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1. Nationality and Registration

2. Manufacturer's Designation

Manufacturer's Serial Number

Type Approval or Specification Number

5. Date of Manufacture

6. Aircraft Inspection Cycle

A-191/TA4CH 1995

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ENGINEERING RECORD

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Nick Remer, A&P560607301 TACH: /C. 4/ C HOBBS: REG: 7/6 L G DATE 9-18-98.	
Suchanan Field Airport LOGBOOK ENTRY	101 JOHN GLENN DRIVE, HANGAR 2 CONCORD, CA. 94520-5615 T. (925) 676-2100 F. (925) 676-5580
Reference Season Francis From ADVISTO ON CONER TO FIT CONVINS RELIEVE MONTHS RELIEVED FOR RETIES. MICHIGAN PROJECT A pur on to sea of francis, his From Test File AND FORDE TEMPORAL OF ON NORMA. OF ON NORMA. OF ON NORMA. OF ON NORMA.	CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW— ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED HALL LAUGH DATE 12-2-98 TOTAL TUNE SINCE MAN HARLAN L HILL, IA1365602 TACH: \$38.0 HOBBS: REG # N 71646
101 JOHN GLENN DRIVE, HANGAR 2 CONCORD CA 94520 T. (925) 676:2100 F. (926) 676-5580 Tach:	8uchanan Field Airport LOGBOOK ENTRY Concord, CA. 94520 MAINTENANCE T:(925) 676-2580 Date: 3 /8 - 9-9 F:(925) 676-5580
CERTIFY THAT THIS AMPRAME HAS BEEN INSPECTED LAW 50 V.O.F. 23022 Reg. IN 7/61.6 Hobbs: 100 HOUR IN PREFECTION AND WAS DETERMINED TO BE IN ABBUORTHY, CONDITION.	IAW DA 20 MAINT MANUAL
Such Remer, A&P560507301 TACH 3.53 HOBBS. REG. L17/61.C DATE 1/-1/-98 Such Remer, A&P560507301 STERLING Concord, CA. 94520 Fax(510) 676-5580	C/W 5B D420-5302 A
Learlify that the ELT has been inspected in accordance with the requirements of FAR Section 51,201(c), and was found to be in satisfactory condition. ELT pin FAR. The Condition of FAR Section 51,201(c), and was found to be in satisfactory foundation. ELT pin FAR Section 51,201(c), and the satisfactory foundation of far Section 61,001(c), and the satisfactory foundation of far Section 61,001(c), and far Section 61,001(c), a	Signed: Nuch Pune TTSN 12.83 Nick Remer, A&P 560607301 W.O.B. ZSY 4.7.Z. Reg. #N. 71646 & Hobbs: /6174
CARRIED FORWARD	

CARRIED FORWARD

DAILY TOTAL AIR TIME SINCE			
DATE TOTAL MESTICE MESTICE MATERIAL MOTE: UNI	ENGINEERING RECORD E BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	INSPECTION, REPAIRS & REPL ENTRIES, DRAW & DIAGONAL LINE THROUGH ANY UNUSED	LINES IN DATE AND TIME POLITICAL SIGNATURE NUMBER
BROUGHT FORWARD BUCLLOAN FILLT AIRPORT STERLING CONCEED, CA. 44(26.56) THE CHIEF AIRPORT CORP. 1946-5100 THE CHIEF AIRPORT CORP. 1 WORKSHALL FAR AIRPORT STATEM CORT. 1 WORKSHALL	101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580	STERLING HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580	101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T. 925-676-2100 F. 925-676-5580
AUTHORITY TO SO DEPTOD TO SELECT SOLUTION TO SELECT SELECT SOLUTION TO SELECT	Install fuel filler cap do C31 - and face plate No 20-7200 CC.	fectioned 200ha inspection TAIN teatron ministering manying and their all flight mittel, it attains and that the Replaced Regards installed one religion of 2 custodes and this time.	Katama maintanent munuale Replaced Noth men tige tuteg and dick Ground checked for any and floore apprentian, organ which along
	For Further details, see W/GH Z8600 The convocate identified show one regard and separated INV Texture Nation Regulators and were transported to an according singles by two of singles. In our configuration of the Company of the Com	Por Further details, see W/OH 2004 On Repairment and uncount UNF Februar Repairment and uncount UNF Repairment and uncount UNF Repairment and uncount UNF Repairment and uncountered Repai	For Further details, see w/o# 2008 To suppose the day with a pose of the form of the sea of the se
Dote 4-29-97 A/C Time 5-2-3 Settlery Due 3/2 W/O s (/25) Licentify that the ELT has been inspected in accordance with the requirements of AAR section 91 207 (d) and was found to be in satisfactory condition. Signed Pay 1 Pacific States Aviation. Inc. CPFR 948C	101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580	101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580 Redger grap garries control cable.	101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T. 925-676-2100 F. 925-676-5580 Replaced Conson agency with must deplaced broke fock with must got 166- 10-680 Replaced book in left fractic agency for realizing fatters, hiphand was got 166- 10-680 Replaced book in left fractic agency to take a microstomy sort tage, as microstomy END
CONCORD CA 94520 5615 T. 925-676-2100 F. 925-676-5580 Intellied new gudder gother called	Reprosed 100 he inspection fixed between manual reproduction of the colper and accorded at colper terrorist funds 1000	with red the	For Further details, see W/o# 20173 The congruent limited does not regard and impacted LNF Federal Visition Engineers and sum final to it in an accomplishing to the Conference of the Conferenc
For Further details, see w/oll 28554 For Further	For Further details, see W/OH 28768 The asspector handled drive was regard and superiod UN Period Nutries Prophisms and war house he as according supplies of surgice and superiod UN Period Nutries Prophisms and war house he as according supplies of surgice and surgices are surgices and surgices are surgices and surgices are surgices and surgices and surgices are surgices and surgices are surgices and surgices are surg	For Further details, see W/0# 2809 The companies desirable how then greened and impossible that Minima Replacement and territorial Suppose Michael Felder Disco 214-9188 71646 Nick Remer, ARP 56660 181 Tash 700 28 178N 1880	IOI JOHN GLENN DRIVE, HANGAR 2 CONCORD, CA, 9820-8615 T. (925) 676-2100 F (925) 676-5580 TACH JUNE THIS AIRRAME HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION DATE: 3-11-00 TACH J. 3-9 1 HOBBS J. 6850 REG. N. TILLES

	all and the second				
Advanced Aviation		1			
5 Aero Plaza	COMPLETE	-	INSPECTION, REPAIRS & REPLACEMENT		LICENCE
New Century, Kansas 66031	-		ENTRIES, DRAW & DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	NUMBER
FOI Date: 4/25/01 N716LG S/N: 10096 Tach: 761.4 TT Airframe: 1603.3					
Completed Annual Inspection in accordance with FAR 43 appendix(d) using Diamond DA20-A1 inspection checklist as a guide only. Lubricated aircraft in accordance with Diamonds maintenance manual. Removed			that the Altimeter and Static System Test and Inspection required by FAR 91.411 have been a graph (a) and (b) Appendix E FAR 43.		
battery, checked and serviced. Repacked all wheel bearings. Checked ELT as per FAR 91.207(d)no			T IN THE		
defects found. Replaced ELT battery-new ELT battery due date 02/03. Replaced nose gear donuts.		-	N/A Model N/A Tested To N/A Feet		
Replaced nose steering bushings. Checked AD's to this date. I certify that this aircraft has been inspected in accordance with an Annual inspection and was			Model N/A		
determined to be in airworthy condition.			Tested To N/A Feet Annuale Reporting System Tested To N/A Feet		
			Pir Paragraph (c) Appendix E FAR 43		VICE CO.
John D. Cochrane AP489862368IA	-		turnify the ATC Transponder Test and inspection required by FAR 91 413 were performed the and found to comply with FAR 43 Appendix F.		
- Quill D. Cochiane Ar4650023001A		-	91 Make King Model KT-76		
		-	02 Make N/A Model N/A Details are on file at Island Avronica Repair Success POS N/AX		
Advanced Aviation			W O# 120 Date February 14, 2003		
5 Aero Plaza	-		This to dentify that the Correspondence Test was performed. The Altitude Reporting System tested to		
New Century, Kansas 66031 913-768-1500			N/A Foot per paragraph C Appendix E FAR 43.		
Date: 6-4-02 N716LG S/N: 10096 Tach: 772.6 TT Airframe: 1614.5		2	- 300 84t - Roman 14,2003 47494878586		
Completed Annual Inspection in accordance with FAR 43 appendix(d) using Diamond DA20-A1 inspection		1	2 The season of the speciment HT TV 0705 86		
 checklist as a guide only. Lubricated aircraft in accordance with Dimonds maintenance manual. Removed battery, checked and serviced. Repacked all wheel bearings. Checked ELT as per FAR 91,207(d). ELT 			The aircraft, airframe, aircraft engine respective or appliance identified above was repaired	**************************************	RESTION CARD
battery due date 02/03. Replaced lower rudder bracket installed new bushings on nose wheel pant.			and inspected in accordance with one or large serves of the Federal Assation Agency and is approved for return to service.	TACH SUILE W	112-5240B
Checked AD's to this date				Serial No. 16	142
I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.					270
			Partition Cauchs of the repair see on the color of our color under Color Sci. (20)	Power Setting	Indication (
- Horph J. 10m Guh		-		500 RPM S	20-1
JesephyF. Tomczuk A&P500586930IA			See also of Authorized Programmatics and 14, 2003	1000 RPM 1500 RPM 150	5K
Advanced			AP12/24586	2000 RPM (2	000
Aniating			Total Assonics Repair Statistic 1958 114	2500 RPM @	2500
5 Aero Plaza, P.O. Box 25			Total Island, S.C. 2003	3000 RPM 3	1021
New Century, KS 66021 Airframe			The state of the same of the s	3500 RFM	5 1/15/01
		-		inspectorC	Date
Diamond N716LG sin 19096 Date: January 2 2003 Total time: 1614.8 Tuch time: 772.9 Hobbs time: 2604.6 SMOH: 665.5	THE STATE OF THE S	-	Diamond Aircraft CA20 At Voters City topog to		1
1800 time: 2004.0 SMOH: 6055		- 1	Diamond Aircraft DA20-A1 Katana—S/N 10096, Manufactured 1 Date—05-05-03 Tach Time—0.0 Total Time in Service—1669.6 Adjustment	1995	
Inspected aircraft in accordance with FAR 43 appendix D for an Annual Inspection. Using Diamond DA20-A1	THE PERSON NAMED IN	, jer	The following work was performed:	-+1009.0	
inspection checklist as a guide only. Lubricated all controls and rod ends, and wheel bearings. Charged and		T	Removed tachometer, P/N D1-112-5240, S/N 1067, due to failure of unit. (NOTE: Failure	-
serviced battery. C/W FAR 91.207(d) ELT inspection, ELT battery next due @ January 2005. Filed nicks from		-44	occurred in-flight, and aircraft was flown for 0.9 hours prior to tachometer chi	ange. Time in	1
prop. AB compliance checked thru revision 2002-26F. Non due at this time.			Service adjusted to reflect this variation.)		
I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.		-01	 Installed tachometer new unit, P/N D1-1123-5240, S/N 1642. Operational satisfactory. 	check proved	
		24	Serviced brakes with fluid, Mil. Spec. 5606.		
Thurst Eligis			Next inspection (Annual) is due at 01/04. I certify that this aircraft is in airworthy	condition and	-
Edward P. Gagné AP26908551A			approve it for return to service.		
	Many Section 1		Keoki Gray A&P 576766876	A	
			- 4011 148		
		1000			
		-	AIRFRAME LOG N716LG		
		0	May 30, 2003 >TACH_4159.8	Barrier States	
	a	No. of Street	J&S AVIATION SERVICES WO: S03-05-36		
			Nose tire flat - Installed new nose tire P/N 504C61-2 and tube P/N 302-005-300 - Made		
		-	fiberglass repair to nose wheel boot - Run up and taxi check ok.	Ol-	The same
CARRIED FORWARD			Christopher J	lue -	
			A&P 231396	61 IA	

ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE HRS. MIN. Diamond Aircraft DA20-A1 Katana—S/N 10096, Manufactured 1995 Date—02-20-04 Tach Time—17.7 Total Time in Service—1687.3 Adjustment—+1669.6 This airframe has received an Annual Inspection I.A.W the Diamond Aircraft Factory 200-hour Inspection maintenance checklists. The following work was performed: All inspection panels removed and airframe inspected for condition. All control cables and run inspected for condition. All pulleys, bearings and rod ends were lubricated. All pulleys were rotated. All surfaces inspected for condition. Controls inspected and hinges lubricated. All electrical equipment checked for proper function. Wheels, bearings/races and brake discs/linings inspected for condition. Bearings re-packed Replaced both main tires due to wear, with new, P/N McCreary Aero Trac 6-ply 5,00 x 5 tires. . Brake system inspected. Brake fluid serviced with 5606 hydraulic fluid. Battery removed, serviced and re-installed. ELT checked I.A.W. FAR 91.207 (d). Battery due at 01-05. The following ADs apply to this aircraft and have been complied with as noted:
AD 96-09-05 Alleron Blockage P.C.W. (Next due at—N/A) (Next due at-N/A) AD97-13-02Rudder Pedal Jamming P.C.W. (Next due at-N/A) Operational check proved satisfactory. Next inspection (Annual) is due at 02/05. I certify that this aircraft is in airworthy condition and approve it for return to service. Keoki Gray A&P 576766876 IA Diamond Aircraft DA20-A1 Katana—S/N 10096, Manufactured 1995
Date—03-06-04 Tach Time—17.9 Total Time in Service—1687.5 Adjustment—+1669.6 The following work was performed. Replaced left gear-leg brake line with new, P/N 20-3240-20-02, due to leakage/unauthorized Brake fluid serviced with Aeroshell Fluid 31 high-temperature hydraulic fluid. i certify that this aircraft is in airworthy condition and approve it for return to service.

Keoki Gray

A&P 576766876 IA

Linden Airport, Linden NJ (732) 213-1872

Reg: N716LG Date: 05/07/08 Mfg: Diamond Katana DA20

S/N 10096

Tach: 103 4

TTAF: 1773

I certify that this Airframe was inspected using the scope and detail of F.A.R. Part 43 appendix D. All work was performed using Katana Service Manual. Opened all panels and removed interiors. Disassembled Cleaned and Replaced both MLG brake lining and brake rotors p/n 66-106 & 164-01700. Packed MLG wheel bearing with aero shell #22. Replaced Packing Rt. brake caliper serviced and bled both brakes. Serviced brake reservoir with 5606. Replaced both MLG tires and tubes p/n 500-5-6 Air Hawk p/n tube 500-5-st XA1AC.Installed new ELT battery p/n GS-52. Performed test of E.L.T., Battery due @ April. 2010. Replaced propeller cable and rigged Closed all panels and installed interior. Replaced leaking diaphragm in magnetic compass and serviced with fluid. Replaced Aircraft Battery Yuasa 12V p/n 32-355 or Y50N18L-A-CX. Shipped audio panel, #1 VHF nav/com, and Transponder to Three Crowns Avionics for repair, Certification and AD compliance. Intercom shipped to PS Engineering for repair. Installed and tested #1 radios, Transponder, audio panel and intercom.

I certify that this Airframe was Inspected I.A.W. a 100Hr and was determined to be Airworthy Condition

Tom Madden A&P 3046975

I certify that this Airframe was Inspected I.A.W. an Annual inspection & was determined to be Airworthy

Tom G. Stalford A&P 521806343 I.A. Tom & Kelfol

A.O.G. Aircraft Services Linden Airport, Linden NJ (732) 213-1872

Reg: N716LG Date: 07/27/08 Mfg Diamond Katana DA20 Tach: 106.4

S/N 10096 TTAF: 1776.0

Removed tach and shipped Mitchell Aircraft Products Inc for O/H. P/N D1-112-5240B

Re-installed tach and tested. Removed number two radio, Bendix/King KLX-135A GPS / COM S/N 5449 and shipped overnight to Three Crowns Avionics for repair. Re-Installed and tested

Thomas Madde All 5046975

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMN S/N 10096 Mfg: Diamond Katana DA20 Reg: N716LG TTAF: 1852.5 Tach: 182.9 Date: 09/8/10 Date: 99/8/10

I certify that this <u>Airframe</u> was inspected using the scope and detail of F.A.R. Part 43 appendix D. Opened all panels and removed interiors. Serviced brake reservoir with 5606, Replaced ELT battery p/n GS-52 Performed test of E.L.T. IAW FAR 91.207, ELT Battery next due @ Sept 2012. Replaced nose wheel pivot fork bushing p/n 20-3220-01-05 and new hardware. Adjusted for lateral 6 to 11 foot pounds, performed fiber glass repair to both nose wheel fairing halves, sealed painted and relocated holes. Rebuilt Rt. Brake caliper and bleed brakes with 5606 Removed battery and charged to full. Cleaned K&N engine air filter and oil with approved oil. Inspected check electric fuel pump screen and cleaned magnet. Repair canopy lock. AD 2010-17-08 engine fuel and control N/A due to S/B912-53 s/n of engine installed and p/n of fuel pump. AD 2002-16-26 Crankcase leak C/W by inspection next due 100hr or annual. AD 2005-01-14 next due if oil system open or prop turned backwards Run-up and leak test Satisfactory. I certify that this Airframe was Inspected I.A.W. a 100Hr and was determined to be Airworthy Condition Tom Madden A&P 3046975

I certify that this Airframe was Inspected I.A.W. an Annual inspection & was determined to be Airworthy Tom G. Stalford A&P 521806343 I.A. Tom & Stalford 1/5/2012 TT 1864 7 Tach: 195.1 Diamond Katana DA20 sn 10096 Diamiolis Rastanta DAZOS in 100000
Inspected arreaft in accordance with FAR 43 appendix D
ELT tested /imspected IA/W FAR 91.2074 Batteries expire Sept. 2012
"Diamiond Inspection Checkitis DAZO-A1" used is a guide. See sheets this date.
Replaced pitof's sade midder peddle position cable.
Replaced pitof sade midder peddle position cable.
Replaced pitof sade midder peddle position cable.
Replaced wing tipe. Replaced glare shield to inst panel strip.
Remounted nose tire tube so it could be inflated.
Adjusted transponder transmit freq. (not certified—due now)
See log for AD compliance. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in air worthy condition.
Marty Bulk Martin Balk 2745004 A & P I.A. I certify that the following tests were performed by Avionics One, Inc. Repair Station 8 XIVENSSN, In accordance with FAR Part 91 Appendix E. & F. Date 24 APRI 34 Work Order # 4254 Aircraft Tail E. N. 716 FG. Aircraft Male DA 20 SN 10090 Transponder Make FLICE Model DA 20 SN 10090 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Make FLICE Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Model & 776 NN 10258 Z. Performat by 10000 Transponder Mod

Reg. N 716LG Mfg: Diamond Katana DA20 Tach: 144.3 Reg: N716LG Mfg: Diamond Katana DA20 Tach: 144.3 Tach: 145.3 Tach: 144.3 Tach: 1			IN. HRE.			-
The Bendix //Sing Transponder NT-760 PM, 066-1062 SN 10-2502. complies with the 80-98-14-03. FR8 Repair Station #TIXE034 Betherized Signature Reg. NT/6 LG Type: DA 20-21 Tach: 01-28, 3 Date 31-10-08Model KT-7CA S/N 10-25-02 The Transponder was tested in accordance with Part 43 Appendix F for compliance with FAR 91.433 this date. FAA Repair Station # TXXB0144 Authorized Signature: FAA Repair Station # TXXB0144 Authorized Signature: Learlify that this Airframe was inspected using the scope and detail of F.A.R. Part 43 appendix D. All work was performed using Katana Service Manual Opened all panels and removed interiors. Serviced brake reservoir with 5606. Performed test of E.L.T., Battery due @ April. 2010. Replaced two radiator vibration mounts Diamond p/n 316-073. Replaced cowling to radiator seal glued with 1300L. Cleaned battery terminals. Preped and panted upper fuselage, wings, whele pants and tail surfaces with a single stage polyurethane Glacier White code mitkagnisc. Replaced wing root tape Diamond p/n 481-1-1-2. Re-Glued side wall carpeting both sides top with 1300L. Installed O/H Hoffman propeller habs in H401 Blade SN 14499B/E and 14506B/E cleaned corrosion from control rod ends and treated with corrosion X Check all controls for travel to stops. Learlify that this Airframe was Inspected LA.W. a 100Hr and was determined to be Airworthy Condition Tom Madden A&P 3046975 Learlify that this Airframe was Inspected LA.W. an Annual inspection & was determined to be Airworthy	FORWARD		Reg. # N 710	LG Model: DA 2c-ZIS/N 10	2006	
Reg: N716LG Mfg: Diamond Katana DA20 Reg: N716LG Mfg: Diamond Katana DA20 S/N 10096 TTAF: 1813.9 I certify that this Airframe was inspected using the scope and detail of F.A.R. Part 43 appendix D. All work was performed using Katana Service Manual. Opened all panels and renoved interiors. Serviced brake reservoir with 5606. Performed test of E.L.T., Battery due (a) April. 2010. Replaced two radiator vibration mounts Diamond prin 316-073. Replaced cowling to radiator seal glued with 1300L. Cleaned battery terminals. Preped and painted upper Research and principles of the policy			Date Checked:	11-10-08		
Reg. N716LG Date: 10 OEModel K T-7CA S/N 10 25 @ 2 The Transponder was tested in accordance with Part 43 Appendix F for compliance with FAR 91.413 this date. FAA Repair Station # TXXB014L Authorized Signature: Authorized Sign			The Bendix/Ki	ing Transponder KT-76A P/N. 066	-1062- 4-03.	
Reg. N.716.LG Date 31 10 0 0 0 Mg; Diamond Katana DA20 Reg. N.716.LG Mg; Diamond Katana DA20 Reg. N.716.LG Mg; Diamond Katana DA20 S/N 10096 TAF: 1813.9 Reg. N.716.LG Mg; Diamond Katana DA20 S/N 10096 Tach: 144.3 TTAF: 1813.9 Lertify that this Airframe was inspected using the scope and detail of F.A. R. Part 43 appendix D. All work was performed using Katana Service Manual. Opened all panels and removed interiors. Serviced brake reservoir with 5606. Performed test of E.L.T., Battery due @ April. 2010. Replaced two radiator vibration mounts Diamond p/n 316-073. Replaced cowling to radiator seal glued with 1300L. Cleaned battery terminals. Preped and panted upper fuselage, wings, whele pants and tail surfaces with a single stage polyurethane Glacier White code mikagnisc. Replaced wing root tape Diamond p/n 4811-1-1-2. Re-Glued side wall carpeting both sides top with 1300L. Installed O/H Hoffman propeller habs sin H401 Blade S/N 14499B/E and 14506B/E. Cleaned corrosion from control rod ends and treated with corrosion X. Check all controls for travel to stops. Lertify that this Airframe was Inspected LA.W. a 100Hr and was determined to be Airworthy Condition Tom Madden A&P 3046975				* 17		
Date 31-10 OEModel & T-7CA S/N 10-25@2 The Transponder was tested in accordance with Part 43 Appendix F for compliance with FAR 91.43 this date. FAA Repair Station # TXXB014L/ Authorized Signature: Authorized Signature: FAR Repair Station # TXXB014L/ Authorized Signature: Authorized Signature: Tach: 144.3 TTAF: 1813.9 Lectify that this Airframe was inspected using the scope and detail of F.A. R. Part 43 appendix D. All work was performed using Katana Service Manual Opened all panels and removed interiors. Serviced brake reservoir with 5606. Performed test of E.L.T., Battery due @ April. 2010. Replaced two radiator vibration mounts Diamond p/n 316-073. Replaced cowling to radiator seal glued with 1300L. Cleaned battery terminals. Preped and panted upper fuselage, wings, whele pants and tail surfaces with a single stage polyurethane Glacier White code mikagnisc. Replaced wing root tape Diamond p/n 4811-1-1-2. Re-Glued side wall carpeting both sides top with 1300L. Installed O/H Hoffman propeller halbs in H401 Blade S/N 14499B/E and 14506B/E. Cleaned corrosion from control rod ends and treated with corrosion X Check all controls for travel to stops. Lectify that this Airframe was Inspected LA.W. a 100Hr and was determined to be Airworthy Condition Tom Madden A&P 3046975				11111		
Date 31-10 OEModel KT-7CA S/N 10 25@2 The Transponder was tested in accordance with Part 43 Appendix F for complaince with FAR 91.413 this date. FAA Repair Sanion # TXXB014L/ Authorized Signature: Authorized Signature: Authorized Signature: FAR Repair Sanion # TXXB014L/ Authorized Signature: Authorized Signature: Authorized Signature: FAR Repair Sanion # TXXB014L/ Authorized Signature: Authorized Signature: FAR Repair Sanion # TXXB014L/ Authorized Signature: Authorized Signature: FAR Repair Sanion # TXXB014L/ Authorized Signature: Authorized Signature: FAR Repair Sanion # TXXB014L/ Authorized S		-	1 1	-		
The Transponder was tested in accordance with Part 43 Appendix F for compliance with FAR 91.413 this date. FAA Repair Station # TXXB0141 Authorized Signature: Authorized Signature: FAB Repair Station # TXXB0141 Authorized Signature: FAB PAR PAR 143 appendix D. All work was performed using Katana Service Manual Opened all panels and removed interiors. Serviced brake reservoir with 5606. Performed test of E.L.T., Battery due @ April. 2010. Replaced two radiator vibration mounts Diamond p/n 316-073. Replaced cowling to radiator seal glued with 1300L.Cleaned battery terminals. Preped and panted upper fuselage, wings, wheel pants and tail surfaces with a single stage polyurethane Glacier White code mitkagnisc. Replaced wing root tape Diamond p/n 4811-1-1-2. Re-Glued side wall carpeting both sides top with 1300L. Installed O/H Hoffman propeller habs s/n H401 Blade S/N 14499B/E and 14506B/E. Cleaned corrosion from control rod ends and treated with corrosion X Check all controls for travel to stops. Leartify that this Airframe was Inspected LA.W. a 100Hr and was determined to be Airworthy Condition Tom Madden A&P 3046975 Leartify that this Airframe was Inspected LA.W. an Annual inspection & was determined to be Airworthy			Reg NTIC	LG Type: DA 20-21 Tach: C	128.3	7 797
Appendix F for compliance with FAR 91,413 this date. FAA Repair Station # TXXR0141 Authorized Signature. Author			Date 11-10	08Model KT-764 S/N 1	0 2582	
Authorized Signature: June 162 SIN 10096 Reg: N716LG Mfg: Diamond Katana DA20 SIN 10096 Date: 08/24/09 Tach: 144.3 TTAF: 1813.9 Lecrify that this Airframe was inspected using the scope and detail of F.A.R. Part 43 appendix D. All work was performed using Katana Service Manual. Opened all panels and removed interiors. Serviced brake reservoir with 5606. Performed test of E.L.T., Battery due @ April. 2010. Replaced two radiator vibration mounts Diamond pin 316-073. Replaced cowling to radiator seal glued with 1300L. Cleaned battery terminals. Preped and panted upper fuselage, wings, wheel pants and tail surfaces with a single stage polyurethane Glacier White code mitkagnisc. Replaced wing root tape Diamond pin 4811-1-1-2. Re-Glued side wall carpeting both sides top with 1300L. Installed O/H Hoffman propeller habbs/n H401 Blade S/N 14499B/E and 14506B/E. Cleaned corrosion from control rod ends and treated with corrosion X Check all controls for travel to stops. Lecrify that this Airframe was Inspected LA.W. a 100Hr and was determined to be Airworthy Condition Tom Madden A&P 3046975						
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TOM G. Stanord Act. 321800343 LA. 1811 & Maffat	Date: 08/24/05 I certify that this Performed using Performed test of 073. Replaced of wings, wheel pa tape Diamond p hub sin H401 B Check all contre I certify that this Tom Madden i	S Airframe g Katana Se of E.L.T., I owling to re ants and tail of 4811-1-1 lade S/N 14 ols for trave s Airframe A&P 3046	Tach: 1 was inspected ervice Manual Battery due @ addator seal gli surfaces with 1-2.Re-Glued 4499B/E and 1 et to stops. was Inspected 975	l using the scope and detail of Opened all panels and remo e April. 2010. Replaced two ued with 1300L. Cleaned batt a single stage polyurchane is side wall carpeting both side 4506B/E. Cleaned corrosion	F.A.R. Part 43 appendix D. All work was wed interiors. Serviced brake reservoir with 56 radiator vibration mounts Diamond p/n 316-roy terminals. Preped and painted upper fuselagilacier White code mikagmise. Replaced wing top with 1300L. Installed O/H Hoffman proper from control rod ends and treated with corrosi termined to be Airworthy Condition	root
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CARRIED FORWARD

DATE	TO	TOTAL TOTAL AT		SINCE	ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE		-				
	HRS.	MIN.	HRS. MIN.		AUTE OF BUILDING	W (0				
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		Diamond Katana DA20 sn 10096 Inspected arroraft in accordance with FAR 43 appendix D Inspected arroraft in accordance with FAR 43 appendix D									
		Replaced ELT battery and textor /mspector 27									
	+	MAY 2	ond Inspe	ction Chec	klist DA20-A1" used as a guide. See sheets this date	-	-				
	-	Ler	tify tha	t this a	ircraft has been inspected in accordance	-	-				
	-	with	an Anı	ual ins	pection and was determined to be in air	-	-				
		wort	hy cond	lition.	mut Ball						
		Mart	in Balk	27450	04 A & P I.A.						
				END							
		0/2014	TTAF:	1876.6	Tach: 207.1						
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	Repl	aced ELT	bettery a	nd tested	Amspected the Williams						
Take Object			ic fuel pu	mp and ch	ecked screen. A20-A1" used as a guide. See sheets this date.						
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FF-19-29-19-19-19-19-19-19-19-19-19-19-19-19-19					on and was determined to be in air		-				
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N716LG, Diamond DA20-A1, S/N 10096	ICENCI
209.6 Tach: 1879.2 Total Time	IUMBER
June 15, 2016	-
Annual Inspection completed.	
AIRFRAME:	-
ELT battery due, July 2017, Op's check - OK.	
Replace left and right Choke Cables. Clean and re-oil air filter in accordance with K&N service instructions.	
Install new engine, Rotax 912 F3-01, s/n 4.413.058, date of manufacture, December 2015. Aircraft test flown, satisfactory. In the cour	sc
of the installation, the following Service Bulletins were incorporated:	
DA20-72-04A Change of Measurement from CHT to Coolant Temperature	
DA20-74-01 Activation of an Advanced Start Module DA20-75-01 Roux Air box Installation	-
DA20-75-01 Konax Arr nox instantation DA20-79-05 Oil Line Retrofit - F3 Engine	
DA20-79-03 Oil dipstick, thermal insulator	
DA20-79-08 Introduction of a new Oil Pressure Indicator	-
DA20-79-07 Oil Quantity Placard	SUSSESS.
SIL20A1-007 Replacement of Oil Dipstick (New Part Number), Rotax SB-912-040 R1	
C/WAD 2016-12-02, Rotax cylinder head assemblies by inspection, N/A - Engine Model.	34111
C/W AD 93-05-06, ACS Ignition switch, by inspection and lubrication, next due 3071 TT	
Removed wheels, greased bearings. Inspected, tires, wheels and brakes. Checked flight controls for security and travel, jubricated hinge Opened all inspection panels and checked structure. Checked lights, serviced battery. Checked cockpit lighting, instrument and avionics	S.
operation Checked seats & seat belts, for condition and security.	-
This AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION.	
All work was accomplished using Manufactures Service Manuals and/or checklists, and was found to be in an	100
AIRWORTHY CONDITION	-
June 15, 2016, 209.6 Tach, 1879.2 Total Time	
Potenta: total Attention In	198
Peter Vajsabel A&P 3477997IA	2000
Televisiasion nation 1997	
N716LG, Diamond DA20-A1, S/N 10096	
238.6 Tach; 1908.2 Total Time	1000
October 4, 2017	
AIRFRAME:	
Annual Inspection completed.	
Replace ELT, now battery due, October 2019. Op's check - OK.	

Clean and re-oil air filter in accordance with K&N service instructions. Replace nosewheel tire and tube, re-capped 5.00-4 6 pty tire and 5.00-4 inner tube.

AD 2016-23-06. Rotux engine – fuel control, N/A – Engine Model.

PIC/W AD 93-05-06, ACS Ignition switch, by inspection and lubrication, next due 3071 T.T.

Removed wheels, greased bearings. Inspected; tries, wheels and brakes. Checked flight controls for security and travel, lubricated hinges. Opened all inspection panels and checked structure. Checked lightis, serviced battery. Checked cockpit lighting, instrument and avionics operation. Checked seats & seat belts, for condition and security.

This AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION.

All work was accomplished using Manufactures Service Manuals and/or checklists, and was found to be in an AIRWORTHY CONDITION.

October 4, 2017, 238.6 Tach, 1908.2 Total Time

Peter Vajsabel A&P 34779971A PataVajsahlA-P3477997IA

Date 01-08-2018

- replaced RH main tire and tube with Airhawk 5x5 6 ply and Michelin 5x5 tube.

Robert Ingraham A&P 3464406
Big Sky Aviation, Millville N.J.

ENGINEERING RECORD

requirement up to

William Snuder

Advanced Aircraft Maintenance 621 Airport Rd Belle Vernon ,PA 15012 412-418-0735 FAA3KJR540C ACTT: 2747 PReg: N144 AA Date: 10/09/19

27.46.9 The following tests and inspections have been

performed: The transponder tests required by FAR 91.413 In Accordance With Appendix F of Part 43.

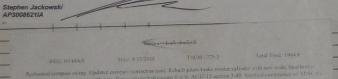
AIR TIME AND

FOR COMPLETE

DATE		TAL	TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD			
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BROUGHT	Mod Has FAF Date Sign	been of R 91 413 Pature (Manor - Sk	Hecked I Part 43 Avionics	CRS# 5 Avionicanor Rd. NJ 0886	554R079C s			
	PEG	- N1761	6	DATE	4-4-2018	TACH: 275.0	TOTAL: 1944.6	

REGISTRATION CHANGE N176LG TO N144AA

Mechanically prepped fuselage. Removed all vinyl graphics and registration numbers. Refinished in Matterhorn White, Black 5087944, Charcoal 1484842, Galaxy Blue 5004383. Applied the registration ** N144AA** to the fuselage sides. Checked transponder KT-76A does not have registration provisions. Checked ELT does not have registration provisions. Owner/operator to provide appropriate Registration and Airworthiness Certificate for return to service. mine the work performed is in Airworthy Condition for approval of return to service.





REG: N144AA DATE: 1-2-2019 TACH: 308.3 TOTAL: 1977.9

Aircraft ANNUAL inspection completed this time and date IAW FAR part 43 appendix D. Checked all applicable

ADs through this date. AD93-05-06 ACS Ignition switch due 3074 total. CW FAR 91-207(d) ELT inspection, battery due

date October 2019. Tighten noses shimmy, R&R all control surface bonding straps, R&R k&N air inlet filter. R&R forward

alternative adjustment arm. R&R all 8 exhaust springs. R&R both left and right position lights, Installed new fuel placard

alternative adjustment arm. R&R all 8 exhaust springs. R&R both left and right main times 5 (x 5 0 x 5 by).

Removed all wheels cleaned, inspected and repacked all wheels have an adjustment and complete strain. LEERTIEV. R&R all 4 brake pads. Bleed brakes, Lubert all points, Ground run loak and operational checks satisfactory. I CERTIFY I inspected this AIRCRAFT IAW on ANNUAL inspection determine to be AIRWORTHY and APPROVED return to service.

AP3006671IA

REG: N.HAA. DATE: HTHIP TACH: 692.6 ACTT: 2272.2 Installed u.Avionix skybascon g/n UAV.1.001856-092 shi 1607530 in th position light locabon. Ops check sat 30e form 337 dated 17173/99 REG: N144AA DATE: 11-08-19 TACH: 602.6 TOTAL: 2272.2 Aidrame Annual inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date, AD 93-05-06 ACS ignition switch due 3071 ACTT, CW FAR 91.207(d) ELT inspection, battery due date; 8/2021, R&R fuel placards, R&R all brake pags, R&R left and right caliper seals. Service with 5606 hydraulic oil, R&R rose tre-R&R both L&R mains. Serviced air filter Adjusted nose wheel tension. Removed wheel bearings, cleaned, inspected, repacked and reinstalled. R&R muffler with new. R&R cylinder 2 exhaust stack with new. Lubed all points, I certify I inspected this aircraft LAW an ANNUAL inspection determine to be AIBWORTHY and APPROVE return to service. - AP3008621IA REG: N144AA DATE: 04-24-2020 TACH: 702.6 TOTAL: 2372.2 Airframe 100 hour inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. AD 93-05-06 ACS ignition switch due 3071 ACTT, CW FAR 91,207(d) ELT inspection, battery due date: 8/2021, R&R all brake pads, R&R both L&R mains, Serviced air filter, Adjusted nose wheel tension, R&R alternator belt, Removed wheel bearings, cleaned, inspected, repacked and reinstalled. Lubed all points, I certify I inspected this aircraft IAW a 100 hour inspection determine to be AIRWORTHY and APPROVE return to service. REG: N144AA DATE: 9/3/2020 TACH: 801.6 Total: 2471.2

Airframe 100hr inspection completed this time and date (AWFAR part 43 APFX P). Checked all applicable AD's through this date AD 33-05-06 ACS (gration switch due 2071 ACTT CWFAR 91 2070) ELT inspection, battery due 6/2021. Serviced air filter lubed all points. Lortify this airframe has been inspected IAW a 100hr inspection and is in REG: N144AA DATE: 12/4/2020 TACH: 875.4 Total: 2545
Auframe annual inspection completed his time and date (AW FAR part 43 APPX D. Checked all applicable AD's through this date. AD 93-05-06 ACS ignitiops switch due 3071 ACTT. CW FAR 91 207(d) ELT inspection, battery due 8/2021 Serviced air filter, lubed all points 1 centry this autrame has been inspected IAW an annual inspection and is in an airworthy condition at this time. - AP3008621/A REG: N144AA DATE: 3/16/2021 TACH: 972.4 Total: 2642.0 Airframe 100hr inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. AD 93-05-06 ACS ignition switch due 3071 ACTT. CW FAR 91 207(d) ELT inspection, battery due 87221 R&R left and right main tires 5 00x5 repacked wheel bearings. R&R stall warning hom with new. Serviced are filter lubed all points. <u>Locality this auframe</u> has been inspected IAW a 100hr inspection and is in an airworthy condition at this time.

CARRIED FORWARD

Ryan Dougherty AP369930

ENGINEERING RECORD

REG: N144AA DATE: 6/24/2022 TACH: 976.3 Total: 2645.9

ICENCE NUMBER

Airframe annual inspection completed this time and date IAW FAR part 43 AFPX D. Checked all applicable ADS through this date AD 93-05-06 ACS gration with due 3071 ACT CW-FAR 91 207(8) ELT inspecting must be ELT authority with new battery due 50204 R4R researched in with new 5004 R4R nasewheel grating thin new 5002 ARA RAT will felt with new by 0 1077-03746-00. R4R LH cannyl guide bushing phi 20-350-10-22. phi R02201695 R4R task light with new phi 0 1077-03746-00. R4R LH cannyl guide bushing phi 20-350-10-22 not start to the start of the start of

AP3008621IA

CRAFT MAINTENANCE

TRANSPONDER CERTIFICATE

N# JULIAA

CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.

This aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this

agency under the following work number

Date 6/24/2022 Tech B

WO 14444-0624 Signed + C

Advanced Aircraft Maintenance, Inc. + CRS# 3KIRS-40C + PH. (724) 823-0200 + 621 Airport Road, Hanger 118 + Belle Vermon, PA 15012