AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

AIRCRAFT

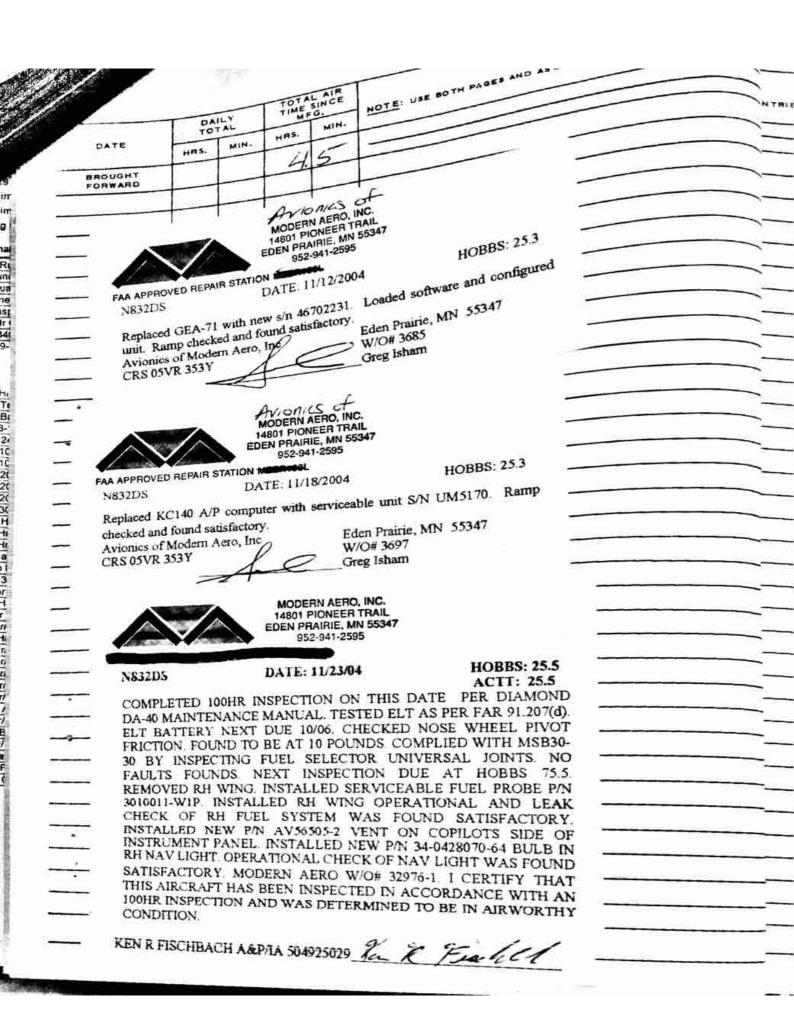
1.	Nationality and Registration	N8.32DS
2.	Manufacturer's Designation	DA40
3.	Manufacturer's Serial Number	40.432
4.	Type Approval or Specification Number	A-224/A47CE
5.	Date of Manufacture	2004
6.	Aircraft Inspection Cycle	
7.	GROSS WEIGHT	- HAX TIO. 2535#

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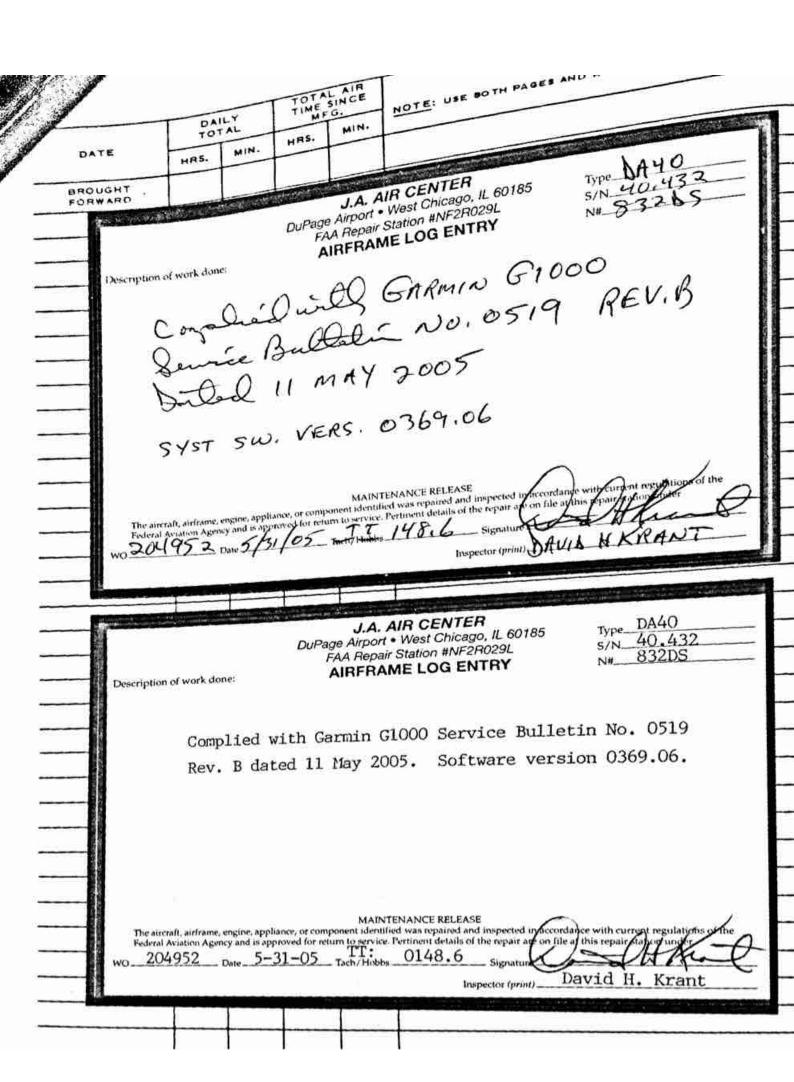
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certify that the ATC Transponder & Altitude Reporting (stem(s) have been tested in Accordance with Chapter 571, Appendix F F.A.R. 91:217: & F.A.R. 91:413. DATE INSPECTOR 26 October, 2004 H. Lewis Continuous	DATE 26 October, 2004	DUE: JANUARY 200	ER 2005 7 TOR DA
DATE INSPECTOR 26 October, 2004 Description of the Airworthiness Manual, and F.A.R. DATE INSPECTOR DATE OF THE ORDER DATE	THIS AIRCRAFT WAS	RCRAFT INDUSTRIES ED MANUFACTURER S INSPECTED FOR CONFIT RELEASED DOCUMENT. INCESSIONS) AND IS SEE	#161-93 * ORMITY TO S (DRAWINGS, RVICEABLE.
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ENGINEERING RECORD

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	MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 5534 952-941-2595		
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J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 Repair Station #NF2R029L AIRFRAME LOG Type DIAMOND STAR TT 159 N # 832DS URE REC. HR. METER S/N 40-432 MAIN TIE BUSS POPPING IN FLIGHT, BUSS VOLTS ARE ONLY 25.0 VOLTS AND AMP METER LOAD IS 52 AMPS WITH ALL SYSTEMS OFF-TROUBLESHOT THE ELECTRICAL SYSTEM. INSTALLED A LOANER BATTERY AND PROBLEM WAS CORRECTED. TESTED THE BATTERY AND FOUND TO HAVE A SHORTED CELL. REMOVED THE ORIGINAL BATTERY P/N RG24-15M, S/N 40056711 AND INSTALLED A WARRANTY REPLACEMENT BATTERY F/N RG24-15M, S/N 40080252 AND TESTED FOR PROPER OPERATION. REASSEMBLED THE AIRCRAFT. THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 14102 DATE: 3-05 P. SIGNED: BRUCE P. REBECHINE For J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 50185 F.A.A. APPROVED REPAIR STATION #NF2R029L

NTRIES.

	I A AIR CENTER	
	J.A. AIR CENTER DuPage Airport • West Chicago, IL 60185	TypeDA40
	FAA Repair Station #NF2R029L	s/N 40.432
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Date: 8/09/2005; Aircraft: N ***Airframe Work*** ID 1297 Top charge new battery operational check of aircraft distribution air vent p/n AV576 Diamond Aircraft DA 40 Service Wisconsin Aviation -	Rece, or component identified was repaired and inspected in accordance for return to service. Pertinent details of the repair free on files of the repair free on files of the repair free on files. B1-05 TT; 0148.6 Signature Dispector (print) Day Inspector (print) Day 832DS; Type: DIAMOND DA 40; S/N: 40.432; Hotel P/N RG2415M, s/n 40084488 and installed in aircelectrical and charging system, normal operation in 6505-2 in instrument panel with new. All work pertice Manual. Madison Wiso	vid H. Krant obs: 160.4; Total Time: 160.4 craft. Performed ground run and oted at this time. Replaced right formed in accordance with
Date: 8/09/2005; Aircraft: N ***Airframe Work*** ID 1297 Top charge new battery operational check of aircraft distribution air vent p/n AV576 Diamond Aircraft DA 40 Servi	Rec. or component identified was repaired and inspected in accordance for return to service. Pertinent details of the repair fre on files at 1-05. TT; O148.6 Signature on files are formed for return to service. Pertinent details of the repair fre on files at 1-05. Tach/Hobbs O148.6 Signature on files are formed for formed for files and formed for files are formed for files. Signature of files are formed for files are formed for files are formed for files and formed for files are for files are formed for files are for files are for files are formed for files are formed f	vid H. Krant obs: 160.4; Total Time: 160.4 craft. Performed ground run and oted at this time. Replaced right formed in accordance with

-	Airframe Work Replaced to Ground run for op Kevin Fenske A&P/IA 2886592 Wisconsil 3606 Cor	C*** ID 1401 urn and bank p/n 1394T100-1; ps ck good.		o.432, Hobbs: 193.3. Total Time: 193.3 ed landing light p/n 01-0770346-01with new. Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094	QUIRED FOR
	608-268-		ADD	920-261-4567	QUIRED FOR
	N832DS Removed electric	Diamond DA-40 fuel pump PN: 5100-00-9, SI	SN: 40.432 N: 5156. Installed new	v electric fuel pump PN: 5100-00-9, SN: 5950.	
	controls. Serviced repainted blade fad directives. See Be I certify this aircra airworthy condition Eric Nelson AP50	Itires. Ops checked ELT. EIces. See AD Compliance Receiver Aviation Inc, "Aircraft of that been inspected in accoon.	T battery due Oct 200 cord and Recurring Lis Inspection Report" for rdance with an annual	inspection and has been determined to be in	
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CERTIFIED ALL CERTIFIED ALL PERFORMED TACCORDANCE FRANSPONDE The aircraft and/or naintenance rules Date: 08 Jan 2007	RCRAI TRANS WITH R MOI compoi of the F	FT STA FPONE I FAR DEL: G nent ide ederal A	ATIC S DER TE 43 API	YSTEM ST REC P. F. 67×-37 ereon w Regulati	IS PER QUIREI S/N: 84 as repair	FAR 9 D BY F 47002 ed and i	1.411 (a AR 91.	413 (a)	rdance w	rith the c	current		MAK MOI S/N: #2	IND ENGLEGATION OF THE PROPERTY OF THE PROPERT	min C74A 598	

- - - - - - -	Date: 1/12/2007; Aircraft: N123TV; Type: DIAMOND DA 40; S/N: 40.432; Hobbs: 308.7; Total Time: 308.7; Engine - Type: IO-360-M1A, S/N: L-31679-51A, Time: 308.7; Prop - Type: HC-C2YR-BF, S/N: CH38378B, Time: 308.7 ***Airframe Work*** ID 2385 Completed an Annual inspection in accordance with the Diamond DA40 inspection Form and Service Completed with MSB40-033 by performing complete visual inspection of engine exhaust system; with heat Manual. Complied with MSB40-033 by performing complete visual inspection of engine exhaust system; with heat shields, no defects noted, next due 358.7 ACTT. Complied with MSB-40-044R1 by installation of muffler brace shields, no defects noted, next due 358.7 ACTT. Complied with MSB-40-044R1 by installation of muffler brace assembly kit # MSB-40-044-1. Replaced #3 cylinder exhaust stack riser p/n DA40-102, s/n RC0604774 with assembly kit # MSB-40-046 by visual and dye penetrant inspections of nose landing gear leg at nose wheel fork complied with MSB40-046 by visual and dye penetrant inspections of nose landing gear leg at nose wheel fork complied with MSB40-046 by visual and dye penetrant inspections of nose landing gear leg at nose wheel fork complied with MSB40-046 by visual and dye penetrant inspection and tested ELT in accordance with FAR pl. 207(d), no defects noted, next due 1/08. Treated aft and forward horizontal attach bracket assembly with 91.207(d), no defects noted, next due 1/2009. Ground run for ops and leak ck good. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Tim McGuire A&P 4731383921A Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003
	N123TV Diamond DA-40 SN: 40.432 6-20-2008 Hobbs: 345.3 Total: 345.3 Lubricated flight controls. Serviced battery. Inspected and operational tested ELT FAR 91.207(d). Changed left main tire (072-449-0) and tube (097-500-0.) Balance tire and wheel assembly. Repacked wheel bearings. Serviced tires. See AD Compliance Record and Recurring Listings for complete status of applicable airworthiness directives. See Beaver Aviation Inc, "Aircraft Inspection Report" for details of this inspection. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Eric Nelson AP508211046IA Beaver Aviation Inc, N6469 Hwy 26, Juneau WI 53039, 920-386-2636
	NUMBAT - 29 APRILL 6004- 12 100 PAT-ARY 100 18 FEB 2009 RG24-15

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1. UNITED STATES	2.	FAA FORM 8130-3 ORTHINESS APPROVA		EM TRACKING REG. NO:
		rtment of Transportation aviation Administration		ORDER, CONTRACT, VOICE NO:
AND ADDITIONAL WANTER AND ADDITION OF MAINTENANCE AND ADDITIONAL PROPERTY OF THE PROPERTY OF T	S # DBKR124D Inc. 3606 Corben Ct., Madison.	, WI 53704 Phone (608) 268-	5006	731
6. ITEM 7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY* 1	D. QTY. 11. SERIAL BA	TCH NO. 12. STATUS/WORK
02 GAC 74A	011-00882-0	O TBA	01 47801	198 Repaired
13. REMARKS For fermed G Limited life parts must normally b	SG-74(x) (alibro	tion proceeds	Me-Unita	rets pr.PS.
New Overhaul Certifies that the new or newly overhau specified in block 13 was (weet manufate and airworthiness regulations.) NOTE: In case of parts to be exported, have been met.	alled part(s) identified above, except as of actured in accordance with FAA appropriate special requirements of the importi	otherwise ved design with FAA airwoi approved for reti	work specified in block 13 (or thiness regulations and in resp	r attached) above was carried out in accordance ect to the work performed the part(s) is (are)
15. Signature	16. FAA Amborization	No.: 20 Authorizat	on some	21. Certificate Number:
17. Name (typed or printed):	18. Date:	22 me (typ	ed or printed)	23. Date: 7/6/10
eccentral that the user/installer ensures t	istence of this Document alone does no ance with the national regulations of an hat his her Airworthiness Authority acc	Airworthiness Authority different e epts parts components assemblies f	to install the part/component/a than the Airworthiness Authori from the Airworthiness Authori	ty of the country specified in block I it is ty of the country specified in block I.
Statements in block 14 and 19 do not co- national regulations by the under/installe	onstitute installation certification. In all	cases aircraft maintenance records	must contain an installation ce	rtification issued in accordance with the ss check eligibility with applicable technical data.

ENGINEERING RECORD

HAN A DIAGONAL	ALT	IME	TER	, STA	TIC			- 11MK	COLUM	N.S.	\$10	TAME	PIE	1	LICENC
				,	uic,	AND	TRA	NPC	NDE	RCE	PTIE	1000			NUMBER
Wisconsin Aviatio	m Inc					N	123T	<u>v</u> 5	тву		ACT IP	ICA	LE	10	
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- Test Alt. x 1k Ft	-1	0	.5	1	1.5	2	T ₃	T				-	60	8-268-	5006
Tol. <u>+</u> Ft.	20	20	20	20	25			4	6	8	10	12	14	16	18
Actual ± Ft.	+10	-10	0	0	+10	30 +5	30	35	40	60	80	90	100	110	120
Test Alt. x 1k Ft.	20	22	25	30	35	40	45	0	-10 Case	-15	-20 Hyster	-20	-20	-30	-25
Tol. ± Ft.	130	140	155	180	205	230	255	260	Tol.	OK	Tol+		-1	LTIME	
Actual ± Ft.	-15	x	х	x	х	х	x	X	Temp	25	Max 40% Max	+15	MAKE MODE S/N: 4	1.: 593	34PD-3
TRANSPONDE The aircraft and/maintenance rule	R MA or comp	DER SY KE: (onent i Federal	YSTEM GARM dentifie I Aviati	PER FA IN d hereon on Regu	MODE was re	P. F.	X-33	S/I	N: 8470(340			#2 TI MAKI MODI	RANSI E: X	C-74A
TRANSPONDE The aircraft and/emaintenance rule: Date: 7-7-10 V	NSPONI R MA or comp s of the l	DER SY KE: (onent i Federal	VSTEM GARM dentifie I Aviatio	PER FA IN d hereor on Regu Signer	MODE was relations a	P. F. L: GT. paired a and is ai	X-33 and insprworthy	S/I pected in y and ap	N: 8470(accorda proved f	0340 nce wit or retu	h the current to ser	rrent vice.	#2 TI MAKI MODI S/N: 3	RANSI E: X	XC-74A 98
TRANSPONDE The aircraft and/emaintenance rule	NSPONI R MA or comp s of the I V.O.: A O; Aircra 2-360-M ed with A Prop g S840-0: cordance ie 3/201 cables It this air ondition. A Viatio	KE: (onent i Federal AV10-9 aft: N1: M1A, Si ual insp AD 09- overno 33 Exh e with 16. Re p/n CS craft h	GARM dentifie I Aviatio 731 23TV; 7 N: L-3* pection 10-04 N r p/n insaust Sy FAR 91 placed KIT-04 as been	PER FA IN d hereor on Regu Signer Signer Type: DI. 1679-51. In accorn Nose Ge stalled is retem In 207(d) standby with ne in inspec	MODE Mode	P. F. L: GT. paired a und is air D DA 40: 355.9 with the ection by 76 and in by visite to the coordance of coordance o	X-33 and inspresently S. M. 4 Prop - Diamon y visual s/n inst ual insp ual insp tated, nex 11-2560 Gascola nce with	s/nected in and appropriate the section of the sect	Hobbs: 3 HC-C2Y aft DA40 tion, no c 00209. no defec 8/2011. with nev	Inspectors of the Replace V. Next RO373 ection	Total Tin solve tion For noted. Inspect of ELT due 8/2 with ne and was iation	me: 355 383788 m and AD 10- not affe ected a battery 012. w.	MODE S/N: 4 #2 TH MAKI MODE S/N: 3 Service 13-10 ected. and	RANSH E: X	XC-74A 98

DATE		TOTAL		FG.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR	
	HRS.	MIN.	HRS.	MIN.		_
Engine - T	5/2011, Airo	raft: N123 -M1A, S/N	TV; Type: :: L-31679	DIAMONE 51A, Time	DDA 40; S/N: 40.432; Hobbs: 383.9; Total Time: 383.9; a: 383.9; Prop - Type: HC-C2YR-BF, S/N: CH38378B, Time:	NTF
AD 11-15- the AD C 070-KIT in Compiled tested ELT	pleted an An 10 (8/16/11) emplied with accordance with MSB 41 F in accordan	Fuel serving AD	o inspection 0-25-01 (1 uction in M aust Syste AR 91-207	711/11) Re SB 40-070 m Inspecti (d), no def	with FAR 43, Appendix D. icable by no fuel servo replacement during times specified in ear Passenger Door Retaining Bracket by installing MSB-40- i/1dated 1/17/11. Flight Manual Supplement in Flight Manual. on by visual inspection, no defects noted. Inspected and fects noted, next due 10/2012. ELT battery due 3/2016. pleted new compass card. Replaced left and right brake duct p/n SCAT 10 with new. Ground runs for operational	
and leak of		aircraft ha	s been ins	pected in a	ccordance with an Annual Inspection and was determined to	
Doug Seib A&P38975 Wiscon 3606 C — Madiso	el (Jul J tion - M ourt		765055	Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567	ē
1123TV	 Diamond	DA-40	1	 SN: 40.43		-
0-9-2015	Hobbs: 3			Total: 369		_
					LT in accordance with FAR 91.207d. ELT battery due March	=
016. Inspected						
ee AD Complia	nce Record	d and Re	curring L	istings for	r complete status of applicable airworthiness directives.	_
				-	for details of this inspection.	
		en inspec	ted in acc	cordance	with an annual inspection and was determined to be in	
irworthy condit		3/	ul			
eric Nelson AP3			m			Т
seaver Aviation	Inc. No40	9 Hwy 2	6, Juneau	1 W1 530 L	39, 920-386-2636	7
12 12	11.11	.,.				-
13-17	Habb!	:40	5.6		This airciote has been inspected	-
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					with Special Flight Permit datel 3-9-2017. FML AP3455954	
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