29°	7.9			_			
servic-		<u> </u>			i							
	Ţ	<u> Descript</u>	ion of V	Vork Pe	rformed:				-			#
Performa	c a 100	Hour insp	ection of	aircraft i	in accordance	with FAR	Part 43, app	endix D.	_			
Cleaned, inso	ected an	d lubed a	il aircraft	compon	ents, Checked	i ELI for i	proper opera	ition in			₹	
accordance w	Th FAK ()1.207. E	sattery ex	pires ivia	irch of 2005. I	serviceu i d now hat	nakes, liles, ten, vent ho	and band on Afric	ту.			對
Installed new	CAM up t	ure. msia o this dat	ta ess si	receft rec	ords for comp	lince time	tery vent no. s. Dressed	30.7103	_			
inspected and	i nainted	propeller	and retu	med airc	raft to service.	iii oo tii ii o	o,					1
- I certify	that this a	aircraft ha	is been ir	rspected	in accordance	with an A	Annual inspe	ction and	has -			4
been determi	ned to be	in airwor	thy cond	tion.					_			
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	INSPECTION, REPAIRS & REPLACEMENT		LICENCE
DOAW A D	AGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	NUMBER
DHAN A			
The state of the s			
	The <u>encoder</u> has been replaced:		
	OFF PN D120-P2-T SN 74964 5		
	ON PN D120-P2-T SN 78005 0		-
	The encoder has been function \$		
(C) (C)	tested in accordance with mfg specs. >		•
	Detail for file under JO# 3200/		
	tested in accordance with mfg specs. > Details on file under JO# 3200/ Sign Date 10-7-02.		
4 1 2 2 2 2 2 2 2 2 2 2	Denver Avionics FAA CRS PE5R116N		<u> </u>
	147		
1000 C	PN <u>D170-P2-T</u> SN 78005		ĺ
	This encoder has been tested and Q	.	
Marie L	certified to 20,000 ft per FAR 91.411 \$]
	in accorance with FAR 43 appendix "E"]
<u> </u>	Vext certification due: October 2004. 2		
**************************************	Details/ file under JO# 3200/		
#Eha	sign Dotte dide! 00# <u>\$2007</u> .		
2000 8000 	Denver Avionics FAA CRS PE5R116N		
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Section	Static system tests and inspections		-
	required by 91 411 reasons 50		
	required by 91.411 were performed and	•	
	found to comply with FAR 43 apdx "E" 6	•	
	The system was tested to 20,000 FT.		
	Next cert due October 2004		
	Details for five under Jo# 3200/ Sign Date 10-7-02		
	SignDateDate		
	Denver Avionics FAA CRS PE5R116N		
	The COS has been made and		
	The GPS has been replaced;		
	OFF PN KLN9Y-0101 SN 3094 S		
	— — — — — — — — — — — — — — — — — — —		
_	The GPS has been function \$		
 .	tested in accordance with mfg specs. >		
	Detaile on file under JO# 32030 .		ł
	Sign Date		
	Denver Avionics FAA CRS PE5R116N		
	783		
	The audio panel has been replaced:		
	OFF PN_ KMAZK-UIUI SN AOIIAG 3	<u></u>	
	UN PNKMAZR-0/0/SN XA0/936		İ
·	The <u>quality</u> panel has been function by		
<u></u>	Lested in accordance with mew answer 7		1
<u> </u>	Detail on file under JO# 32030 . Sign Date 10-7-02 . Denvey Avionics FAA CRS PE5R116N		· [
	Sign Date (27 07)		
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Description of Work Performed:

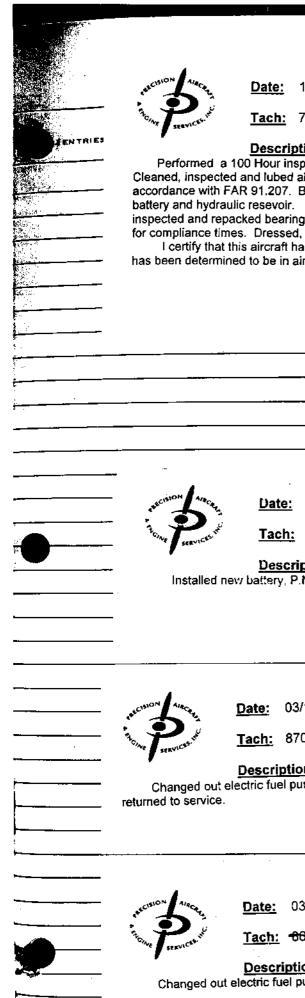
Performed a 100 Hour inspection of aircraft in accordance with FAR Part 43, appendix D. Cleaned, inspected and lubed all aircraft components. Checked ELT for proper operation in accordance with FAR 91.207. Battery expires March of 2005. Serviced brakes, tires, battery and hydraulic resevoir. Installed new right brake linnings. AD's reviewed and C/W up to this date, see aircraft records for compliance times. Dressed, inspected and painted propeller and returned aircraft to service.

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

Jay C. Narpel AP 007055663

WENTRIES, DRAW A		, REPAIRS & REPL ROUGH ANY UNUSED	ACEMENT	E COLUMNS.	TURE	LICENCE
Z 2 1	<u>. </u>	" . " . " . " . " . " . " . " . " . " .				
		· ."			:	
AIRCRY AIRCRY	Date: 06/	12/03 N Numbe	r; N445DS			
		5.9 TT Aircra	ft: 595.9			
Tom. Total	<u>Tach:</u> 595	5.9 II Alitera	<u>it.</u> 550.5		·	
A servi	Descriptio	n of Work Perfor	med:	40 andix D	·	
D-fome	100 Hour inspe	ction of aircraft in ac	med: cordance with FAR Part Checked ELT for prop	er operation in		
1 :	amad and kilden ak	Cilciant com-	and broke	se tires		
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propeller and	returned aircraft to	service.	accordance with a 100 H	lour inspection and		
	that this aircraπ nas ermined to be in air			:		
has been dete	TUNIO TO DE IT AIL			•		- \ .
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	LOGBOOK		07/	²³ /03 <u> </u>		
<u> </u>	A/C N#4	45DS				
			well Service			
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, yer 🚣	Date:	08/29/03 <u>N Nu</u>	<u>mber</u> : 445DS			
	Tach:	693.1 TT Ai	rcraft: 693.1			
— · · / sex	·· ——•					-
	<u>Descri</u>	ption of Work Pe	rformed:			
Perto Cleaned i	rmed a 100 Hour in Inspected and Juber	spection of aircraft i	n accordance with FAR ents. Checked ELT for	Part 43, appendix D.		
accordant	~C WILLI FAN 31,207.	- Dattery expires Ma	ICD Of 2005 - Serviced 6	rakaa sissa amake me		
. Hydritori	ca braitel stile Doll	. Kepalleo ita kri	FIIAI ("an ("cound Wiles	D4 8 4 8 1		
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	and complied with a	D to this date, refer t	O IDA Maintananca Jose	for committee and determine		_
D103364, 1	rispected and pairiti	to probeller and reti	IFDed Sircraft to comica.			
— i cen	ity that this aircraft	has been inspected airworthy condition.	in accordance with an A	Annual inspection and		
	7	an word by Continuon.				
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DA.	Arace _{ry}	Date: 09/19/03	Number: N	145DS		FOR COMPLET
ROI RON	FRIVICES IN	Tach: 728.2	-			
_ /		Description of W	ork Performed:			
Re	moved old ind	luction air filter. Inst	alled new induction a	ir filter. (P/N: FR-085	04)	
			(A		Toy of	
				Christopher Gregg A	77732946	:
						<u> </u>
_ `		'Lime Air	13252 Control Tower Ro	ed, Englewood, Colorado 80112	(303) 768-9626	
N Nun					 .	
<u>Descn</u>	ption of Work I	Performed:			 .	
Rer	moved and re-in	stalled 2 aitimeters and	d encoder, after the	here certified by Centeni		· ·
omply	per WO# 3454, 3 with FAR 91.41	3456 (see attached 81 1.	30-3 forms) Tested stat	here certified by Centend ic system IAW FAR 43 A	nial instrument App. 'e' to -	
l Ce	rtify only the ab-	ovo deservi				
manufad	cturers specifica	itions and current Fede	nance was accomplishe eral Aviation Administra	ed and inspected, in accition Regulations, is airw	ordance with	
approve	u for return to se	ervice,		TREGUlations, is airw	orthy and is	
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_				Vived &	-	
		1	· ·	Robert Hann A5247	49906	
	١	1 1		4.0	October 8, 2	2003
DUNCAN	N445DS	S A :	Diamond D- 40.045	4 0	October 0, 2	
AVIATIO1	N. Precisio	on Aircraft	••••			
ertify the transpor	ider system IAV	W FAR 91.413.	ludina Data Correspons	lence in accordance with	n 14 CFR part 91.413	, part
sted and inspected	the aircraft's Tr	ansponder system, inc	luding Data Correspond	ichee in meet-		
, appendix F.	PN· û	66-01156-0101	MN: KT-76C	SN: 12787		
ansponder					ance with manufact	nrer's
certify that only	the above des	scribed maintenance	was accomplished and regulations, is airwort	d inspected, in accord hy and is approved for a MAPGA.	return to service. Per	tinent
ecifications and cu tails of the work p	irrent rederai A erformed are on	file at this Repair Stat	ion under Work Order I	MAPGA.		=
	R	4	f	or Duncan Avionics; l	Englewood, CO 80	112
nspected by: RS # JG7D076J			Total Time: 72	12.9 T	otal Landings:	
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	PRICISION AVACAGE	Date:	12/30/03	N Numl-∋r:	N445DS			
	Tome Services the	Tach:	792.9	TT Aircraft:	792.9			CENCE
TENTRIES	2 SEGALD			_				MBER
	B	<u>Descri</u>	ption of W	<u>ork</u> P <u>erformed</u>	<u>l:</u>		\rightarrow	
₩	Performed a Cleaned inspecte	100 Hour in diand lubed	ispection of fall aircraft (aircrait in accord	ance with FAR Part 43 ecked ELT for proper of	, appendix D.		
<u> </u>	accordance with F	AR 91.207.	. Battery exp	pires August of 2	005. Serviced brakes	fires	_	
1 <u> </u>	battery and hydrau	ılic resevoir	'. Installed i	າew tim ⊾nd brak	e pads on left main: cl	eaned		
9 	for compliance tim	acked bear es. Dresse	ings. All AD ed. inspected	's reviewed and (Land painted pro	C/W to this time, see a peller and returned air	sircraft records		
8	certify that t	this aircraft	has been in:	spected in accord	dance with a 100 Hour	inspection and		
	has been determin	ned to be in	airworthy co	ndition.	1 1	•		
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					Allen Logan AP.	2669982		
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	SECISION AVECA	Date:	01/07/04	N Number:	N445DS		+	
					11.1050			
	10, NE SERVICES, IT	<u>Tach</u>	<u>:</u> 799.3	-			1	
	•	Nesc	zintion of l	Nork Performe	ad· .	1		
	Installed ne	ew battery,	P.N. G-241	S.N. G02111396	.u. o. // /	/		
					1///	920. s	1	
					Allen Logan A	P 2669982	-	
					7 mon 25gan 7	2000002	-	
							·	
	ON 1.		0/40/04	I Norman I	N445DS			
•	PECISION AMCCON	Date: 0	3/10/04 <u>1</u>	<u> Number:</u>	444000			
		Tach: 8	370.5					
	SERVICES. IL						\longrightarrow	
		Descript	ion of Wo	k Performed:	4157. Operational che	eck okav.		
	Changed out e returned to service.	lectric fuel i	pump, P.N. :	3100-00-8, 3.14.	1			
 ·	letuited to service.			A	Hon / se	3a_/		
<u> </u>				<i>7</i> _5	Allen Logan AP 2	669982	- -	·····
	· · · · · · · · · · · · · · · · · · ·							
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	4							
	RECISION AIRCRE	Date:	03/15/04	N Number:	N445DS			
		Tach: 4	867. 7 & 7!	D. 60				
	TO THE SERVICES IN							.
,	-	Descrip	tion of Wo	rk orformed:	400k Operational of	eck okav	\longrightarrow	
<u> </u>	Changed out	electric fuel	l pump; P.N.	6100-00-9, S.N.	4995., Operational ch	our oray,		<u> </u>
				· 7	\$ 11em 1-090	2000002		
					Allen Logan AP	2009902		

_		Carcis	ION AIRCA	ر إ	Date:	03/31/04	N Number:	N445DS	4
_	D.	* SACIANE	Polices	, .	<mark>Րach։</mark>	892.9	TT Aircraft:	892.9	FOR COMPLETE
-	BRC	Clea acco batte pads Dres	ned, insp rdance wery and hy is, right ma ised, and I certify	ed a 100 pected ar with FAR ydraulic in ain. AD's inspected that this	Hour ins and lubed a 91.207. The sevoir. It is reviewed propel aircraft h	pection of all aircraft Battery ex Repaired d and C/V	components. Chapires August of 2 wiring to flood like V to this time, see turned aircraft to suspected in accordance.	lance with FAR Part 43, appendix D. necked ELT for proper operation in 1005. Sengiced brakes, tires, ght and compass light. Replaced brak e aircraft records for compliance times.	
-	, , _						0 4		
1/2	28/04		T.T.	926,	/			replaced stall warning	 ·
7.								sheet or maround	73
							Struce 2. 17	if ROP574798743IA	
-							0 3	2 1 1 1 1	
	5/14/	04	T.T.	936	9	/		replaced left wing to	žφ·
	·					ļļ	Stant. Pr	to A+P524748243 IA	·
				- //		<u> </u>	1 1	- 1	
	5/18/0	54	T.T.	944.	0		Complete	& 50 M insp. a	o per_
							Diamono	l Chiklist	
					ļ	L	Sture 12	uf A+1524748243	TH
						ļ			
	6/3/0	4	J.T.	970,	0		Removed +	replaced nose to	re +
							tulu- C	deared + reparked	wheel
						<u> </u>	legrings	· A ·	
							Stine E.	Tet At 53474824	3-ZA
	:		_			}	· - ····		·
	•		DATE	: 6/18	8/2004 N	NUMBE	R: N445DS	S/N: 40045	
			TACH	: 991.	5 H	OBBS:		TT: 991.5	·
	joir three hr. ins	nts. Che u 04-14. services	ck ok. C C/W AE at this to accorda	Checked D 2002-2 ime as p	ELT as 26-01 by er Diam	per FAR insp. of f ond chec hr./Annua	91.207 (d). Rejuel nozzle lines klist and FAR 4 al inspection and	th MSB 40-030/1 insp. of fuel select place battery 8/05. Checked for ne and clamps. Complied with all others app. D. I certify this aircraft has added to be in airworthy constructed by AP 524748243 IA	w AD'ser 100
							CARRIED F	ORWARD	

	INSPECTION, REPAIRS & REPLACEMENT HES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	7/23/04 TACH + TOTAL 1039.1]
	Complish with Diamond M&B 40-030/	<i>y</i>	
	wel selector "" joint insp. Checked		
14	1K. Stun & Put A+ P534748243 IA.	-	
	DATE: 8/26/2004 N NUMBER: 445DS S/A	l: 40-045	
		40-045	
	TACH: 1090.00 HOBBS: T1	T: 1090.00	
	Completed 100 hr inspection this date. Checked for AD's thru 2004-17. Check FAR 91.207(d). Replace battery 8/05. Flipped tires on main wheels and repact Replaced brake linings. C/W AD 2002-26-01 fuel nozzle line insp. and clamp Serviced and charged battery. Complied with DAI MSB 40-030/1 inspection of fuel selector "U" joint pins. Checked ok. Due every 50 hr intervals. Due aga Complied with inspection and 100 hr services as per Diamond Aircraft checklist 05-10, and FAR 43 appendix D. I certify this aircraft has been inspected in account of the inspection and determined to be in airworthy condition at this time. Steve E Piety A&P 5247482/3 IA	red wheel bearings. insp. in at tach time 1140.0 in chanter 5 section	
			<u> </u>
9/=	1/04 Tach + Total 1140,8 Removed + replaced	>	1
m	ain teres + tules Packed wheel beginner		
Co	molech with M+B 40-030/1 Auch relector		/
~U	joint inso Stew E. Pret ASP524242437A		
		_	
	DATE: 11/02/04 N NUMBER: 445DS TI	: 1189.7	
	TACH TIME: 1189.7 HOBBS: 1525.4		
2	Completed 100 hr inspection this date. Checked for new AD's thr with DAI MSB 40-030/l fuel selector "U" joint insp. Checked of ELT battery was checked as per FAR 91.207 (d). Replace battery fluid. Cleaned fuel screen. Serviced tires and battery. Complied services as per maint. manual checklist and FAR 43 app. D. I certibeen inspected in accordance with a 100 hr/Annual inspection and airworthy condition at this time. Steve E Piety AP5247482431A	k. Due again 1239.7. 8/05. Replaced brake I with all other 100 he fy this aircraft has determined to be in	

DATE			ILY TAL	TIME	L AIR SINCE FG,	ENGINEERING RECORD
		HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
BROUGH FORWAR						
12/24/0	4			1239	40	C/W DAT M5B 40-030/1 Jul selector
	, -					imp chicked ox
				<u> </u>		Stene E. Pint Ax P 334545343
1 / .				10.00	-	Did District
1/7/04	•		 	1251	70	RAR Brake pado. Check OK.
-				1		Kene C. F. M. 38111001324
			<u> </u>	 	 	
		DATE	: 2/2	24/2005	N N	UMBER: 445DS S/N: 40-045
		TACH	: 1	289.1	ı	HOBBS: 1655.3 TT: 1289.1
	Com	npleted	100 hr i	nsp this (date. C	hecked for new AD's thru 05-4. C/W DAI MSB
	40-0	30/1 fue	el selec	tor "U" jo	int insp.	. Checked ok. Checked ELT as per FAR 91,207 (d).
	Repi mair	lace bat nt. manu	tery 8/0 Jal ched	5. Com klist and	plied wit FAR 4:	th all other 100 hr services at this time as per 3 app. D. I certify this aircraft has been inspected
	IAW	a 100 t	r inspe	ction and	determ	nined to be in airworthy condition at this time.
					4	+<0
					L	unl Viet
					Steve	e E Piety AP 2840331
		1	1	.L	1	
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			ļ		<u> </u>	
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	D	ATE:	3/1/2	005	N NUM	IBER: N445DS S/N: 40-045
	r	ACH:	129	4.0	но	DBBS: 1656.1 TT: 1294.0
	Removi		replace	d defect	ive start	ter relay with like P/N, S-1577A1. Op's
	CHECK	UK.				Stew E. tiet
						Steve E Piety AP 284033/ IA
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\$4.				 · ·	·		<u> </u>
<u> </u>						ı	1
	DATE:	6/29/2005	N NUMBER	R: 445DS	S/N:	40-045	
	TACH:	1380.3	Hobbe				
	IACH.	1360.3	HOBBS	i: 1773.0	T T:	1380.3	
Rem	oved and	replaced tail fi	n. Removed	and replaced m	ain tires and se	nulcod with air	
		•		and replaced III	am thes and se	i viceu willi air.	
—				11	1 1	4	
				Hun	<u> </u>	//	
				Steve E Piety	AP 2840331	IA(/	
	DATE:	7/13/2005	Al Alliannon		· · · · · · · · · · · · · · · · · · ·	- 	
			N NUMBER	: 445DS	S/N:	40-045	
_	TACH:	1396.1	HOBBS	1791.0	- -		
— c	-1-4 4 4 4				T T:	1396.1	
40-03	Dieteg 100 O/1 fuel sa	nr/ANNUAL ir	isp. this date.	Checked for ne	w AD's thru 05	-14. C/W DAI M	en l
OK. R	leplace ba	ittery 8-05 Co	modical was -	The Chicoked Et	n as belit-VK ?	31.207 (d), Chec	ked
АРР, լ	Dand DA!	checklist 1 a	ertify this airco		ervices at this	91.207 (d). Checkime as per FAR	43
— insp. a	and detern	nined to be in	airworthy cond	ait has been ins	pected IAW a 1	time as per FAR 100 hr/ANNUAL	
			,	A-A-	\sim		
				Shun ?	1 Lie	t	
				Steve E Piety	AP 2840331 IA		
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]	
8/20	1600	JA 011 14	620 7	:4000 =	.0720 2		
0/25	105	TACH IS	133,2	MUDDS 1	<u>427.2</u>	PAR 91,20	
<u> </u>	Slace	& ELT 1	Sattery.	+ Chicken	os per 1	AR 91,20	07 (d).
Ne	clove	batte	<u>u</u> 3 ^v - 2	2010			
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	DAIL		TOTAL	SINCE		1	ENGIN	EERING	RECO	RD	
DATE		MIN.	MF HRS.	G, MIN,	NOTE: USE B	OTH PAGES	AND A	S MANY LII	NES AS	REQUIRED	OR COMPLETE
	HRS.	MIN,	HRS.	MINA	<u> </u>	<u>.</u>				<u></u>	
BROUGHT FORWARD											
Alalah :	ACH	L 101	b, j4	479	Replaced	Brak		Balo	s. /	Pomplie	of with
7105	T				DAIM	4.0 1-			<u> </u>	1 11.7	2 "115
	HoB	92	1857	.5	Dr. J. M	<u>\$15 40</u>	<u>~ 0 ~</u>	1/ 1-2	ju	Much	00 0
			ļ		joint in	<u> </u>	ull	<u>DK</u> .			
					Stown	8. Si	# 1	92P2	840	331 IA	
							()				
<u> </u>	+		 					·		•"	
- DATE:	10/13/20	005	N NUME	BER:	445DS	\$/N:		40-045			
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_ TACH:	1479.	.8	HOE	BBS:	1896.9	TT:		1479.8			
			:_atallad	Dome	wod and renia	ood stade:	r sole	noid En	nine		
- Removed batte	ery, cnarç	gea, re-	Mistaneu	, Rein	A)	ced state	L		gc		
_ run-up ok.					Uncl.	Jul	1				
-				s	teve E Piety /	P 284093	1 IA				
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PN 5939PD-	7	SM	4175	フク							
This altime					${\text{ed} \text{ and }} \%$	-					
certified to	20,00	<u> 20_</u> ft	t per	FAR	91.411 💆						
in accorance										···	
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Details on Sign (Varue	cite u	naer			<u>3 /</u> . 25-05 .						
Denver Avio			Date				•				_
PN <i>DI20-P2</i>	-	-	7800	_	_						
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certified to								· · · · · · · · · · · · · · · · · · ·	·	···	
in accorance	e with	FAR	43 ap	pend	X "E" S	ALTIM	FT PR T	CORRECTI			
Next certifi	cation	n due	: <u> </u>	ober	<u> 200 /</u> . Š .	-1000		,		<u> </u>	
Details on f								20,000	t25		
Denver Avior					R116N	0		25,000			
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Static syste						1000	+-	35,000			
required by found to com								40,000			- 10 PM
The system w	as tes	sted	to 20	0.000	FT. Š	-					- 6 <u>- 6</u> -
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Details on f					<u> </u>	4000	+10	50,000		:	Š.
Sign Jemin Denver Avion			_Date. _CRS		57/5. 1116N	6000	n'	53,000		<u> </u>	
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Transponder	tests	requ	ired	py FA	and S -					<u> </u>	
91.413 were found to com	periol	itheu	MA VA	andi	k "F"	10,000	1 70	70,000	<u> </u>	: :	
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Make King I	nodel_k	CITIC	<u>-010/</u> SN	127	<u>をフ ら・</u>	Date _{l0} -		SN 417	572		
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Sign Leavi	15 84 W	1933	Date \ CRS	DEE	75 68 R116N			, -			
Denver Avior	ILUS	r AA		FED	XTT OIL						

DATE:	11/16/2005	N NUMBER:	44500	64:	40.045
UATE:	1 (/10/2005	N NOMBEK:	445DS	S/N:	40-045
TACH:	1493.3	HOBBS:	1914.2	T T:	1493.3
Completed 10	0 hr/Annual ins	p. this date. Ch	ecked for new	AD's thru 2005	-22. Complied with
Diamond Serv	ice Bulletin 40-	-030/1 fuel selec	tor "U" joint ins	spichecked ok.	Checked ELT as
services as pe	r FAR 43 app.	k. Replace batt D and Diamond	ery 3/2010. Ce checklist. I ce	ompiled with all rtify this aircraf	other 100 hr I has been inso
n accordance	with a 100 hr/A	Annual insp. and	determined to	be in airworthy	cond. at this time.
			Street	E. Grey	
			Steve E Piety	AP 2840331 A	
			•		
					·
DATE	: 11/16/2005	N NUMBER	: 445DS	S/N:	40-045
TACH:	1493.3	HOBBS	: 1914.2	Ψ.	4400.0
_				T T:	1493.3
Removed ar	nd replaced tail	fin with servical	, ,	. 0	
-			Steen	E Has	
_		•	Steve E Piet	y AP 2840331	IA .
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•••					
~ · ·					
DATE	2/15/2006	N NUMBER	R: 445DS	S/N:	40-045
TACH	: 1543.3	HOBBS	: 1978.7		
C/W DALM	SR 40 02/4 &			Т Т:	1543.3
PUT IN	ייד ו/כט-טד טבי	selector "U" join کے۔	nt insp. Check	ed ok.	
		Street	2011x	1	
		Steve E Piet	y AP 2840331	IA	·
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0.475	0.0000				
DATE:	3/7/2006	N NUMBER:	445DS	S/N:	40-045
TACH:	1561.3	HOBBS:	2001.1	ΤT:	1561.3
_					ons procedure.

	70	ILY Fal	TIME	L AIR SINCE G.	,		INEERING R	
DATE	HRS.	MIN.	HRS.	MIN.	HOTE: USE BO	TH PAGES AND	AS MANY LINE	S AS REQUIRED FOR COMPLET
BROUGHT FORWARD								
	DA	TE:	3/28/200	6 N	NUMBER: 4	145DS	S/N:	40-045
	TA	СН:	1567.1		HOBBS: 2	2009.1	T T:	1567.1
<u>. </u>	Remove	d and re	placed a	aircraft b	nattery. Op's cl	heck ok.	1-	
	_			/	Stone C	. ref		
	_			St	eve E Piety A	P 2840331\/		
	-	-	-	 	-			<u> </u>
	DAT	re: 5	5/23/2006	5 N :	NUMBER: 4	45DS	S/N:	40-045 ———
	TAC	:H:	1592.3		HOBBS: 2	040.5	TT:	1592.3
		s been	inspecte			as per FAR 43 al insp. and de		Certify this be in airworthy
	aircraft ha	s been	inspecte		a 100 hr/ Annua		etermined to	be in airworthy
	aircraft ha	s been	inspecte		a 100 hr/ Annua	al insp. and de	etermined to	be in airworthy
	aircraft ha	s been	inspecte		a 100 hr/ Annua	al insp. and de	etermined to	be in airworthy
	aircraft ha	as been at this ti	inspecte	d IAW a	a 100 hr/ Annua	lunc (etermined to	be in airworthy
	aircraft ha	as been at this ti	inspecte	d IAW a	Ste	lunc (P2840331	be in airworthy
	aircraft ha	at this to	inspecte ime. 19/2006 1624.	d IAW a	NUMBER: 4- HOBBS:	45DS	S/N: TT:	40-045 1624.5
	aircraft ha	at this to	inspecte ime. 19/2006 1624.	d IAW a	NUMBER: 4- HOBBS:	45DS 2080.7 sh tube. Ops	S/N: TT:	40-045 1624.5
	aircraft ha	at this to	inspecte ime. 19/2006 1624.	d IAW a	NUMBER: 4- HOBBS:	45DS 2080.7 sh tube. Ops	S/N: TT:	40-045 1624.5
	aircraft ha	at this to	inspecte ime. 19/2006 1624.	d IAW a	NUMBER: 4- HOBBS:	45DS 2080.7 sh tube. Ops	S/N: TT:	40-045 1624.5
	aircraft ha	at this to	inspecte ime. 19/2006 1624.	d IAW a	NUMBER: 4- HOBBS:	45DS 2080.7 sh tube. Ops	S/N: TT:	40-045 1624.5

L D				S & REPLA Y unused L	CEMENT INES IN DATE	AND TIME C	OLUMNS.	SIGNA	TURE	LICENCE NUMBER
	DAT	E: 8/15/20	06	N NUMBI	ER: 445DS	. =	S/N:	40-045		
ing A. K. Marajan Marajan	TAC	H : 16	41.8	нов	BS: 2103.0	6	T T:	1641.8	_	
Mikar Mi A	Complied v	with DAI N	ISB 40/03	0/1 fuel se	elector "U" jo	int inspect	ion_Che	ecked ok.	-	
	,				Street	u E_	De	A	_	
ipi =: ilijus					Steve E	Piety AP	2840331	(A		
を 合 <u></u>	<u></u>									
	_									
	DATE: 11/	/24/2006	N NU	JMBER: 4	45DS	S/	N: 4	0-045		
	TACH:	1691.3	ŀ	HOBBS:	2166.8	Т	T: 19	691.3		
100	hr/Annual in	sp. compl	eted this o	date. Che	cked for new	AD's thru	2006- 23	3. C/W Dian	nond	 -
S.B.	40-030/1 fu	el selecto	r "U" joint	insp. Che	cked ok. Ch	necked EL	T as per	FAR 91.207		
					erviced and or raming horn.				æ	
lining	gs. Complie	ed with all	other 100	hr service	s at this time	e as per ch	ecklist a	nd FAR 43		-
	tify this airc rmined to be		-		ordance with time	n a 100 hr//	ANNUAL	insp. and		
ueic	ininica to be	o iii Qii woi	ary condi-	ion at tino	Stew	1 1) p			
				<u>/</u>	teve E Piety					
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				, <u> </u>				!		
DA	NTE: 4/18/20	007	N NUMB	ER: 445D	S	S/N:	40-04	.5		
TA	CH: 17	750.6	HOR	PE 224	0.2					
						T T:	1750,	6		
C/V	V DA! MSB	40/030/1 f	uel select	or "U" join	linsp. Chec		_			,
					Ste	iu ξ.	Prie	<i>t</i>		
					Steve	E Piety A	P 28403	31 IA		
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_								I		
-	DATE	: 7/1/2007	ľ	N NUMBE	R: 445DS		S/N:	40-045		
- i	07-11 - 21, as FAR 91.207 at this time a	ual insp. co s per S.B. d. Check as per FAF	ompleted 40-030/3, ed ok. Ro R 43 app.l	fuel select eplace bate D. I certify	S: 2292.4 Checked for tor "U" joint tery 3/2010. this aircraft e in airworth	insp. Cher Complied has been ny cond. at	cked ok. with all o inspected this time	Checked E other 100 hr d in accorda	LT as per	
_						<u> </u>		. Tref		.
						Steve E	Piety Al	P 2840331	IA	

		ILY TAL	TIME	L AIR SINCE FG.	ENGINEERING RECORD	<u> </u>
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND ASMANY LINES AS REQUIRED FOR COMPLETE	•
BROUGHT FORWARD	1					~~
т.	ATE: 8/1 ACH: 0 07-11-2	1842.6	8	нов	ER: 445DS	
	.	+	+	 	Steve E. Piety AP 2840331 \A	
	CUSION VAC	TA U	Date:		7 <u>N Number</u> : N445DS	
	Remo	ved and r	replaced	alternate	Work Performed: air cable and vent per maintenance manual. See armed to service. Allen Logan AP 2669982	
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INSPECTION, REPAIRS & REPLACEMENT	-1000 +5 20,000 135 LICENCE
JES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TI	
ON ///2572	500 500
SN 4/7572 has been tested and V	1000 +15 35,000
数 まょっさ ナム フォククク 「TT DOT FAR 91・411」。	1500 +15 40,000
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Maccorance with FAR 43 appendix "E"	
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mails on file under JO# 07-01979	5734PD-3
myer Avionics FAA CRS PR5R116N	
atic system tests and inspections	
uired by 91.411 were performed and	
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he system was tested to 20,000 FT.	
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413 were performed this date and "	
found to comply with FAR 43 apdx "F" 6	
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tails on file under JO# 07-01979	
ion // //// Date 10-30-07	
enver Avionics FAA CRS PE5R116N	
Key Lime Air 13252 Control Towar Road, Englow	rood, Colorado 80112, (303) 758-9528
ALCONOMICS CONTRACTOR	
N Number: N445DS Date: 11/15/07	
Description of Work Performed:	
Replaced Battery in ELT remote with a new Lithium cell as defined by th	e ACK service manual Revision
05/07/2002 Next due date 11/2015	1 1
41.	
Pow	obert Hann KY7A882H
 <u>{</u>	

N445DS N Number: 02/14/08 1886.2 MPLETE TT Aircraft: DATE Tach: 1885.2 **Description of Work Performed:** BROUGHT Performed a 100 Hour inspection of aircraft in accordance with FAR Part 43, appendix D.Cleaned, inspected and lubed all aircraft components. Checked FORWARD ELT for proper operation in accordance with FAR 91.207. Battery expires March of 2010. Serviced brakes, tires, and battery. Installed new tire on nose wheel with new wheel bearings and cups. Installed new landing light lense. Installed new brake pads on both maine. Repaired wiring to flap indication lights, operational check okay. All AD's reviewed and complied with to this time, see AD compliance records for compliance times. Dressed, inspected and painted propeller and returned aircraft to service. I certify that this aircraft has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition. Allen Logan AP2669982IA N445DS N Number: 8-8-2008 Date: 1986.4 TT Aircraft: 1985.4 Tach: **Description of Work Performed:** Performed a 100 Hour inspection of aircraft in accordance with FAR Part 43, appendix D.Cleaned, inspected and lubed all aircraft components. Checked ELT for proper operation in accordance with FAR 91.207. Battery expires March of 2014. Serviced brakes, tires, and battery. Replaced RH MLG tire, and tube, and installed new ELT battene. All AD's reviewed and complied with to date, see aircraft compliance records for compliance times. Dressed, inspected and painted propeller and returned aircraft to service. I certify that this aircraft has been inspected in accordance with a 1981 Hoay inspection and has been determined to be in airworthy condition. *PB* 67 Allen Logan AP2669982(A Precision Aircraft and Engine Services Inc. 13252 E Control Tower Rd, Englewood, CO 80112 AIRFRAME Date: 5/04/2009; Aircraft: N445DS; Type: DA-40; S/N: 40045; Hobbs: 2669.0; Tach: 0.0, Total Time: 2086.5 Perform an Annual inspect of aircraft in accordance with FAR Part 43, Appendix D. Cleaned, inspected, and lubed aircraft. Cleaned & inspected / Replaced fuel strainer and reinstalled with new O-ring. Removed ship's battery, serviced as required, and reinstalled. Serviced brake master cylinders. Installed new batteries in ELT, batteries expire May of 2011. Tested ELT for proper operation in accordance with FAR 91.207 (d). "AutoPilot" placard replaced. Installed new static wick on rt wingtip. Left brake line, tightened fittings. Left brake caliper removed, cleaned and installed new packing. Back bled brake system. Straightened the elevator trim cover. Relaced all rudder cables with new; two PN) CA1-0406 two PN) CA1-1600-WIP two PN) CA1-2200-WIP two PN) CA1-1200 cables and rigged rudder system in accordance with Diamond Aircraft Manual, and in reference to AC43.13-1B. Checked system for proper operation. Airworthiness Limitation for day VFR satisfied at this time, for another 3000hrs/ 5yrs, Installed new batteries in Emergency power for artificial horizon and reinstalled pack in aircraft. New DPU memory back-up battery installed, this zeroed out tach. Installed new battery in LC2 clock. Sealed the cracks around the base of the upper and lower com antennas. Left rear seat latch removed and straightened. Reinstalled and checked for proper operation. Complied withAD 2007-17-06 Eff. 09/25/2007. Inspected nose gear leg per AD, found no defects at this time. All AD's reviewed and complied with at this time, see recurring AD compliance records for compliance times. I certify this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Allen Logan AP26699821A

Denver Avionics Inc.

Altimeter Correction Card

W-	
P77 1 .	

N445DS

7625 S. Peoria D-14 Englewood, CO 80112

Maintenance Log Entry

S/N: 40045

Removed United Altimeter 5934PD-3 S/N: 417572 and Trans-Cal Industries Encoder D120-P2-T esting and certification. Tested altimeter and encoder to 20,000' in accordance with FAR 43 appen equipment in aircraft. Tested aircraft static system to 1,000' above field elevation in accordance with 91.411.

Diamond DA40

Removed King Transponder KT76C-0101 P/N: 066-01156-0101 S/N: 12787 from aircraft for test transponder in accordance with FAR 43 appendix F. Reinstalled certified equipment in aircraft. Con Details on DAI SO#09-03322. Recertification due October 2011.

The aircraft and/or component identified above was repaired and inspected in accordance with curre manual and the maintenance rules of the Federal Aviation Regulation under which we are certificated service as per those requirements.

Altitude	Correction	Altitude	Correction
-1000	-10	14000	-5
0	-5	16000	5
500	-5	18000	20
1000	5	20000	30
1500	0	22000	
2000	5	25000	
3000	10	30000	
4000	10	35000	
6000	0	40000	
8000	20	45000	Ī
10000	-15	50000	
12000	-15	51000	
P/N: 5934	PD-3	S/N: 41757	72

CRS PESRI16N

Signed:

CRS PESRI16N

Sean R. Macoomb

Date: 10-27-09

Precision Aircraft and Engine Services Inc.

13252 E Control Tower Rd, Englewood, CO 80112

Date: 1/13/2010; Aircraft: N445DS; Type: DA-40; S/N: 40045; Hobbs: 2773.1; Tach: 79.5; Total Time: 2166.0

Serviced and charged a G-241 battery S.N. G02475331. Installed in aircraft, ground ran and checked charging and starting system

Jeremy Roberts AP Pending

Precision Aircraft and Engine Services Inc.

13252 E Control Tower Rd, Englewood, CO 80112 AIRFRAME

Date: 5/20/2010; Aircraft: N445DS; Type: DA-40; S/N: 40045; Hobbs: 2800.3; Tach: 100.2; Total Time: 2186.7

Performed Annual inspection in accordance with FAR Part 43, appendix D. Cleaned, inspected, and lubed aircraft. Cleaned & inspected fuel strainer and reinstalled with new O-ring. Removed ship's battery, serviced as required, and reinstalled. Serviced brake master cylinders. Cleaned and inspected wheel bearings. Installed two new bearings P/N 13889 and races P/N 13836 in right main, and one bearing P/N 13889 and race P/N 13836 in left main. Installed two new bearings P/N 08125 and races P/N 08231 in nose wheel. Packed all wheel bearings. Installed new induction air filter element, P.N. FR08504. Checked ELT for proper operation in accordance with FAR 91.207. Battery expires March of 2016. Reglued canopy weatherstripping with 1300L. Installed rubber hose over brake lines as needed for chafing on pilot and co-pilot master cylinder lines. Secured wires away from rudder cables under pilot seat. Fabircated two new rubber washers and installed two new screws with washers on landing light lense. Removed both fuel caps and broken gound wires. Fabricated new ground wires and installed ring terminals. Attached to fuel caps and fuel cap grounding spot. Made fiberglass repairs to tail tiedown. Replaced elevator trim actuator arms attaching hardware as needed. Performed pivot nut friction test on nose wheel and asjusted as needed per Diamond maintenance manual. Installed new pads P/N 066-10600 with new rivits P/N 105-00200 on both mains. All ADs have been reviewed and complied with at this time, see recurring AD compliance records for compliance times.

I certify this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be ippairworthy condition.

Allen Logan AP2669982IA

DENVER A	7625 S. Peoria D-14	Maintenance Log Entry	june 4, 2010	IRED FOR COMPLETE
	Englewood, CO 80112			
N445DS	Diamond DA40	S/N: 40045		
~Removed failed autopi	lot disconnect switch and repl	aced with new part (1ea. 031-004	128-0000).	
		oaded appropriate certification ga		
		Maintenance Manual for Bendix/Ki	ing KAP140 Flight	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Control System. Autop	oilot ops check normal.			<u></u>
				 -
Details on DAI SO#10-	03/14			
The sincreft and/or com	nonent identified above was r	repaired and inspected in accordar	nce with current	·
		ance rules of the Federal Aviation		
		to service as per those requireme		
/	n NI			ļ
Signed:	A Mucha		Sean R. Macoomb	
CRS PE5R	LI6N		_	
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THE PLAN	7625 S. Peoria D-14		:	3
AVIONICS	Englewood, CO 80112	Maintenance Log Entry	June 17, 2010	7
N445DS	Diamond DA40	S/N: 40.045		
Found missing switch co	ver and reinstalled as required	l, Autopilot disconnect op checks	good.	
Details on DAI SO#10-0	3755.			
The size of a comp	anant identified shows was to	epaired and inspected in accordan	see with current	
· '		ince rules of the Federal Aviation	ì	
		o service as per those requiremen	-	<u>2</u>
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Signed:	N. Macral	<u></u>	Sean R. Macoomb	
CRS PESR I	16N			
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		CARRIED FORWARD		
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INSPECTION, REPAIRS & REPLACEMENT		LICENCE
DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	NUMBER
N# 1145 S Transponder/Altimeter/Static Biennial Certification This afteraft's Altimeter system and Altitude Reporting Equipment have been inspected		
This afterant's Antimeter system and Antimeter Reporting Equipment have been dispected as and tested in accordance with FAR 43 appendix E & F, To comply with 91.411		
PILOT ALT. PN 5934PD-3 SN 417572 Tested to 2000		
E41		· · · · ·
CP ALT. P/NS/NTested to		
Encoder P/N D120-P2-T S/N 78085 Tested to 20000		
P/N S/N Tested to		
The Aircrafts ATC Transponder sys. Has been inspected and tested ICW FAR 43		
Appendix F to Comply with 91.413.		
Transponder: KING PN KT74C SN 12787		
Here Static system complies with CFR 23.1325. Leakage ft/min:		
Advertal state The at the alling		
Notes: Adjusted xgdr Transmitter Freq a Pulas WO.# 1202093137 Date: 2/10/12 Hours 29237		
_ W.O.# 1202010137 Date: 2/10/12 Hours 24237		
_ INSPECTOR Live Pictures 10005		
Front Range Transponder Svc,		
395 Airport Dr., Erle, Co., 80518 303-808-9276 CRS F42R979Y		
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Executive Air East

Ph.303 261 4000 fax 303 261 4055

Date 02-10-2012

N445DS

tach time 196.2

hobbs2923.7

Elt batt. Due 11-2013

remote elt batt. Due 11-2015 engine tsmo 2283.4

Propeller tsmo 2282.7

A&P3403641IA . B. L. L.

IFR xponder and static due 02-2014

Complied with an annual inspection law far 43 appendix D and a check list complied with routine servicing law da 40 service guide washed aircraft removed all required inspection panels / interior / engine cowlings and propeller spinner checked all required paperwork and placards all accounted for checked all controls for free movement and full travel to stops no defects noted checked all electrical items for operation no defects noted complied with far 91-207 d elt inspection operational checks ok unit turned on for 5 sec complied with AD 02-26-01 fuel injector lines by visual inspection law ad instruction see list for ad times and sign offs removed battery charged and serviced with distilled water replaced all brake pads on both main wheel assy. Cleaned and lubed push pull tube to prevent dragging on seal at wing root replaced parking brake control lever and adjusted operational check ok had pito static and transponder checked had transponder repaired by front range transponder all requirements meet for ifr and night operations iaw oam 40-064 and oam 40-067 drained oil removed filter cut filter open no abnormal particles found at this time installed new filter and added 6 qt's aeroshell 15/50 to sump removed all spark plugs cleaned gapped and tested replaced one plug failed go-no-go gauge no other defects noted preformed a differential compression test on all cylinders readings were 72-72-70-74 over 80 psi replaced gasket on oil filler tube tightened and safe tied replaced all valve cover gaskets with new silicon gaskets replaced missing screws in baffling cleaned induction filter checked propeller spinner and bulkhead for defects none noted no sign of fluid leaks noted checked all engine controls for travel to stops no defects noted checked weight of fire extinguisher and reading on gauge in the green reinstalled spinner / engine cowlings / interior and panels ran aircraft operational checks ok no sign of fluid leaks noted I certify that this aircraft has been inspected law an annual inspection and has been determined to be in airworthy condition at this time and is approved for return to service upon owners / operators acceptance Steven T Bush

	AHn: 5/8/17
Houses Trick TT	// / / / - ()
5/21/12 29960 23.2 2582 9	Replaced Ri The Tach Rest
	en 34-64281 itself at 231 to P
	ok ar some 50 the 100 th is
6/15/2 3028H 38-2 2597.H	Replaced right due at 65.6
	Aero what and the 50 Hr is
	repreted the due at 15.6
	left wing ty.
	Operational c
	Diamond DAYO MM. Airoraft ok for service
	5. Vantupod AP 281 7060 - END -
	CARRIED FORWARD

	N445DS Aspen Flying Club	Diamond DA40 S/N: 40045	June 21, 2012
(1) Removed damaged	section of wiring and reterminate	ed pilot PTT wiring. System operational	check normal.
		tensioned retainer ring in power/volume nob. System operational check normal.	knob and reinstalled on audio
All work performed IAV	V best maintenance practices.		
The above described repa	air or maintenance is approved for	return to service. A detailed record is on	file under Work Order #1JCBA.
Signed:	CRS # JG7D076J Phone: 303	61 1111	nics; Englewood, CO 80112 Total Landings:
			1
Straight A SUBSIDIARY OF SIERRA NEV		E. 13251 E. CONT CENTOV ENGL	STATION #: OMKR399L A.S.A. 145.5994 'ROL TOWER RD., BOX K-12 EWOOD, CO 80112 303) 799-8906
following has been accomplish new P/N: 0713348-1. 3) Repla and AAA battery. Ops check sa A.D. 2009-10-04 "Nose Gear F	hed: 1) Checked ELT per FAR Part 91.207 aced all brake linings with(4) new P/N: C atisfactory: 5) Repaired small hole in Lead	rframe by using Diamond DA40 Series MM Chap (d) and found satisfactory. Battery due: March 20 066-14100 using (12) 105-00200 rivets. 4) Installed ling Edge Horizontal Stabilizer. Axie IAW MSB40-046/3. No discrepancies found.	16. 2) Replaced stall warning horn with I new chromometer bulb P/N: GE1819
A.O. 2011-26-04 "Fuel Injection Release Statement: Straight Flight, Inc. hereby ce Procedure Manual, FAR's gove DA 40 Series maintenance m	in Lines* - C/W by Inspecting fuel injection in tifies that all the above maintenance are runing the operation of this equipment,	in lines per SB342F. No discrepancies found. and inspections have been accomplished in according the standard practices in AC43.13 1B en inspected IAW a 100 Hour and has been deter	ordance with Straight Flight Inspection
A.D. 2011-26-04 "Fuel Injection Release Statement: Straight Flight, Inc. hereby ce Procedure Manual, FAR's gove DA 40 Series maintenance minformation on these repairs is	In Lines* - C/W by Inspecting fuel injection entifies that all the above maintenance as erning the operation of this equipment, nanuals. I certify that this aircraft has been son file at Straight Flight facility under presented.	in lines per SB342F. No discrepancies found. and inspections have been accomplished in according the standard practices in AC43.13 1B en inspected IAW a 100 Hour and has been deter	ordance with Straight Flight Inspection (current revision), and using Diamond mined to be in an airworthy condition.
A.D. 2011-26-04 "Fuel Injection Release Statement: Straight Flight, Inc. hereby ce Procedure Manual, FAR's gove DA 40 Series maintenance minformation on these repairs is	In Lines* - C/W by Inspecting fuel injection entifies that all the above maintenance as erning the operation of this equipment, nanuals. I certify that this aircraft has been son file at Straight Flight facility under presented.	in lines per SB342F. No discrepancies found. and inspections have been accomplished in accomp	ordance with Straight Flight Inspection (current revision), and using Diamond mined to be in an airworthy condition.
A.D. 2011-26-04 "Fuel Injection Release Statement: Straight Flight, Inc. hereby ce Procedure Manual, FAR's gove DA 40 Series maintenance minformation on these repairs is	In Lines* - C/W by Inspecting fuel injection entifies that all the above maintenance as erning the operation of this equipment, nanuals. I certify that this aircraft has been son file at Straight Flight facility under presented.	in lines per SB342F. No discrepancies found. and inspections have been accomplished in accomp	ordance with Straight Flight Inspection (current revision), and using Diamond mined to be in an airworthy condition.
A.D. 2011-26-04 "Fuel Injection Release Statement: Straight Flight, Inc. hereby ce Procedure Manual, FAR's gove DA 40 Series maintenance me Information on these repairs is John L. Saar, Insurance Mayartion DUNCAN AVIATION emoved King Slaving Acceptable Statement of the Saving Acceptable Saving Acce	in Lines*- C/W by Inspecting fuel injection in the state of the second interest of the operation of this equipment, in anuals. I certify that this aircraft has been on file at Straight Flight facility under properties. Straight Flight Flight, in the state of the st	in lines per SB342F. No discrepancies found. and inspections have been accomplished in accomp	August 7, 2012
A.D. 2011-26-04 "Fuel Injection Release Statement: Straight Flight, Inc. hereby ce Procedure Manual, FAR's gove DA 40 Series maintenance mushformation on these repairs is John L. Saar, Insupport DUNCAN AVIATION emoved King Slaving Act aircraft. System operaccessory.	in Lines*- C/W by Inspecting fuel injection in tiffes that all the above maintenance against the operation of this equipment, nanuals. I certify that this alreraft has been so in file at Straight Flight facility under property pector, Straight Flight Flight, N445DS Aspen Flying Club cessory KA51B-01 P/N: 071-124 attional check normal. All work or maintenance is approved for respectively.	Inc., FAA CRS #OMKR399 Diamond DA40 S/N: 40045 12-01 S/N: unreadable from aircraft for receptor performed IAW Honeywell Maintense turn to service. A detailed record is on file	August 7, 2012 Repair. Reinstalled repaired unit ance Manual KA51B Slaving
A.D. 2011-26-04 "Fuel Injection Release Statement: Straight Flight, Inc. hereby ce Procedure Manual, FAR's gove DA 40 Series maintenance mushformation on these repairs is John L. Saar, Insupport DUNCAN AVIATION emoved King Slaving Act aircraft. System operaccessory.	in Lines*- C/W by Inspecting fuel injection in tiffes that all the above maintenance against the operation of this equipment, nanuals. I certify that this alreraft has been so in file at Straight Flight facility under property pector, Straight Flight Flight, N445DS Aspen Flying Club cessory KA51B-01 P/N: 071-124 attional check normal. All work or maintenance is approved for respectively.	Diamond DA40 S/N: unreadable from aircraft for rick performed IAW Honeywell Maintens sturn to service. A detailed record is on file lines per SB342F. No discrepancies found. and inspections have been accomplished in accompleted in accomplete in accomp	August 7, 2012 Repair. Reinstalled repaired unit ance Manual KA51B Slaving
A.D. 2011-26-04 "Fuel Injection Release Statement: Straight Flight, Inc. hereby ce Procedure Manual, FAR's gow DA 40 Series maintenance mushformation on these repairs is John L. Saar, Insupplemental Language Procedure Manual, FAR's gow DA 40 Series maintenance mushformation on these repairs is John L. Saar, Insupplemental Language Procedure Procedure Aviation. DUNCAN AVIATION emoved King Slaving Act aircraft. System operaccessory. the above described repair igned:	in Lines*- C/W by Inspecting fuel injection in tiffes that all the above maintenance agring the operation of this equipment, in anuals. I certify that this aircraft has been so in file at Straight Flight facility under property. Straight Flight Flight, N445DS Aspen Flying Club Cessory KA51B-01 P/N: 071-124 attional check normal. All work or maintenance is approved for respections.	Diamond DA40 S/N: unreadable from aircraft for rick performed IAW Honeywell Maintens sturn to service. A detailed record is on file lines per SB342F. No discrepancies found. and inspections have been accomplished in accompleted in accomplete in accomp	August 7, 2012 August 7, 2012 Epair. Reinstalled repaired unit ance Manual KA51B Slaving e under Work Order #1M36A. Es: Englewood, CO 80112

Aspen Flying Club

		Aspei	Flying Club	In 1/2
	13000	E. Control Tower	Rd. Box K-16 Englewood, CO 80112	nex
DATE	Replaced alternate	air lever mounting	obbs: 3123 AFTT: 2475.7 bracket with new p/n D41-7163-31-00, s/r	R COMPLETE
BROUGHT	ok for service.	. Adjusted alternat	e air control cable. Operational check good	
FOSWARD	Josh Vanterpool	AP2817060	InA	
	 	·	+	
Tach	16,4		10-15-12	
Tach lb	جر FAA -	PMA	10-15-12	
	ifies that Sky-Tec Mode	No. 149-24LS	10-13-12	
Serial No. F4	4L-441128 wa	is manufactured no	v on _ 10 Nov 2011	
110,	per CFR14 Part 21 in	AA PMA No. PQ0852 Diaccordance with C	SW Supplement	
FAA-Approve	ed Fabrication Inspectio	n Svetom /C⊂D4 ¢ D		
determined to	o be airworthy	ved crawings. This	art has been	
For installatio	on eligiblility see www.s			
Starter Install	led on N 44505	<u> - by J, Van</u>		
	SN: 40045	AP 281	hanic)	<u> </u>
		,		
Form CC1108-	-1			
	1 1	1 1	<u></u>	
			pen Flying Club	
	1300	0 E. Control T	ower Rd. Englewood, CO 80112	
	NUMERO			
	N445DS 12/11/12	DA40 Tach: 49,8	SN: 40045 Hobbs: 3183.8	
	100 TT T			
	Tested ELT per FAI	on completed on this R 91,207(d), no defec	late using the DA40 MM 100 Hour Inspection Check List ts noted. ELT battery due Nov. 2013. Replaced vacuum	
-	reginator tities with	new p/n KAB3-3-[]	(colaced all file) hoses behind the firewall and file) hoses in	
	MIMI Keptacement K	leguirements. Ref. aff	acement Requirements. Replaced all oil hoses per DA40 ached TSO cert, for fuel and oil hoses replaced. Replaced	
1,	entergency battery v	viin 28 AA batteries i	ext due March 2019 Rengired grounding strong on the	
	ancian dancery with	new p/n G-241 s/n (/	map lights with new p/n DA1-99033-00-01, Replaced 02694181, AD's check through bi-weekly 2012-22.	
	Operational and lead	< chécks good. I certi	fy that this airframe has been inspected IAW a 100 be in airworthy condition.	
	nour mapeetion and	u was determined to	be in airworthy condition.	
·	•		60	
	Jonathan Coupal A8	LP3427289		
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	+	+ +		
	 	 		
•		1 1	CARRIED FORWARD	

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REPAIR STATION #: OMKR399L E.A.S.A. 145.5994 13251 E. CONTROL TOWER RD., BOX K-12 ENGLEWOOD, CO 80112

Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 states of large brake brake large with project of the sequence of the states of	Wiring Diagram Chart 90. C	TACH: 58.9 Hobbs: Inc. has accomplished the following: 1) Inspected Hobbs meter wiring and replaced fuse with new P/N AGC-3 IAW perational check satisfactory.	3184.0 DA40-180
N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N45DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N45DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112	Procedure Manual, FAR's go repairs is on file at Straight	overning the operation of this equipment, referencing the standard practices in AC43.13 1B (current revision). Information in the fight facility under project #6713.	: Inspectio on on thes
N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N45DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N45DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112			
N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N45DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N45DS DA40 SN: 40045 Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112		Aspen Flying Club	
Annual Inspection completed on this date using the DA40 MM 100 Hour Inspection Check List. Tested ELT per FAR 91.207(d), no defects noted. ELT battery due March 2016. Replaced vacuum regulator filter with new p/n RAB3-51. Replaced main tanding gear brake discs with new p/n 164-24400 (2 ea.). Replace brake lining with new p/n 066-10600 (4 ea.). Replaced pilot side three point seatbelt with new p/n 5-01-1C0701-LH. C.W. AD 09-10-04 Nose Gear Pivot Axle by inspection of the NLG Pivot Axle LAW MSB40-0463. No defects noted next due text: 304.1. AD's check through bi-weekly 2013-04. Operational and leak checks good. I certify that this airframe has been inspected LAW an Annual inspection and was determined to be in airworthy condition. Joshua Vanterpool A&P28170601A Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112			
regulator filter with new p/n RaB3-5-1. Replaced main landing gear brake discs with new p/n 164- 24400 (2 ea.). Replace brake lining with new p/n 66-10600 (4 ea.). Replaced pilot side three point seatherly with new p/n 5-01-IC0701-LH. C.W. AD 09-10-04 Nose Gear Pivot Axle by inspection of the NLG Pivot Axle IAW MSB40-0463. No defects noted next due tach: 304.1. AD 6ct check through bi-weekly 2013-04. Operational and leak checks good. I certify that this altrframe has been inspected IAW an Annual inspection and was determined to be in airworthy condition. Joshua Vanterpool A&P28170601A Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 Replaced left nav light with new p/n 34-0428020-65. Operational check good. Aircraft ok for service. Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Replaced parking brake cable w/new p/n DA1-9032-40-02 s/n RC1200597 Operational check good.		Table 104.1	
Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 Replaced left nav light with new p/n 34-0428020-65. Operational check good. Aircraft ok for service. Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 04/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DAI-9032-40-02 s/n RC1200597. Operational check good.	regulator 24400 (2 seatbelt v the NLG	filter with new p/n RAB3-5-1. Replaced main landing gear brake discs with new p/n 164- ea.). Replace brake lining with new p/n 066-10600 (4 ea.). Replaced pilot side three point with new p/n 5-01-1C0701-LH. C.W. AD 09-10-04 Nose Gear Pivot Axle by inspection of Pivot Axle IAW MSB40-046/3. No defects noted next due tach: 304.1. AD's check i-weekly 2013-04. Operational and leak checks good. Legrify, that this cluster me has	
N445DS DA40 SN: 40045 O3/12/13 Tach: 111.7 Hobbs: 3242 Replaced left nav light with new p/n 34-0428020-65. Operational check good. Aircraft ok for service. Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 O4/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DAI-9032-40-02 s/n RC1200597. Operational check good	Joshua V	anterpool A&P28170601A	
N445DS DA40 SN: 40045 O3/12/13 Tach: 111.7 Hobbs: 3242 Replaced left nav light with new p/n 34-0428020-65. Operational check good. Aircraft ok for service. Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 O4/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DAI-9032-40-02 s/n RC1200597. Operational check good		Aspen Flying Club	
Replaced left nav light with new p/n 34-0428020-65. Operational check good. Aircraft ok for service. Josh Vanterpool AP2817060 Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 04/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DA1-9032-40-02 s/n RC1200597 Operational check good.			
Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 04/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DA1-9032-40-02 s/n RC1200597 Operational check good		511, 40045	
Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 04/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DAI-9032-40-02 s/n RC1200597 Operational check good	Replace service	ed left nav light with new p/n 34-0428020-65. Operational check good. Aircraft ok for	
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Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112 N445DS DA40 SN: 40045 04/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DAI-9032-40-02 s/n RC1200597 Operational check good			
N445DS DA40 SN: 40045 04/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DAI-9032-40-02 s/n RC1200597 Operational check good		Aspen Flying Club	
04/03/13 Tach: 142.8 Hobbs: 3279.8 Replaced parking brake cable w/new p/n DAI-9032-40-02 s/n RC1200597 Operational check good		13000 E. Control Tower Rd. Englewood, CO 80112	
Replaced parking brake cable w/new p/n DAI-9032-40-02 s/n RC1200597. Operational check good.			
	04/03/13		

Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112

DATE BROUGHT FORWARD	N445DS 04/13/13 Drained engine Phillips XC 20V Aircraft ok for s Jon Coupal A&	Tach: 143.0 oil removed and inspe V50. Replaced oil filte service.	ected oil filter. No metal not	SN: L-29856-51A Hobbs: 3280.2 ed. Serviced engine with 8 qts. of ierational and leak checks good.	ORD S REQUIRED FOR COMPLETE
				<u></u>	
		Aspe	en Flying Club	_	
	13000	E. Control To	wer Rd. Englewood	l, CO 80112	
<u> </u>	N445DS 04/17/13	DA40 Tach: 143	SN: 40045 Hobbs: 3280.2	-	
	Installed elevator assedated 04/16/13. Instal Aircraft ok for service	tation and rigging don	Straight Flight, Inc. Cert# Ole IAW Diamond DA40 MN	MKR399L, W.O # 6827 1. Operational check good.	
-	Jon Coupal A&P342	7289		-	
	1				······································
<u>. </u>	13000 E. Co:	Aspen Flyi	ng Club		
		acioi tower Ko	l. Englewood, CO 8	0112	
N445D 04/22/1		DA40 Tach: 146.1	SN: 4004 Hobbs: 1		
Checker 30620, 2 01/22/20 ok for se	d emergency power switt A1E44009R1 by Aero W D13. Replaced tube with crvice.	ch and safety wired. R /heel and Brake Servi new 6.00-6 inner tube	Replaced left main tire with once Corp. Cert# U8SR917J, vol. Operational and leak check	overhauled, p/n W.O. 200313 dated ks good. Aircraft	
Јоп Соц	pai A&P 3427289	t-gl.			
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			CARRIED F	ORWARD	
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	GUNAL LINE THROUGH ANY UN	NUSED LINES IN DATE AND TIME COL	UMNS.	SIGNATURE	
	Aspen F	lying Club			
	13000 E. Control Tower	Rd. Englewood, CO 80112	<u> </u>		
N445DS 05/07/13	DA40 S	SN: 40045 Hobbs: 3304.5	+-		
Installed over Inc. Cert# Q\ good. Aircraf	thauled electric fuel (5100)	00-9, s/n 10416B by Quality Aircraft Accessed dated 01/17/13. Operational and leak che	ories cks		
Josh Vanterpo	ool A&P2817060				-
	Aspen Flying	Club			+
13000	E. Control Tower Rd. E	nglewood, CO 80112			
N445DS 06/06/12	DA40 SN: 4004: Tach: 203.8 Hobbs: 33				
100 Hour Inspection	Completed on this data and an analysis		-		-
Tested ELT per FAR	91.207(d), no defects noted. ELT ba	440 MM 100 Hour Inspection Check List. ttery due March. 2016. Replaced vacuum			
regulator filter with no leak checks good. I co	ew p/n RAB3-5-1. AD's check throu	gh bi-weekly 2013-10. Operational and			
leak checks good. I ce	ow p/n RAB3-5-1. AD's check throu ertify that this airframe has been in e in airworthy condition.	ttery due March. 2016. Replaced vacuum gh bi-weekly 2013-10. Operational and ispected IAW a 100 hour inspection and		<u></u> .	
leak checks good. I ce	ertify that this airframe has been in	gh bi-weekly 2013-10. Operational and spected IAW a 100 hour inspection and			
leak checks good. I ce was determined to be	ertify that this airframe has been in	gh bi-weekly 2013-10. Operational and spected IAW a 100 hour inspection and			
leak checks good. I ce was determined to be Jonathan Coupal A&I	ertify that this airframe has been in airworthy condition. P3427289 Aspen F	gn of-weekly 2013-{0. Operational and inspected IAW a 100 hour inspection and living Club			
leak checks good. I ce was determined to be Jonathan Coupal. A&F	P3427289 Aspen F 13000 E. Control Tower	gn 61-weekly 2013-{0. Operational and inspected IAW a 100 hour inspection and			
leak checks good. I ce was determined to be Jonathan Coupal A&I N445DS 07/18/13	Aspen F. 13000 E. Control Tower MTV-12-B/180-17f Tach: 241.5	lying Club Rd. Englewood, CO 80112 SN: 03044 Hobbs: 3401.1			
leak checks good. I ce was determined to be Jonathan Coupal A&I N445DS 07/18/13 Replaced airc Inc., Cert# Q4	Aspen F 13000 E. Control Tower MTV-12-B/180-17f Tach: 241.5 Craft propeller with overhaul p/n MT' 4MR908Y, WO# 10-443MT, dated (lying Club Rd. Englewood, CO 80112 SN: 03044 Hobbs: 3401.1			
leak checks good. I ce was determined to be Jonathan Coupal A&F N445DS 07/18/13 Replaced airc Inc., Cert# Q Aircraft ok fo	Aspen F 13000 E. Control Tower MTV-12-B/180-17f Tach: 241.5 Craft propeller with overhaul p/n MT' 4MR908Y, WO# 10-443MT, dated (lying Club Rd. Englewood, CO 80112 SN: 03044 Hobbs: 3401.1			
leak checks good. I ce was determined to be Jonathan Coupal A&F N445DS 07/18/13 Replaced airc Inc., Cert# Q Aircraft ok fo	Aspen F. 13000 E. Control Tower MTV-12-B/180-17f Tach: 241.5 craft propeller with overhaul p/n MTV 4MR908Y, WO# 10-443MT, dated for service.	lying Club Rd. Englewood, CO 80112 SN: 03044 Hobbs: 3401.1			
N445DS O7/18/13 Replaced airc Inc., Cert# QAircraft ok fo	Aspen F 13000 E. Control Tower MTV-12-B/180-17f Tach: 241.5 craft propeller with overhaul p/n MTV 4MR908Y, WO# 10-443MT, dated for service. apal A&P3427289 Aspen F	lying Club Rd. Englewood, CO 80112 SN: 03044 Hobbs: 3401.1 V-12-B/180-17f, s/n 03044 by MT-Propeller 19/06/12. Operational and leak checks good.			
N445DS O7/18/13 Replaced airc Inc., Cert# QAircraft ok fo	Aspen F 13000 E. Control Tower MTV-12-B/180-17f Tach: 241.5 craft propeller with overhaul p/n MTV 4MR908Y, WO# 10-443MT, dated for service. apal A&P3427289 Aspen F	lying Club Rd. Englewood, CO 80112 SN: 03044 Hobbs: 3401.1 V-12-B/180-17f, s/n 03044 by MT-Propeller 199/06/12. Operational and leak checks good.			
N445DS O7/18/13 Replaced airc Inc., Cert# QAircraft ok fo	Aspen F 13000 E. Control Tower MTV-12-B/180-17f Tach: 241.5 Craft propeller with overhaul p/n MTV 4MR908Y, WO# 10-443MT, dated to or service. Aspen F 13000 E. Control Tower Aspen F 13000 E. Control Tower	lying Club Rd. Englewood, CO 80112 SN: 03044 Hobbs: 3401.1 V-12-B/180-17f, s/n 03044 by MT-Propeller 19/06/12. Operational and leak checks good.			
N445DS O8/20/13	Aspen F 13000 E. Control Tower MTV-12-B/180-17f Tach: 241.5 Craft propeller with overhaul p/n MTV 4MR908Y, WO# 10-443MT, dated for service. Ipal A&P3427289 Aspen F 13000 E. Control Tower DA40 Tach: 272.9 DA40 Tach: 272.9 DA40 Tach: 272.9	lying Club Rd. Englewood, CO 80112 SN: 03044 Hobbs: 3401.1 V-12-B/180-17f, s/n 03044 by MT-Propeller 199/06/12. Operational and leak checks good.	USA,		

.011005.	KX155A Communication/ Nav functions demonstra		-Fired In decordance will	acceptable maintenance	
QCA.	nir or maintenance is appro	oved for return to service.	A detailed record is on:	file under Work Order #	
ned:	DUNO QI 14,				
ncan Aviation CRS # Je		303-649-1790	for Duncan Avionies; Engle Total Time: To	ewood, CO 80112 otal Landings:	
				nai Laidings.	
	 			-	
				·	
	Asp	en Flying Club			
	13000 E. Control To	wer Rd. Englewood	CO 90114		
Nissena		Elemnod	, CO 80112		
N445DS 09/12/12	DA40 Tach: 296.0	SN: 40045			
100 Hour In	enection committee	Hobbs: 3466.3		·	
Tested ELT p	spection completed on this date for FAR 91.207(d), no defects r with new p/n RAB3-5-1. Representations of the property of the	te using the DA40 MM 100 F	four Inspection Check List.		
106 (4 ea.) R	enlaged ==== (Rep	placed left and right brake lin	inge with		
C.W. AD no.	to 04 Nov. O	198694 dated 11/10/12 Rev	sed sominated wheel and		
MSB40-046/3	10-04 Nose Gear Pivot Axle I b. No defects noted. Next due ad leak checks good. I certify	by inspection of the nose lan	iding gear pivot axle IAW	<u> </u>	
	on and was determined to be		ough bi-weekly 2013-18.		
•	al A&P3427289	in strworthy condition.	2 100		
	AL ROCE 342/289	,			
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- LASP	FN	Aspen Flying Clu			
	13000	E. Control Tower Rd. Englewood	D f, CO 80112		
-	3 N445DS	DA40		∦	
_	10/24/13	Tach: 332.8	SN: 40045 Hobbs: 3513		
Re-torqued r	10se gest nivot fort faire	D. 10 -		jj	
5.00-3 6 ply	tose gear pivot fork IAW I p/n 071-311-0, s/n 9292W W.O. 217134 dated 10/10, and leak checks good	OA40 MM. Replaced nos	se tire with overhauled Mic	chelin ————	
Operational a	w.O. 217134 dated 10/10, und leak checks good. Aircr	2013. Replaced inner tu	be with new 500 5	Cert#	
-	Isla vinceas good, Airca	raft ok for service.	was new J.OO-3 miner	tube.	
-		/ /		//	
Josh Vanterpoo	ol A&P2817060	not			
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			FORWARD		

LICENCE

NUMBER



Aspen Flying Club

13000 E. Control Tower Rd. Englewood, CO 80112

NAMEDIS 11/12/13

Textron Lycoming IO-369-M1A Tach: 349.9

SN: L-29856-51A Hobbs: 3533.0

ENTRIES. DRAV

Replaced Slick Start Module with new p/n SS1001, IAW Service Letter SL2-96. Replaced ignition leads (2 ea.). Replaced spark plugs (2 ea.). Drained engine oil removed and inspected oil filter. No metal noted. Serviced engine with 8 qts. of Phillips XC 25W50. Replaced oil filter with new AA40110-2. Operational and leak checks good. Aircraft ok for service.

Jon Coupal A&P3427289

N445DS Aspen Flying Club

Diamond DA40 S/N: 40045

December 9, 2013

ATURE

Removed failed Bendix/King KLN94 GPS P/N 069-01034-0101 S/N X1847 Installed customer-provided Bendix/King KLN94 GPS P/N 069-01034-0101 S/N 2508. System operational check normal in aircraft. All work performed IAW instructions contained in Bendix/King KLN94 GPS Navigation System Installation Manual. No current US airworthiness directives apply.

The above described repair or maintenance is approved for return to service. Pertinent details of this repair/maintenance are on file at

Signed: Duncan Aviation CRS # JG7D076

Phone: 303-649-1790

for Duncan Avionics; Englewood, CO 80112 Total Landings:



Aspen Flying Chib

13000 E. Control Tower Rd. Englewood, CO 80112

N445DS 1/3/13

DA40 Tach: 381.9 SN: 40045 Hobbs: 3572.3

Found control friction knob inner threads to be stripped. Cleaned threads as required with NCF 10-24 tap. Reinstalled control triction knob as required. Removed right stabilizer tip, lightly sanded scratches and applied surface finish paint as required. Re-installed right stabilizer tip. Performed operational check with no defects noted.

William Highfill A&P 3503293



13000 E. Control Tower Rd. Englewood, CO 80112

N445DS 02/01/2014 **DA40** Tach:2619.03 SN: 40045 Hobbs: 2071.3 Erronious -

Starter engages when master battery switch is turned on. Troubleshot system found st solenoid has internal short to ground. Removed faulty starter P/N 149-24LS, and installed starter P/N 149-24LS, S/N F4L-441124. Performed engine ground runs and operational chec required, with no defects noted at this time. Refer to DA 40 Aircraft Maintenance Manual Ch 00-00 for work performed. I certify that this aircraft is determined to be in airworthy conditions, and is returned to service for the work performed above.

William Highfill A&P 3503293

Mu Prefilled

				FAA - PMA	
			This tag certifies	that Sky-Tec Model No. 149-24LS	
		T	Serial No. F4L-4- by Sky-Tec under	the authority of EAA Data at December 10 NOV 2011	·
	DATE				G RECORD
		conforms to the re	elevant FAA-angroved drawings. This part 21 §21.303) and	LINES AS REQUIRED FOR COMPLETE	
	ROUGHT				
	FORWARD	- 	Starter Installed or	giblility see www.skytecair.com/eligibility.htm	
				(Aircraft) (Mechanic)	
	····				
			Form CC1108-1		
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	 -	IASE	EN EN	Aspen Flying Club	
				13000 E Control Tower Rd. Englewood. CO 80112	
		F. W 5	02/19/14	Tark. 704.6	V: 40045
				Hope	3587.6
		100 Hour	Inspection cor	mpleted on this date using the DA40 MM 100 F	four
		inspection	i Check List. I	ested ELT per FAR 91.207(d), no defects noted. I D's check through bi-weekly 2014-2. Operational	77
		ICAK CHEC	ка доош, і сеп	IIV that this airtrame has been inspected IAW a	and 100
		nour inspe	ection and was	determined to be in airworthy condition.	
ŗ	ion Aircraft 8			5 5	
Alt	timeter Co	rrection	Card		
Altitude	Correction	Altitude	Correction		
Attitude	Correction	Aicicade	Contection		
-1000	0	14000	20	Peoria D-14 Maintenance Log Entry d. CO 80112	03/03/14
0	0	16000	20	1, 00 00112	
500	0	18000	20	iamond DA40-180 S/N: 40045 Hobbs:	3598.9
1000	10	20000	20	nder 24 month tests and inspections IAW 14 CFR 91.411/5	91.413 and
1500	0	22000	N/A N/A		
2000	15	25000 30000	N/A	PD-3 S/N 4/7572 Tested to: 20,000 f	
3000	20 15	35000	N/A	01156-014 S/N /27 87	eer.
4000 6000	15	40000	N/A	pair station under Work Order No.: AV0/473	
8000	10	45000	N/A		
10000	5	50000	N/A	Gary P. Wal	ker
12000	5	51000	N/A	n number PESRII6N	
P/N: 5934	PD-3	S/N: 417	572		
ignature	: A	T. W.	w	***	
3/3/2014		CRS# PI	ESRII6N	Aspen Flying Club 13000 E. Control Tower Rd. Englewood, CO 80112	
	<u></u>			-	
_	 -	The C	J	445DS DA40 SN: 40045 5/05/2014 Tach:391.4 Hobbs: 3583	
	_			have putting the transfer of CO	Al main Dink
		kemoved ar Power Gill b	a discarded old atterv acid. Test	battery. Build up and charged new battery p/n: G-2- ed and installed new battery. Operational check good.	+i using rink
				, ,	
-				111	
•		on Coupal	&P 3427289 /	(VI)	
	1	•		//'	<u>I</u> I <u>I</u> II <u>I</u> II <u>I</u> II <u>I</u> II <u>I</u> II <u>I</u> II <u>I</u> II <u>I</u> II <u>I</u> II <u>I</u> I

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Aspen Flying Club

13000 E. Control Tower Rd. Englewood, CO 80112

N445DS 03/26/14

DA40 Tach: 408.6 SN: 40045 Hobbs: 3607.0

Replaced left main tire w/ new Goodyear Flight Special II 6.00x6 6 ply S/N: 32247584, Material number, 186404. Reused serviceable inner tube. Removed and replaced left and right brake rotors w/ new p/n: 164-24400 (2 ea.) Removed and replaced left and right brake linings w/ new p/n: RA66-106. Operational and leak checks good.

Jon Coupal A&P 3427289



REPAIR STATION #: OMKR399L E.A.S.A. 145,5994

13251 E. CONTROL TOWER RD., BOX K-12

ENGLEWOOD, CO 80112 (303) 799-8906

35) Straight Flight, Inc. has performed the following: 1) Performed Annual/100hr Inspection by following FAR part 43 Appendix D as a guide. noved engine induction alternate air valve and installed the following new factory parts gasket P/N 77504, flange P/N D41-7166-20-33, inlet duct 11.12166-20-31, set screw P/N RC1401045, and o-ring P/N AS-568-042. 3) Replaced LH wheel cylinder bleed port P/N 079-00300. Bled LH brake. hated. 4) Resealed RH brake master cylinders. Bled RH brake system, serviced to full level. Leak check was satisfactory. 5) Reseated glareshield it smp in fixture. Installed new glareshield power supply P/N APVL 328-8-3-L-18 QF. Operational check was satisfactory. 6) Performed minor epair to pilots RH rudder pedal. 7) Checked ELT per FAR part 91.207(d), found satisfactory, battery due March 2016. 8) C/W Ads biweekly

LOG ENTRY

Tach: 413.9

013-24-14 "Center wing AFT spar structural integrity" — AD 2013-24-14 is due at next major structural inspection (MSI) or 114 months after Jan. 7, 2014 ctive date of this AD).

303-10-04 "NLG leg plyot axle" - C/W AD 2009-10-04 para. F1. Performed Florescent dye penetrant inspection of nose gear leg in accordance with Arcraft mandatory Service Bulletin No. M & B 40-04613, dated 11/17/08. Next due 12 month/200hrs.

11-26-04 "Fuel Injection lines" — C/W AD 2011-26-04 by inspecting fuel injection lines in accordance with Textron/Lycoming fuel injection line inspection Mo discrepancies found.

e Statement:

(Jent, Inc. hereby certifies that all the above maintenance and/or inspections has been accomplished in accordance with Straight Flight Inspection we Manual, FAR's governing the operation of this equipment, referencing the standard practices in AC43.13 18 (current revision), and Diamond Aircraft Maintenance Manuals, I certify this aircraft has been inspected IAW an Annual/100hr Inspection and determined to be in airworthy condition and has return of service. Information on this repair is on file at Straight Flight facility under project #7347.

Saar, Inspector, Straight Flight, Inc., FAA CRS #OMKR399L

BRUNGARD AVIATION **BOULDER, COLORADO** 4-11-2014 3613.8 HOBBS N4#5DS DIAMOND DA40 TROUBLE SHOOT INOP ALTERNATOR SYSTEM, REPAIR BROKEN GROUND WIRE AT ALTERNATOR, RUN UP CHECK OK

STEVE HALL A&P 3435597IA

ENCE IBÉR

	,	AIR IIME	AND		
7625 S F	sion Aircraft and Peoria St D14, Englewo	Engine Services	s Inc.		
E AIRFRAME	E				₹ сомі
— 2520.3	/02/2014; Aircraft: N445[
GH Per Dian AR steel, the	mond SI 40-135, issued . ey are to be changed out	June 17, 2013, 1.3 if the	rudder cables have been We have verified with I	n changed out to stainle	:SS
cables w	ve purchased from them	and installed in N445DS	in 2009 were stainless	steel and meet the criter	ria ——
	en heen	A11.			-
	110 100)1	Allen Logan AP 26699	3 82		
—— I	ASPEN	Aspen 1	Flying Club	-	<u> </u>
			r Rd. Englewood, CO 80112	-	
	7-17-15 7-17-15			SN: 40045 Hobbs: 3520.9	
	. C/W this inspection pe				
2	2. Tested ELT per FAR 91	1.207(d), no defects note	d. ELT battery due Mar	2016.	
	 AD's check through bi AD 09-10-04 NLG piv 		is time.	-	
5.	 Replaced all brake pad 	s(RA66-106)		-	
	 Replaced aircraft batte certify that this aircraft 			ual inspection	
a:	and was determined to be	in airworthy condition.		-	
R	Romald Dobbs 11450606			Ì.	
	MNOUNAI		 -		
		<u> </u>			
<i>P</i>	<u>ASPEN</u>		lying Club	-	
—— ∥ ₹		•	Rd. Englewood, CO 80112		
	N445DS 10-17-16	Diamond DA: Tach: 532.4	40	SN: 40045 Hobbs: 3760.8	·
	O Hour Inspection compl				<u> </u>
	heck List. Tested ELT per D's check through bi-we				· · · · · · · · · · · · · · · · · · ·
ins	spection of nose gear p	ivot. Replaced battery w	vith new Concorde RG2	24-11ML SN:	
40	0832849. Removed and re 032-23-01. Resealed wind	eptaced all 5 nose gear s dows with RTV Reseal	hock absorbers, Part Nur ed right brake cylinder	mbers: DA4-	
	[\$28775-224 o-ring. Ope	rational and leak checks	good. I certify that this	airtrame has	
	een inspected IAW a 100 h		termined to be in airworth.	ry condition.	<u></u>
AI	lberto Pizzato A&P 25229	10 11.2096	Acce	.] –	
					
_ ' =	<u> </u>				
	ASPEN		Tying Club Rd. Englewood, CO 80112		
`				5N: +0045	<u>-</u>
	N445DS 10-17-16		r . 10	Hobbs: 3760.8	
				-	
\	Complied with a 100	Hour Inspection per I	FAR 43 apdx d using	g the DA40	
l N	MM 100 Hour Inspecti	on Check List as a gui	de.	l .	
I	certify that this Airc	raft has been inspecte	xi in accordance with	. an Annuai	
L	Inspection and was det	letininer to be in an wo	Actif Condition	-	
—— <i>[/</i>	Yould Well			∦ -	
R	Ronald Dobbs 1A350606	•		-	
					
	Romald Dobbs YAJ50606	In HRS	ED FORWARD	-	

					\dashv
ASPEN	Aspen Flying Clu	ıb			
	13000 E. Control Tower Rd. Englewood	od CO 80112	. ∦ _		
., 2 .	1445DS Diamond DA40 D-18-16 Tach: 532.4	SN: 4 Hobbs: 3			
			-	, <u></u>	
Complied with A universal joint, no	D2007-11-21 by visual inspection defects noted, next due at tach: 1532.	of the fuel selector	or _		
,	- 1992 Hotel How die die delle 1992.	.4			
	2522916	٨			
Alberto Pizzato A&P	2522916				_
N#4457	\$ Transponder/Altimeter/Static Bien				-
1	Altitude Reporting Equipment				_
and tested in ac	cordance with FAR 43 appendix E & F, To comply	with 91.411.			
	PM 5934PD-3 _{SM} 417572				
Encoder 1	PIN 0120 P2 TSIN 78005	Tested to 22,000			
The Aircrafts A Appendix F to	TC Transponder sys. Has been inspected and tested Comply with 91.413.	LICW FAR 43	-		
Transponder:	King PNKT-76C	SN 12787			
	stem complies with CFR 23.1325, Leakage ft/min	li .			
Notes: NO	VE			<u></u>	
	0204020 Date: 10/20/16	Hours 532.5			_
	TOR EE		<u></u>		
INSPEC	Front Range Transponder St	ve -			
11750 Airpor	t Way Broomfield, CO 80021 303-469-1380 (CRS F42R979Y			_
		J			
	<u> </u>				
ASPEN	Aspen Flying	Clark			—
	13000 E. Control Tower Rd. Engle	Ewood, CO 801[2	ĺ		
	N445DS Diamond DA.40 11-15-16 Tach: 532.4 Total tim		10045		
	Total (III)	Hob	hu: 3760.8	-	
This aircraft ha	s been inspected and has been found	Safe for intended find			_
	1 Special Flight Permit dated Nove hru bi weekly 2016-23 with the exce				_
eff. Aug 27, 201		cepuon of AD 2014-1	3-08	!	
r.m				· <u> </u>	
Jeffrey S Rice A&P.	3224419				

DATE				
DATE	DAILY TOTAL	TOTAL AIR TIME SINCE MFG.	ENGINEERING RECORD	
		1 1	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQU	RED FOR COMPLETE
Comp suppl work AMM	ilied with AD 20 ied by Diamond was accomplish as reference. V	I Aircraft see auth ned per SB's MSB Veight and balan	3761.3)(4)(i) Reinforcement of aft main spar using carbon horized release form #SI149407 and SI149305 for r 40-074, D4-094 and F4-028 instructions and chapt ce is not affected. This service bulletin changes the TSN and every 4000 hrs. thereafter.	naterials. The er 51-20 of the
	d Dobbs			_
A&P3	506064			
	ļ			**
 AIRCRAF 11750 Airp 	A S AOUNTAIN T SERVICES LIE ort Way Hanger CO, 80021	B-12A	Date: 3-2-17 Acft Reg: N445DS Flight Tach: 546.6 AIRFRAME	
Removed lef reinstalled/sa Clinton Cook	• • • • • • • • • • • • • • • • • • • •	emoved and replaced proved for return to so	tube with new 15X6.00-6 tube. Reassembled wheel and ervice for above work accomplished.	
	<u> y</u> ,			
	Date: 7-21-2 Eng. Model:	IO-360-M1A E	Hobbs: 3838.5 Reg. No.: N445DS ng. S/N: L-29856-51A SMOH: 0.00 Jajor Overhaul	
with Aer reinforce both thre hoses in service. James E	roshell 100ND of ad/repaired as recorde and mixture stalled. Function Reference RO# . Crisman	il; ńew filter instal quired. New starte cables. New Tefle al and leak tests sa	er engine major overhaul. Engine serviced to 8qts led. #3 exhaust riser repaired/certified. Baffles rring-gear installed. New rod ends installed on on (integral firesleeve "lifetime") fuel and oil atisfactory. This aircraft is approved for return to The New Firewall Forward Loveland, CO 80538	
— A&P322 —				
— A&P322 ——			A 17 30 12-0	
— A&P322 —			A 17 30 12-0	
A&P322			A 17 30 12-0	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
A&P322			A T 7 30 12-0	, i
A&P322			A T 7 30 12-0	
A&P322			A + 7 30 12 - 0	
A&P322			A 7 7 30 12 -0	

	ENGINE	ERING RECO	RD	21
	$R \sim AS$	_ v= ·	Date: 7/25/2017 Aircraft Reg: N445DS	
	ROCKY MOUNTAIN AVIONICS SERVICES LLC		Tach Time: NA Hobbs Time: 3838.5 AIRFRAME	LICENCE NUMBER
	11915 Airport Way Broomfield CO, 80021			
	REMOVED: KLN94 069-0103-0101 SN 2508, MD41-52N SN 16	005 VV1554 050 01022 0104 CH 4:	340 DME VNC34 DCC 4050 D4 SV	
A CONTRACTOR	30305, ADF KR87 066-01072-0004 SN 73705, ADF 0200 SN 34091. Removal of above equipment inc	Indicator 066-3063-01 SN 49080 ar	nd KA92 Antenna 071-01553-	
RANGE OF THE PROPERTY OF THE P	breakers INSTALLED:			
	GNS530W per MFG Installation Instructions 190-0 interfaced to original HSI per above listed manual.	•	ng GA35 WAAS antenna. GNS	
· · · · · · · · · · · · · · · · · · ·	Aircrafts original radio mounting structures retain Circuit breakers for new GNS530W are 1 each 5 Al labeling updated.		for COMM1. All circuit breaker	
	Weight and Balance Revision performed and is con This aircraft is approved for return to service for the		√D	
·	Steve Odean	/ 	522399048	
			1	
	$ R \wedge AS$ $R \wedge AS$ $ROCAYA$	17 h	8/2017	
· <u> </u>	ROCKY MOUNTAIN AIRCRAFT STRVICES Brooms	OCNEVIN STRVICTS : IT Way Hanger B-12A CO, 80021		
	—— 11000 11 The state of the st	Mange P	D _a Act	te: 08-22-201
	Broomfield CO, 80021 Removed and re	placed L	Flig	th Tach Co
w	Removed left wingtip strob check is satisfactory at this time. Daniel R Ruley	placed hobbs meter with new meter.	AIR	FRAME
	Climan Cook / Last	h/	P/N 85094. Ops check is and	
	Clinton Cook A	.&P 35/450,	is satisfactor	y at this time
				
	$R \sim A S$		Date: 8/30/2017 Acft Reg: N445DS	A&P 3918566
	ROCKY MOUNTAIN		Flight Tach: 632.5	
	AIRCRAFT SERVICES was		ACTT: 3055.1	
	11750 Airport Way Hanger B-12A - Broomfield CO, 80021		AIRFRAME	
	-	FAR 43 App (D) and Diamond DA	40 checklist. Removed interior and	d all
	Performed a 100HR/Annual inspection in accordance with inspection panels. Inspected and lubed as required all flight	t control surfaces, rod ends, chains	and pulleys. C/W FAR 91.207 sub) Jue ——
	(D) ELT inspection. Operational check was satisfactory at	uns thee, replaced batteries with nev	Repaired top cowling air deflect	tor
	for replacement September 2019. Replaced static wick to	on right ancion 1714 10050 what is	noved ground. Reinstalled interior	and
-	by regluing using fiberglass resin. Troubleshot faulty nobb inspection panels. Degreased and washed aircraft. Ground	Run/Ops/Leak check all satisfactor	y at this time. I certify that this	.d
	inspection panels. Degreased and washed aircraft. Ground Airframe has been inspected in IAW a 100HR/Annual insp for return to service at this time.——END———	ection and has been found to be in	an worth conductor and in Alexand	
	- Auto Clark		A&P3083586TA	
 -	Justin C Parrow			
	Tach: 632.5 N445DS			
		2 . 6	<u> </u>	<u> </u>
	C/W AD 09-10-04 By Dy	· Pen inspection	- Nose gear	<u></u>
	Proof Axle. No Defects	Found - End-	Aut D	
			Gran Aze 3083	KGC.++
				- U L. T

Date: 8/30/2017

	AS
- ROCKY AIRCRA	MOUNTAIN FT SERVICES 111
11750 Air	port Way Hanger B-12A ld CO, 80021
C/W AD 84	4-26-02 by installing new P/N FR

ROCKY MOUNTAIN AIRCRAFT SERVICES 111. 11750 Airport Way Hanger B-12A	Flight Tach: 632.5 AIRFRAME	; RECORD
Broomfield CO, 80021		LINES AS REQUIRED FOR COMPLETE
C/W AD 84-26-02 by installing new P/N FR-08504 indu 1132.5. Operational check of all systems is satisfactory a service for the above accomplished work. END Justin Parrow	at this time. I his aircraft is approved for return to	
ROCKY MOUNTAIN AIRCRAFT SURVICES (1) 11750 Airport Way Hanger B-12A Broomfield CO, 80021	Date: 10/19/2017 Acft Reg: N445DS Flight Tach: 620.1 Airframe	
Removed and replaced right main and left main brak Ops check is satisfactory at this time.	ke linings with new linings P/N 66-106.	
Daniel Ruley Sound hufur A&P	3918566	
ROCKY MOUNTAIN AIRCRAFT SERVICES 11750 Airport Way Hanger B-12A Broomfield CO, 80021	Date: 12/12/2017 Acft Reg: N445DS Flight Tach: 117.2 AIRFRAME	
Removed right main tire and replaced inner tube with main landing gear tire with 6.00-6 retred tire. Groun aircraft is approved for return to service for the above	ld flin/ons/leak check is satisfactory at this time.	d left ————————————————————————————————————
Justin Parrow Justin Conserver		3586
	1	
R AS ROCKY MOUNTAIN AIRCRAFT SERVICES FOR	Date: 12/21/2017 AcftReg: N445DS Flight Tach: 730.5 Airframe	
11750 Airport Way Hanger B-12A Broomfield CO, 80021		
Performed a 100hr inspection in accordance with Inspected and lubed all flight control surfaces, rosub (D) ELT Inspection, operational check is sati for replacement Sept 2019. C/W AD 09-10-04 1	id ends, chains and pulleys. C/W FAR 91.20 isfactory at this time. ELT battery next due Nose gear pivot by dye pen inspection of	7
 sub (D) FLT Inspection, operational check is sati 	isfactory at this time. ELT battery next due Nose gear pivot by dye pen inspection of	

satisfactory at this time. This Airframe has been inspected IAW a 100hr inspection and has been found to be in airworthy condition and is approved for return to service at this time.

-End-

Clinton Cook

A&P 3574567

CARRIED FORWARD



11750 Airport Way Hanger B-12A Broomfield CO, 80021 Date: 1/24/2018 Acft Reg: N445Ds Flight Tach: 749,2

Flight Tach: 749.2 Airframe

Date: 01/17/2018 Acft Reg: N445DS

Flight Tach: 742.8

Date: 3/21/2018 Acft Reg: N445DS

Flight Tach: 793.7

AIRFRAME

Airframe

TURE LICENCE

Removed and replaced electric fuel pump with new pump P/N 5100-00-9CJ. See form 8130-3_for more information. Ops/leak check is satisfactory at this time.

Daniel Ruley

Dal Puly

A&P 3918566

RAS

ROCKY MOUNTAIN
AIRCRAFT SERVICES (1)

11750 Airport Way Hanger B-12A Broomfield CO, 80021

Removed nose wheel and removed nose tire and tube. Installed new 5.00-5 tire and tube as required. Reinstalled nose wheel and safetied. —End-

Clinton Cook



A&P 3574567

R AS

ROCKY MOUNTAIN
AIRCRAFT SERVICES | 1.6.
11750 Airport Way Hanger |

11750 Airport Way Hanger B-12A Broomfield CO, 80021

Replaced left and right brake linings with new 66-106 linings. Bled brakes as required. Ground run/ops/leak check is satisfactory at this time. This aircraft is approved for return to service for the above accomplished work.—END—

Justin Parrow

_A&P3083586

RAS

ROCKY MOUNTAIN
AIRCRAIT STRVICUS (...
11750 Airport Way Hanger B-12A
Broomfield CO, 80021

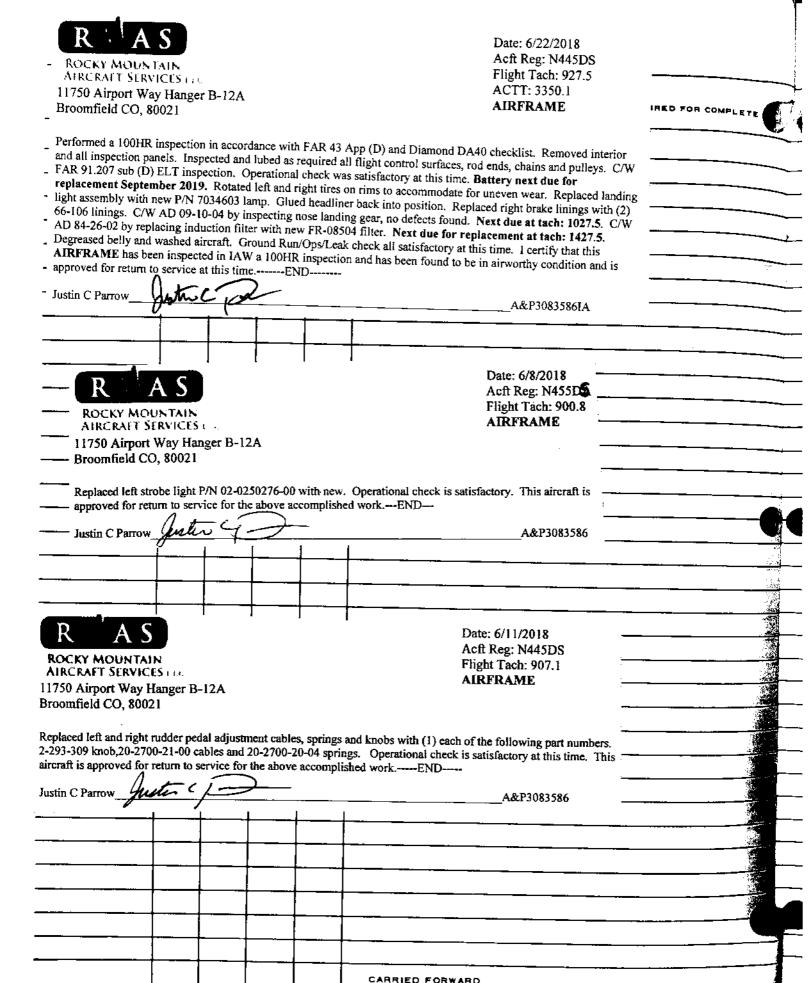
Date: 5/8/2018
Acft Reg: N445DS
Flight Tach: 828.1
ACTT: 3250.7
AIRFRAME

Performed a 100HR/Annual inspection in accordance with FAR 43 App (D) and Diamond DA40 checklist. Removed interior and all inspection panels. Inspected and lubed as required all flight control surfaces, rod ends, chains and pulleys. C/W FAR 91.207 sub (D) ELT inspection. Operational check was satisfactory at this time. Battery next due for replacement September 2019. Replaced flap up lamp with new. Removed wheel fairings and updated aircraft weight and balance as required. Glued passenger reading lamp housing back in place. Installed new Velcro on headliner and reinstalled. C/W AD 09-10-04 by inspecting nose landing gear, no defects found. Next due at tach:

928.1. C/W AD 84-26-02 by inspecting and cleaning air filter, no defects found and found in airworthy condition. Next due for replacement at tach: 1132.5. Degreased belly and washed aircraft. Ground Run/Ops/Leak check all satisfactory at this time. I certify that this AIRFRAME has been inspected in IAW a 100HR/Annual inspection and has been found to be in airworthy condition and is approved for return to service at this time.

Justin C Parrow______

A&P3083586IA





Date: 08/08/2018 AcftReg: N445DS Flight Tach: 1026.8

Airframe

11750 Airport Way Hanger B-12A
INSPEC Broomfield CO, 80021
TRIES. DRAW A DIAGONAL LIN

	Performed a 100hr inspection in accordance with FAR 43 App (D) and Diamond checklist. Inspected and lubed all flight control surfaces, rod ends, chains and pulleys. C/W FAR 91.207 sub (D) ELT Inspection, operational check is satisfactory at this time. ELT battery next due for replacement Sept 2019. Removed and replaced both left and right main tires with new 6.00-6 Retread tires. Installed new lens cover on left nav light P/N 11-03207. C/W AD 84-26-02 Paper Induction filter by cleaning and re-oiling. Next Due Tach: 1126.8 C/W AD 09-10-04 Nose gear pivot by inspection of nose gear, No defects noted. Next Due Tach: 1126.8 Ground run/Ops/Leak check all satisfactory at this time. This Airframe has been inspected IAW a 100hr inspection and has been found to be in airworthy condition and is approved for return to service at this time. —End-
	Clinton Cook A&P 3574567
Referen	Date: 12/12/2018 Tach: 1086.9 Hobbs: 569.8 Diamond DA-40 Reg. No.: N445DS and gascolator screens checked and cleaned. Replaced starter contactor P/N:8781-8. Functional ask tests satisfactory. Aircraft test flown. This aircraft is approved for return to service. E. Crisman The New Firewall Forward
A&P32	20001
	Crest Aviation, LLC - Repair Station 4JKR099D
	- 11915 Airport Way Suite 1 Broomfield CO 80021 303.466.5000 - A/C: DAYO N# 44505 AC TOTAL TIME: 1087.4 HOBBS: 570.5 DATE: 12/21/18 - Work Accomplished: 91.411, 91.413
	Static System and Altimeter have been tested to 2000 ft with reference to 14 CFR 91.411 and found to comply with the specifications of 14 CFR 43 Appendix E.
	Transponder Make/Model: King KT76C Serial No.: 12787 Encoder Make/Model: D120-D2-T Serial No.: 76605 ATC Transponder System has been inspected with reference to 14 CFR 91.413 and found to comply with the specifications of 14 CFR Appendix F. Tested by: Tested by: Tested Serial No.: 12787
	Details on file under W.O.#_/036_ FORM# CA032

	ASPEN		t Flying Club ver Rd. Englewood, CO 80112		
DATE	1 14 75 -	45DS Diamond 14-19 Tach: 110		SN: 40045 ACTT: 1106.4	
	Deactivated and pl	acarded KAP140 auto	ppilot as INOP IAW	FAR 91.213	HRED FOR COMPLET
BROUGHT FORWARD	(d)(3)(ii).		,		
	All work accomplis 43.13 lb.	hed referencing Dimor	d DA40 maintence m	anual and AC	
		سرزين			
	Bryan Bodjanac A	&P 4151726	E S		
	ACDENI				
	ASSEN	Aspen F1 13000 E. Control Tower R	ying Club d. Englewood, CO 80112	-	
	N446DS 05-17-20	119 Tach: 1127.	ACTT: 3561.4	SN: 40045 Hobbs: 624.6	
	Completed 100hr/Annual insp guide. Cleaned and inspected induction air fifter. Tested and				
	induction air filter. Tested and 2019. C/W AD 2009-10-04 eff. Next due Tach 2327.1 or 12 morbi-weekly 2019.10	June 17 2009 by inspection	om FAR 91.207 (d). Battery	expires Sept	
	I certify that this Aircraft	has been inspected in acc	ordance with an A		
	and has been determined to	be in airworthy condition.	otomes with an Amiles	переспол	<u></u>
	John Saar 3685567IA				
					-
MODEL, Da 40 I/N, 40045 REG, NO: N445DS VORK ORDER: 8311-06-201		J.A. Air Co Repair Station 43W730 US R Sugar Grove, II Phone 630 58	No. NF2R029L F 30 Iinois 60554		A/C TSN. TACH: 1156
Airframe Entries					
Installed new oil p	ressure switch p/n 0-344-101-04	41 on the upper accessory cas	se.		
faintenance Release The aircraft, engine, appliance atum to service. Partinent det	or component identified was repaire ails of the repair are on file at this a	d and inspected in accordance wit pair station CRS NF2R029L and E.	h current regulations of the Fede ASA 145.5424 under Work Orde	eral Aviation Administration and v or No. 8311-06-2019. Dated 21 J	vas found Airworthy for une, 2019.
ATE: 21 June, 2019	SIGNED: 💋	If Penny		W	ork Order: 8311-06-2019
	Don Morgan Certified Repair Stat	tion No. NF2A029L		Printed by	EBis 3 (datcomedia.com)
	•				
	Michiana Aircraf	t Service Inc	Airframe Log	Entry -	
		South Bend IN 45628, Phone	_	•	
	Diamond DA40	N445DS			
	Hobbs: 664,0				
	Maintenance:				
	 Removed resiste 40-058. 	or and complied with SB MSB	40-058 by installation of cir	cuit board P/N WI-MSB-	
	nikenuhten uave	repaired in accordance with been tested and/ or leak che im to service with respect to	cked as necessary. This aim	nce manual. All systems craft is airworthy and is	
		- 1/3/			
	Signature:	= "0	Steve Purvis C.R.S. Q68	MR956Y	
	Date. 7-1-19		Work Order #14112	•	

Work Order #14112

		Areas Daine Court	D	Airframe Log Entry		
	4323 West Pro	gress Drive South	Bend, IN 46628 Phon	e 574-287-4687 Fax 574-287-7753		LICENGI
ENTRIES, DI	Diamond DA40		N445DS		GNATURE	NUMBER
	Hobbs: 673.8		TAT: 3610.6			
	Maintenance:					
	•	Removed the following 1000 engine monitor	ng components: traffic sec r, KR76C transponder, and	pe, Garmin GNC 530 GPS/Nav/Comm, VM		
	•	Installed IFD 550 P/N	N 850-00182-020 IAW Avid	i KMA 28 audio panel. Iyne Installation Manual 600-00299-00		
		Revision 17 and STC	C No SA00343BO.	idyne Installation Manual 600-00308-00	 -	
		Revision 03 and STC	J No. SA00352BO.			-
		NO. SAMUAUTBO and	I approved model list AVM	n Manual 600-00335-000 Rev 00 and STC LB-0003 Revision 00 Dated 4/22/19.		
		5/2/17 and STC No. :	SA01435SE, STC No. SAI	aliation Manual Report No 908 Rev K Dated 00432SE for fuel flow transducer, and STC		
		No. SA00861SE for f	fuel flow indicating system.	50-0601 S/N S45B1830-ST IAW PS		
		Engineering Installati	ion Manual 200-450-0600	Revision 2 Dated May 2019	·	
		STUND SAT/82SE	and XeVision Installation I	IS-2 IAW Reliable Equipment and Engineering Manual Rev. 101415 and Installation of		
		XeVision HID lights for	or Diamond DA40.			
	•	installed new vertice	cal speed indicator lam	p P/N S3312-1		
	• 1	Replaced O-rings i	in pilots left and right br	ake master cylinder. Blod backer		
	•	installed new caste	in landing light lens cover bushings P/N BB452	6DH-B and lower cubber quebies DW		
	•	D-1-1-2032-230-02 (un elasiomer of nose la	ending gear.		
	• 1	Installed missing co Installed new flood	owl fasteners. light on canopy P/N D/	A4.3311.10.00		
	• 1	netalled now flood	light dimmer controller	P/N APUL328-8-3-L-18QI.		
	i	distance liew 1000	adur amunet collinatet	1 /14 //LOT956-0-9-7-[-18/0]		
 	• I	nstalled new blicts	left hand brake pedal	P/N 22-2729-13-00-MOD and tread P/N		
	2	22-2722-21-01.	left hand brake pedal l	P/N 22-2729-13-00-MOD and tread P/N		
	The above syste	ristalled new pilots 22-2722-21-01, ems were ramp che I were found to one	ecked in accordance with the within manufacture	P/N 22-2729-13-00-MOD and tread P/N ith manufacturers installation manuals		
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	DATE	HRS.	MIN.	HRS.	FG.	NOTE: U	SE BOTH	ENGINEERING RECORD PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
	BROUGHT FORWARD							COMPLET
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		Bloom	Empire : ington IL,	St 61704				Tel: (309) 828-4448 Fax: (309) 282-4458
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Date: 9-19-19

	8	Airframe I	log Entry	Par	
		SYNERGY		(24m)	95
• •		2823 E. Empire Št	Tel: (309) 828-4448	(2-141)	25
		Bloomington IL, 61704	Fax: (309) 282-4458	w	
-		D. C. W. W. MARED	111 O.H. D.704	- -	<u> </u>
	ENTRIES, DRAW A DI	Registration #: N445D Serial #: 40.045	W.O#: R784 Date: 13 Mar 2020	ŧ	LICENCE NUMBER
		Tach Time: 3669.8		ļ	
		this aircraft's transponder, encoding syst	tem and altimeter, listed below, has been		}
		inspected and tested in accordance with lappendix E(c). Details of this work	FAR 91.413 and FAR 43 appendix F and	1 <u>-</u>	
		Certified up	to 20,000FT		
		Transponder: Avidyne Model AXP34			
		 Altimeter: United Model: 5934PD-3 S Encoder: TransCal PN/Model: D120- 		<u> </u>	
			Calle.		
,	-	DATE: 13 Mar 2020 SIGNED): <u>U / </u>		
		Synergy Flight Center, L	LC for CRS 8SGR199C		
					
	<u> </u>	-		 	
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	MAKE Diamond Aircraft Ind	A in receive J.A. A	Niz Conton		ATE: 02 June, 2020
	MODEL: Da 40 S/N: 40045		AIF CENTEF Station No. NF2R029L	U.	A/C TSN: 3720.1 TACH: 3720.1
	REG. NO: N65LY WORK ORDER: 8852-06-2020	43W730	0 US RT 30 Grove, Illinois 60554		TAGH. 3720.1
			630.584.3200		_
	Airframe Entries 2 Removed Turn Cod	ordinator P/N1394T100-10RA S/N F04-10075			_
	 Installed Serviceab 	ble Turn Coordinator P/N 1394T100-12RZ S/N 2104-29 b by J.A. Air Center CSR#NF2R029L RO#234390-06-2			_
-		in accordance with Diamond AMM 6.02.01 Date Dece			
	Maintenance Release	or component identified was repaired and inspected in accorda			
	to service. Pertinent details of th	ne repair are on file at this repair station CRS/NF2R029L and E	EASA.145.5424 under Work Order No. 8852-06-2020, D	Pated 02 June, 2020.	All worthy for return
	DATE: 02 June, 2020	SIGNED: Will My		Work Ord	er: 8852-06-2020 —
		Don Morgan Certified Repair Station No. NF3R029L		Printed by EBis 3 (datcomedia.com)
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2823 East Empire Street Bloomington, Illinois 61704 United States

SYNERGY FLIGHT ENTER Log Book Entry

March 30, 2020 FAACRS 8SGR199C www.synergyfbo.com

United States
Telephone: (309)828-4448
Fax: (309)828-4458

info@synergyfbo.com

Airframe Log Entry

Registration #: N445DS

Total AC Time: 3,669.8

Total AC Cycles:

Manufacturer: Diamond Aircraft
Part/Model number: DA-40-180

Aircraft Serial Number: 40045

rt/Model number: DA-40-180 Work Order No: R784

Date: 03/30/2020

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Squawk

1.1

INSPECTED AND SERVICED THIS AIRCRAFT IAW THE DIAMOND DA 40 MAINTENANCE MANUAL, C/W THE ELT INSPECTION AND FUNCTIONAL CHECK IAW FAR 91.207. A.D.'S CHECKED THRU 2020-06. I CERTIFY THAT THIS WORK DESCRIBED HAS BEEN INSPECTED AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

1.2

INSTALLED A POWER FLOW SYSTEMS, INC. EXHAUST SYSTEM APPROVED UNDER STC SA03281AT. INSTALLED KIT NO. PFS-15102 IAW REPORT NO. PFS-15250-00, REV. E, DATED 6/10/2010. CHECKED DYNAMIC BALANCING OF PROPELLER. CHECKS GOOD AT .121 IN/S AT 2006 RPM. THE EXHAUST SYSTEM WILL BE MAINTAINED IN ACCORDANCE WITH THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. SEE 337 THIS DATE.

1.3

RESEALED LEFT AND RIGHT FLAP AND AILERON FUSELAGE SEALS. ALL WORK PERFORMED IAW DIAMOND DA40-180 AMM 06.02.01 SEC 21-00-00.

1,4

CHECKED AMMETER WIRING AT CONNECTOR JS TO SHUNT, NO DEFECTS NOTED.

1.5

INSPECTED ESSENTIAL BUS IAW DA40 MM. INSPECTION NEXT DUE: 4680.10

1.6

FABRICATED AND INSTALLED A BONDING WIRE ON: LEFT HAND UPPER COWL SUPPORT TO FIREWALL, LEFT HAND CANOPY HINGE TO FUSELAGE HINGE. REMOVED LEFT AND RIGHT HAND WINGS, REMOVED ELEVATOR. REMOVED RIGHT FUEL TANKS AND INSTALLED BONDING WIRE ON OUTER FUEL TANK AND REINSTALLED RIGHT FUEL TANKS AND ATTACHED BONDING WIRE TO BONDING STRIP IN WING. USED NEW O RINGS FOR FUEL TANK CAP, CLEANED CONNECTIONS IN THE LEFT HAND WING BONDING SYSTEM AND LEFT WINGTIP ASSEMBLY. CLEANED BONDING CONNECTIONS IN RIGHT HAND WINGTIP ASSEMBLY. CLEANED CONNECTIONS ON STEP BONDING ASSEMBLY. REMOVED AND REPLACED LEFT AND RIGHT WING TO FUSELAGE BONDING COUPLERS. REPLACED BOTH BONDING STRAPS ON RIGHT HAND FLAP PUSHROD. RE-INSTALLED BOTH WINGS. REPLACED LEFT NAV AFT LIGHT, PN: 34-0428070-64. CHECKED LIGHTS, CHECKS NORMAL. PERFORMED PITOT/STATIC LEAK TEST, CHECKS GOOD AT 150 KNOTS AND 2000 FEET. CHECKED FLAP AND AILERON TRAVELS, CHECKS GOOD. REMOVED RIGHT WING (SECOND TIME) AND CLEANED ALL CONNECTIONS FOR FUEL QUANTITY UP TO JPI EDM 900, CHECKED OPERATION OF FUEL QUANTITY (OPERATION ONLY, NOT CALIBRATION) CHECKS NORMAL. RE-INSTALLED RIGHT HAND WING. DISCONNECTED FLAP PUSHROD SHOM MOTOR BELLCRANK AND CLEANED BONDING CONNECTIONS. DISCONNECTED FLAP PUSHROD END AT INSPECTION PANEL IN RH INSPECTION PANEL INBOARD OF THE WING BREAK AND CLEANED BONDING CONNECTIONS. REMOVED AND REPLACED LEFT AND RIGHT HAND FLAP AND CLEANED BONDING CONNECTIONS. REMOVED AND REPLACED LEFT AND RIGHT HAND FLAP AND CLEANED BONDING CONNECTIONS. REMOVED AND REPLACED LEFT AND RIGHT HAND FLAP MUNCH BONDING STRAPS. PARTIALLY RESEALED AFT RIGHT PASSENGER WINDOW DUE TO BACKSEAT PUSHING OUT ON WINDOW DURING REMOVAL. ALL WORK PERFORMED IAW DIAMOND DA40-180 AMM 6.02.01 SECTIONS 27, 28, 31, 33, 51 AND PASSES ALL TEST POINTS. INSPECTION NEXT DUE: 4680.10 TACH TIME.

1.7

REMOVED AND REPLACED EMERGENCY BATTERY PACK BATTERIES, P/N MN1500AA. ALL WORK PERFORMED IAW DIAMOND DA 40-180 AMM 06.02.01 SEC 24-32-00. REPLACEMENT NEXT DUE 3/2022 OR AFTER USE, WHICHEVER OCCERS FIRST.

1.8

COMPLIED WITH A.D. 93-05-06, APR 29, 1993 BY REPLACING THE IGNITION SWITCH, P/N A-510-2K. ALL WORK PERFORMED IAW A.D. 93-05-06 AND ACS SERVICE BULLETIN SB92-01. A.D. NEXT DUE AT 5680.1. NEW KEY CODE #190.

1.11

REMOVED AN AIR HAWK 6.00×6 , 6 PLY, S/N $83640504 \text{ FROM THE LEFT MAIN WHEEL. INSTALLED A CONDOR <math>6.00 \times 6$, 6 PLY, S/N 5132500095. INSTALLED A NEW GOODYEAR BUTYL RUBBER TUBE, P/N 302246401. WORK PERFORMED IAW THE DA40 MM.

1.12

REMOVED AN AIRHAWK 6.00×6 , 6 PLY, S/N B3641307 FROM THE RIGHT MAIN WHEEL INSTALLED A CONDOR 6.00×6 , 6 PLY, S/N 7254W00223. INSTALLED A NEW GOODYEAR BUTYL RUBBER TUBE, P/N 302246401. WORK PERFORMED IAW THE DA 40 MM.

1

SFC_WorkOrderLogBook.rpt

Printed on 03/30/2020 at 9:29:01AM

2823 Fast Empire Street Bloomington, Illinois 61704

SYNERGY FLIGHT ENTER

Log Book Entry

March 30, 2020 FAACRS 8SGR199C www.synergyfbo.com

United States Telephone: (309)828-4448

Fax:

1.31

(309)828-4458

Airframe Log Entry

ELT

Info@synergyfbo.com 1.13 INSTALLED RUBBER SEAL ON THE LEADING EXTERIOR EDGE OF CANOPY, ALL WORK IAW AC43.13-1B. 1.15 REPLACED LEFT AND RIGHT WING SEALS. ALL WORK PERFORMED IAW AC43.13-18. 1.17 REMOVED AND REPLACED PILOTS SIDE LEFT AND RIGHT RUDDER PEDAL "S" TUBES AND FORWARD LEFT AND RIGHT RUDDER CABLES, CHECKED RUDDER TRAVEL, OPS CHECK GOOD, ALL WORK PERFORMED IAW DIAMOND DA40-180 AMM 06.02.01 SEC 27-20-00. PARTS: MS171530, ROLL PIN (2)

MS171532, ROLL PIN (2) DA4-2723-33-00_02, RUDDER PEDAL, LH DA4-2723-34-00_02, RUDDER PEDAL, RH DS-TH1-32-12, STIFFENER (4) SF12579, CABLE, STAINLESS STEEL, PRE STRETCHED

SL2-4P, SWAGE SLEEVE (4)

1.18 INSTALLED NEW OIL COOLER COWL SEAL, ALL WORK PERFORMED IAW DIAMOND DA40-180 AMM 6.02.01 REV 7 SECTION 71-10-00. PARTS: 10.2508.8961 EDGE PROTECTION

1.19 C/W AD 2009-10-04, 6/17/09, BY INSPECTING THE NOSE GEAR PIVOT POINT IAW MSB40-046/3. NEXT DUE AT ATT 3869.1 OR 3/2021.

1.20 REROUTED CLOCK POWER WIRE AWAY FROM CANOPY HINGES. 1.21

REPLACED CONNECTOR ON PASSENGER MAP LIGHT ASSEMBLY. CHECKED OPERATION, WORKS NORMALLY, ALL WORK PERFORMED IAW DIAMOND DA40-180 AMM 06.02.01 REV 7 SECTION 33-10-00.

1.22 REPLACED REAR DOOR WARNING SWITCH, P/N 159-4629. OPS CHECK GOOD. WORK PERFORMED IAW DA40 MM. 1.28

REPLACED RIGHT HORIZONTAL STAB STATIC WICK AND THE LEFT WING INBOARD STATIC WICK, P/N DG-16630. 1.29

TIGHTENED RIGHT ENTRANCE STEP BOLTS. 1.30

INSTALLED NEW HARDWARE ON REAR SEAT HOLD DOWNS (BELOW CUSHIONS) PARTS. DIN90218-M6 WASHER DIN9021B-M8 WASHER LN29987-M6 WASHER DA4-2510-00-61 PLATE, REINFORCING

REMOVED AND REPLACED BOTH THE LH AND RH FUEL CAP RETAINING CABLES (PN: D67-2817-31-00) IAW DIAMOND DA-40 AMM CHAPTER 28-11-00.

1.32 REPLACED BONDING WIRES, P/N BW1-B14-RB6-RB8-080 ON LEFT AND RIGHT FLAP PUSHRODS AT CENTER LEVER. WORK PERFORMED IAW THE DA40 AMM.

1.33 INSTALLED A NEW ELT REMOTE DURACELL BATTERY, P/N PX28A. NEXT DUE CHANGE 02/2024. OPS CHECK GOOD. 1.34

REPLACED THE LEFT AND RIGHT BRAKE LININGS, P/N 066-14100. 1.35

PERFORMED IFR CHECK, NEXT DUE: 31 MAR 2022 1.36

REPAIRED GLARESHIELD WIRING IAW DIAMOND DA40-180 AMM SECTION 92, CHECKED FOR OPERATION, CHECKS GOOD.

1.37 ADJUSTED IDLE AND MIXTURE IAW DIAMOND DA40-180 AMM 06.02.01 SEC 73. 1.38

REMOVED RIGHT WING, RESEALED FUEL QUANTITY INDICATOR SENDER. RE-INSTALLED RIGHT WING. ADDED FUEL TO

RIGHT WING, LEAK CHECK GOOD. FUEL INDICATION NORMAL, ALL WORK PERFORMED IAW DIAMOND DA40-180 AMM 06.02.15 SEC 28-40-00.

1.39 #2 EGT INDICATION INTERMITTANT. TROUBLESHOT BY SWAPPING #2 AND #4 PROBES. FOUND BAD PROBE. INSTALLED NEW PROBE, P/N M-111 IN #4 EXHAUST, OPS CHECK GOOD. REMOVED AKC MODEL E04 AND REINSTALLED AFTER REPAIR BY ACK TECHNOLOGIES INC. 1.40

These Items Identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number R784.

Date: 3/30/2020

DATE	DAI TOI			L AIR SINCE	ENGINEERING RECORD
	HRS.	MIN,	HRS.	MIN.	NOTE: USE BOTH PAGES AND ASMANY LINES AS REQUIRED FOR COMPLETE

Burlington Air Center 703 Airport Rd. Burlington, WI, 53105

		(262) 763-9500 Fax (262) 763-2	910	
8/5/2020		N65LY	Hobbs: 893.4	Tach: 3793.4
Removed: existing King K	(1525A HSI SN) 26536.	KG102A Directional Gyro SN) 47023,	(A51B Slaving Accessory SN) 30050	, KMT112 Fluxgate SN
61905 and KC140 Autoni	ilot Computer SNI M51	185.		
installed programmed.	and tested: Serviceabl	le KC140 Autopilot Computer PN) 065	-00176-7703, SN) M5765, new Str	atus Power USB Outle
(N2 1122510.000040 SN)	067914, Daytron 655	OAT Probe, and Aspen EFD1000 E5 El	ectronic Flight Instrument PN) 910	-00101-001, 5NJ 2911
with Applog Converter II	nit PN) 910-00004-10:	1, SN) 2542, and Remote Sensor Mode	ile PN) 910-00003-002, 5N) 65 054:	Z interfaced to existin
autopilot and GPS, in as	ccordance with Stratu	is Power Installation Instructions Doc	# 600840-000041, Rev. 1.0, dated	12/15/16 and Aspe
EFD1000 E5 IM Doc# 900	-00041-001, Rev. E , da	ited Oct. 2019 per STC# SA10822SC.	and the second second second second	• • • • • • • • • • • • • • • • • • • •
Inserted: FAA Approved	AFMS for STC# SA1082	2SC Aspen Doc# 900-000 8-001 , Rev. A	H, dated 6/28/19 in Aircraπ Flight	Manuai.
Instructions for Continue	ed Airworthiness per:	Aspen Doc# 900-00012-001 , Rev. AA o	r later.	
Updated Weight & Balan	ce, and Equipment List	t, see FAA form 337 dated 8/5/2020 fo	r details. Nac Coly - and him DNI 070 212 0	with 097-909-0 tub
Repairs as listed: install	led new DIN985-1.75	nut on NLG Pivot Pin, Michelin 5.00	ented fuel level probes per IPI insti	allation report. System
fabricated angled bracke	t for Ram iPad mount,	repaired fuel probe wiring and re-calib	nated they level brobes being a man	motion report. System
ramp checked and found	satisfactory at trus till	ne.		
Leartify that the work de	scribed above has bee	en accomplished and inspected in acco	dance with current regulations and	is approved for retu
to service.		'		
to service.			1/1/21344658	
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		Burlington Air C	enter	
		703 Airport Rd. Burlington, Wl, 53		

(262) 763-9500 Fax (262) 763-2910

TTAE: 3838 9

8/5/2020	Hobbs: 893.4	N65LY	Tach: 3793,4	1TAF: 383 <u>8.9</u>
Reviewed Logi	books: found in-continuity in rec	cord keeping of Aircraft Total Time vs	Tach time and Hobbs.	
Findings as fol				
June 2001 Airc	raft New, 0.0 Tach = 0.0 TTAF			
5/4/09 Tach re	eset to 0.0 @ 2086.5 TTAF , docu	imented in log entry that date.		
10/29/10 Tach	h = 195.8, TTAF = 2282.3, Hobbs	= 2922.6 per log entry that date.		
Multiple Tach	resets and documentation error	s and discrepancies between 10/29/1	.0 and 9/6/12.	
9/6/12 Tach =	0.1 @ 3120.2 Hobbs = 2479.9 T	TAF		
5/17/19 Tach	= 1127.1, ACTUAL TTAF = 3606.	9 (TTAF Incorrectly recorded as 3561.4	4), Hobbs = 624.6	
No continuity	of times between 5/17/19 and 9	9/19/19 except Hobbs.		
9/19/19 JPI In:	stalled @ 673.8 Hobbs = 3656.1	TTAF, Tach set to 3610.6		
8/5/20 Tach =	3793.4, Hobbs = 893.4, ACTUA	L TTAF = 3838.9		
				_
I certify that th	he work described above has be	en accomplished and inspected in acc	cordance with current regulations	s and is approved for return
to service.			- TAN IA3448	
			- 12/12A3448	<i>476</i>
DEC. NO) N65LY	MIDWEST AVTECH INC	DATE	05/15/20
REG. NO	7. NOSET		74011	2600.4

	100.1101			ITACH	3699.4
. '	MAKE	DIAMOND	I.V. REGIONAL AIRPORT		3033
	MODEL	DA40	4241 ED URBAN DR.	AFTT	
•	S/N	40.045	PERU, IL 61354		
	IAW OSB 4	40-057 - INSTALL	GEAR STRUTS IAW OSB 40-025 - INSTALLED TAKE-C ED BAGGAGE EXTENSION IAW OSB 40-028 - WEIGHE	DEF MASS II	NCREASE FT; NEW
-	EMPTY W	E <u>IGHT = 1709.8</u>	NEW EMPTY WEIGHT C.G. = 96.95		

THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARS -ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE

CHARLES M STUDER Marles M Studer A&P 337545845 IA

IES. DRAW A DIA	CONAL LINE THROUG	M ANT UNUSED LINE	ES IN DATE A	AD TIME COLUMN	ia.		NU
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		Burlingto	on Air (ontor			
			Burlington, Wi,				
		(262) 763-950	00 Fax (262) 763	-2910			
8/19/2020	Hobbs: 926.4		N65LY	Tach: 3819.8	<u> </u>	TTAF:	3865.3
Oil changed this da see report for deta checked for leaks, n Removed: existing Installed: new Whe	ner and re-set NLG pivot to tet; cut open oil filter and ails. Installed new AA481 none noted at this time. Whelen A610 wing tip Na elen Orion 600 TSO'd wing nce with WAT Installation	l inspected for FOD, non L10-2 filter and filled en av/Strobe assemblies an g tip Nav/Strobe assemb	ngine with qts o id 7006205 Strob blies PN) 01-027 :	of Phillips 20W50X 0 be Power supplies 5 1759-11 (Green) SN	oil, Washed dow N) 00485 & 00475. J 480721 & PN) 01	vn engine, ran - 0271759-12 (R	up and ted) SN)
I certify that the wo	ork described above has b	peen accomplished and	inspected in acc	ordance with curre	nt regulations and	is approved for	r return
to service.				_ 7B	1		
20/20/-	-						
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	7	•	on Air (d. Burlington, W 500 Fax (262) 76	Center 1, 53105 3-2910			
9/2/2020	·	Burlingto 703 Airport R. (262) 763-95	on Air (d. Burlington, W 500 Fax (262) 76 N65LY	Center 8, 53105 3-2910 Ho	bbs: 971.2	Tach	: 3856 .5
9/2/2020 Installed, program installed E5 unit 8	nmed, and tested: Aspi PN) 910-00101-001, SN)	Burlingto 703 Airport R. (262) 763-95 en E5 Electronic Flight 29117 in accordance v	on Air (d. Burlington, W 500 Fax (262) 76 N65LY Instrument Adwith Aspen Teck	Center 8, 53105 3-2910 Ho	bbs: 971.2 nlock PN) 430-0 0	Tach	: <u>3856.5</u> reviously
9/2/2020 Installed, program installed E5 unit if SA108225C. System	nmed, and tested: Aspi PN) 910-00101-001, SN) m ramp checked and four	Burlingto 703 Airport R. (262) 763-95 en E5 Electronic Flight 29117 in accordance with the satisfactory at this time.	on Air (d. Burlington, W 500 Fax (262) 76 N65LY Instrument Adwith Aspen Tecl me.	Center 5, 53105 3-2910 Ho vanced Features U h Note Doc# TN20	bbs: 971.2 nlock PN) 430-00 19- 05 Rev. (), dat	Tach 026-001 on pr red 11/18/19 p	: <u>3856.5</u> reviously per STC#
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	DAILY TOTAL AIR TIME SINCE MFG. HRS. MIN. HRS. MIN.		SINCE	ENGINEERING RECORD		
			HRS. MIN.		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLI	
BROUGHT FORWARD				 	TON COMPL	
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N65LY	Y DA4		l 40045	9/7/20	700	
Complied	with AD 2	009-10-04	NI G Inene		20 Hobbs 987.0 Tach 3,869.9ected I.A.W. Diamond MSB 40-046/3. No	
The Aircraft	t. Airthame, Aircra FFAA and is Appe	uit Engine, Propell roved for return to	ler or Appliance for	dentified Above w	as Repaired and Inspected in Accordance with current Regulations	
	Date:_	_ <u>9/7/2020</u> Col	_Signed:	May	Colors States and RO US378	
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/15/21 <u>N</u>	I65LY				x (262) 763-2910	
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AMO 161-93

Aircraft Reg: N65LY Work Order: S0072908 Date: July 5, 2021

OMPLETE

	Manufacturer	Model	SN	
Airframe	Diamond	DA40	40.045	TTAF: 3962.9 Hrs.
Engine	Lycoming	IO-360-M1A	L-29856-51A	TSOH: 905.4 Hrs.
Prop	MT	MTV-12-B	01016	TSOH: 893.7 Hrs.

Details of work performed:

- Aircraft reassembled IAW DA 40 AMM Doc. 6.02.01 Rev. 7. following shipment to Diamond Aircraft by customer.
- 2000 hr inspection carried out IAW AMM Doc. 6.02.01 Rev. 7 Chapter 04-00-00, & Chapter 05-00-00.
- MSI inspection completed IAW AMM Doc. 6.02.01 Rev. 7 Chapter 04-00-00, & Chapter 05-00-00 (using the checklist in chapter 05-28-00) Next due at 7962.9 hrs or July 2033
- 100 hr engine inspection completed I.A.W. Lycoming MM
- Powerflow exhaust inspection carried out IAW PFS-15250-00 Rev. E. Found serviceable.
- Engine oil change completed, 8L Aeroshell 15W50 oil installed with new filter PN: CH48110-1.
- Induction air filter PN: FR-08504 replaced.
- 100 hr propeller inspection carried out IAW MT MM.
- Annual ELT inspection carried out IAW FAR 91.207. ELT PN: E-04 SN: 029242 Battery expiry Date: Sept 3, 2024.
- Annual autopilot system mechanical check carried out.
- Annual battery capacitance test carried out. Found serviceable.
- New aircraft stripe package installed.

The following discrepancies have been rectified during aircraft inspection/reassembly:

Fuselage:

- PAX window removed, polished, rebonded and sealed.
- Electric fuel pump wiring secured as required, pump drain moved to correct location.
- Secured wire harnesses under pilot/copilot seats.
- Added chafe protection to RH control stick wiring.
- Flight control bonding straps repaired/replaced as required.
- Elevator trim tab RH Outboard hinge broken. Trim tab repaired !AW DA 40 AMM Ch. 51.
- Replaced Pitot/static hoses behind I-panel and under pilot seat as required. Leak check carried out. Found serviceable.
- Replaced all elevator long rod rollers in fuselage.
- PAX door gas strut replaced with new. PN: DAI-9052-00-11.
- PAX door FWD composite hinge replaced IAW DA 40 AMM Ch. 51.
- Replaced LH/RH Aft rudder cables at this time.
- Replaced PAX door emergency handle PN: DA4-5200-71-00.
- Prop control lever in center console adjusted for proper clearance.
- Replaced fire extinguisher with new PN: A620T. MFG Date: 2021
- Instrument wire routing and connectors repaired behind I-Panel as required.
- Composite luggage compartment frame repaired IAW DA 40 AMM Ch. 51.
- Parking brake cable adjusted as required.
- Replaced SCAT hose on LH I-Panel vent.
- Glair shield wiring and connector repaired as required.
- Replaced parking brake face plate PN: D41-1133-20-21.
- Rear seat foam supports rebonded and aft seat flange repaired IAW DA 40 AMM Ch. 51.
- LH inboard rudder cable from firewall to bellcrank replaced at this time.
- Rudder Cable attaching hardware at rudder bellcrank installed incorrectly. Removed and reassembled in correct orientation. Aft cable bushings on bellcrank replaced at this time.
- Missing/Damaged placards replaced at this time IAW DA 40 AMM Ch. 11.
- Replaced RH H-stab tip static wick and base.
- PAX door aft aluminum hinge replaced.
- RH foot step painted and reinstalled with grounding tab PN: DA4-5300-00-01.
- Fuselage camlock receptacles for lower cowl replaced.
- Limitations placard for 1200 Kg MTOW PN: D41-1131-20-21_1 installed.

Wings:

- Replaced LH inboard fuel tank PN: DA4-2817-10-00_1.
- Replaced LH fuel probe PN: 3010011-WIP.
- Removed and reinstalled RH fuel probe in correct position.
- Wing root seals replaced with new.
- Replaced fuel probe and low level switch connectors in LH/RH wings.
- Replaced LH/RH wing inboard rollers for aileron/flap push rods. LH wing center roller also replaced.
- Replaced LH fuel tank quick drain PN: DA4-9028-17-01.
- Fuel tank cap hardware replaced as required.
- Fuel tank vent hoses and drain hoses replaced with new at this time.

	amond.			* *!*	
MO 161-93	AMCHAF1*			Reg: N65LY	Date: July 5, 2021
4MIO 101-33	Manufacturer	Model	K Orac	er: SO072908	
irframe	Diamond	DA40		SN 40.045	Trac. 2000 O.L.
ngine	Lycoming	IO-360-M1A		L-29856-51A	TTAF: 3962.9 Hrs. TSOH: 905.4 Hrs.
rop	MT	MTV-12-B		01016	TSOH: 905.4 Hrs.
'naine:					
appr	aced center firewall engiced with new to facilitatoved DWG # D41-5312- engine mount PN: D41-	-21-00_02 Rev.B.	SCIL. RE	5312-21-01. Stainless steel fire eplacement carried out IAW DA	ewall and heat blanket removed and 40 AMM Ch. 51 and Diamond
• Engi	ne isolation mounts and	hardware replaced	eu. With na	ew at this time	
 All er 	igine SCAT and CAT ho	oses replaced at thi	s time		
 Engir 	ne relay box start circuit	diode PN: 1N4007	and 3 a	amp fuse replaced.	
 Com 	posite engine baffle repa	aired as required (A	W DA 4	40 AMM Ch. 51.	
Throi Air in	tle cable PN: A-1550-04	I40 replaced with no	ew.		
 Air in Oil pi 	let assembly PN: D41-2 essure hose PN: D41-7	140-10-00 replaced 906-10-00 replaced	l. Lwith n	D W	
		TO TO SUPPRICE	a 7916f1 {	5W.	
anding gear: New	NLG damper assembly	installed PN: D41 3	372 20	-00 1	
 Repla 	iced NLG pivot with use	d serviceable PN: [243-20 341-321	-00_1. 23-00-31 removed from 40.577	(N634AT)
• KUN	ilig brake nose clip repi	aced.			(NO34AT).
• NLG	bonding strap PN: D4D-	2406-23-00 replace	ed with	new.	
• Repla	iced NLG stop plate PN	D41-3223-00-51			
Remo NLG	eved and reinstalled RH	brake caliper torqu	e plate	in correct orientation.	
All bra	bushings cleaned and re ake linings replaced.	ebonded into fuseia	ge IAW	DA 40 AMM Ch.51.	
Bled I	H/RH brakes.				
Bled I	-H/RH brakes.				
Bled I	.H/RH brakes. ahed and AFM section	6 updated with re	<u>vised v</u>	veight and Balance and equir	oment list:
Bled I	H/RH brakes. thed and AFM section New Empty Weight	: 780.2 kg	OR	1720.0 lbs	oment list:
Bled I	.H/RH brakes. ihed and AFM section New Empty Weight New EW C of G:	: 780.2 kg 2.446 m	OR OR	1720.0 lbs 96.29 in	oment li <u>s</u> t:
Bled I	.H/RH brakes. shed and AFM section New Empty Weight New EW C of G; New EW Moments:	2.446 m 1908.37 kg m	OR OR OR	1720.0 lbs 96.29 in 165618.8 in lbs	oment li <u>s</u> t:
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Bled rcraft re-weight Following AWD Oo. Fo	LH/RH brakes. shed and AFM section New Empty Weight New EW C of G: New EW Moments: Max. Gross Weight New Useful Load: FAA AWDs' checked 8 2009-10-04 - MSB 40 und serviceable.	780.2 kg 2.446 m 1908.37 kg m 1200 kg 419.8 kg • C/W as applicable -046/3, MSB 40-09	OR OR OR OR OR =: 1 – Dye	1720.0 lbs 96.29 in 165618.8 in-lbs 2646 lbs 926.0 lbs	ut on NLG leg PN: D41-3223-10-
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DATE	TO	TAL	TIME	L AIR SINCE FG.	ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
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	•		Dić	am	ond ———
te: July 5, 2021 Craft Total Time: 396	3 0 ha	,		A	IRCRAFT
ertify that this aircraf	t DA 40 with a	Serial Nur	nber 40.0	45 (N65L)	Y) has been
e in airworthy condition	n,		ispection)	enu was (determined to
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sinand Aircraft Work Order: S	U 072908		Date: hity 16	.2021	
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Propeller governor to	ine pitch	stop adjuste	ed one full to	าเบ ดวาพรเจ	is
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ve carried out an independent	inapportion	of the power:	Plant controls	affected by the	
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					CARRIED FORWARD

ENTA	AIRFRAME LOG STEEL	ATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	\$25-2021 AVUATUON			<u> </u>
	Reg: N65LY S/N: 40.043 Make: Diamond Model:			
7. (X.)	Hobbs: IDMAS Tach:			
<u></u>	1. Troubleshot hour meter being inoperative.			<u> </u>
·	Found fuse missing from hot buss F6. Replaced fuse, ops check good.			
<u> </u>	Cleaned dirty/corroded connections at pilot			
	and copilot reading light lamp holders.			
	Replaced broken switch at rear seat reading light		-	
	Kevin Pierron A&P 3343189IA		<u> </u>	
	-11-			
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