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
uAvionix
300 Pine Needle Lane | Bigfork, MT | 59911
www.uAvionix.com | Office: 1-844-827-3372

Model: skyBeacon TSO
PIN: UAV-1001856-002

PIN: UAV-1001856-002
MOD: 8
S/N: 1087530

Certificate of Conformance

I hereby certify that the product(s) enclosed herewith, manufactured by uAvionix Corporation, have been inspected and found to be in full accordance with the specifications of:
TSO-C154c B15, TSO-C145d Beta 1 INCOMP, TSO-C88b, TSO-C39c Type I, and TSO-C96a Class II.

By: 
Country of Origin: U.S.A.

Date: 9-9-19
UAV-1002530-201 (Rev C)

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

Second Edition

January 1987

Canada

© Minister of Supply and Services Canada 1987
Available in Canada through
your local bookseller
or by mail from
Canada Communication Group — Publishing
Ottawa, Canada K1A 0S9
Catalogue No. T52-23-1-1987E
Reprinted 1988, 1991, 1993

d 35.0 to
Tach time
from beginning

AIRCRAFT **144AA**
1. Nationality and Registration N 716LQ
2. Manufacturer's Designation DA 20-A1
3. Manufacturer's Serial Number 10096
4. Type Approval or Specification Number A-191/TA4CH
5. Date of Manufacture 1995
6. Aircraft Inspection Cycle

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.
BROUGHT FORWARD				

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

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

SERIAL NUMBER 10096
REGISTRATION N716LG

COMPASS DEVIATION, ALL ELECTRICS ON						
FOR	N	30	60	E	120	150
STEER						
FOR						
STEER	S	210	240	W	300	330

INDEPENDENT CHECK OF FLIGHT
AND POWERPLANT CONTROLS
DATE JAN 25/96
INSPECTOR [Signature] DA Q 13

AIRCRAFT IS SERVICEABLE FOR FLIGHT

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO
THE APPROVED TYPE DESIGN DATA, TO AIRCRAFT AND
SAME STATE FOR FLIGHT
DATE FEB 8/96
INSPECTOR [Signature] DA Q 13

- King KLX135A GPS/Com, KA99
- installed per Diamond Aircraft Ltd.
- Function test carried out OK
- Weight & Balance and Equipment

DIAMOND AIRCRAFT IND.
D.O.T. APPROVAL # 161-93

DAS w/o RSD 404 ARTIFICIAL HORIZON

DIAMOND AIRCRAFT IND.
D.O.T. APPROVAL # 161-93

PERFORMED 2.5 HRS

FLT BATTERY REPLACEMENT
CARRIED FORWARD REPLACED MITCHELL

MAR 25/96

APRIL 3, 1996

APRIL 12, 1996

APRIL 27, 1996

96.2

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

DATE	INSPECTOR	SIGNATURE	LICENCE NUMBER
JAN 25/96	[Signature]	[Signature]	DA Q 2
JAN 25/96	[Signature]	[Signature]	DA Q 2
JAN 25/96	[Signature]	[Signature]	DA Q 2
JAN 25/96	[Signature]	[Signature]	DA Q 2

STATIC PRESSURE SYSTEM WAS TESTED AND INSPECTED
IN COMPLIANCE WITH A.N.O. SERIES II No. 15, PAR 91.411

ATC TRANSPONDER AND AUTOMATIC PRESSURE ALTITUDE
REPORTING SYSTEM WAS TESTED AND INSPECTED IN
COMPLIANCE WITH A.N.O. SERIES II No. 10, PAR 91.217,
PAR 91.413

THE ELT WAS TESTED AND INSPECTED IN COMPLIANCE
WITH THE E.A.T. MANUAL PART II CHAP. III SECT 3.12.2(a)
PAR 91.207 (d)

THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO
APPLICABLE COMPANY RELEASED DOCUMENTS
(DRAWINGS, SPECIFICATIONS, CONCESSIONS)
AND IS SERVICEABLE

U.S. STANDARD AIRWORTHINESS CERTIFICATE ISSUED
DATE Feb 8-96
AND INSTALLED IN THE
AIRCRAFT ON BEHALF OF THE FAA
DATE Feb 8-96
[Signature]

GPS Antenna and KA134 Audio Panel
Drawing # 20-3911-01-00

List Amended

THE MAINTENANCE DESCRIBED ABOVE HAS BEEN
PERFORMED IN ACCORDANCE WITH THE APPLICABLE
STANDARDS OF AIRWORTHINESS.

S/N 95L1461 REPLACED WITH NEW UNIT S/N 9682352

THE MAINTENANCE DESCRIBED ABOVE HAS BEEN
PERFORMED IN ACCORDANCE WITH THE APPLICABLE
STANDARDS OF AIRWORTHINESS.

CHECK PER AIRCRAFT SERVICE MANUAL

DUE SEPTEMBER 1997
MECHANICAL TACHOMETER WITH NEW UNIT

John Brantone

Tom Elms

John Brantone

John Brantone

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
APRIL 29-1996	106	4			PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH MANUFACTURERS SERVICE MANUAL. INSTALLED NEW HELL AIRCRAFT PRODUCTS REPLACEMENT TACHOMETER PART # 01-112-5210 S/N 12P (01-02-5225) TSO C470. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND PRESCRIBED IN THE FACTORY SERVICE MANUAL AND DETERMINED TO BE IN AIRWORTHY CONDITION. John A. A.P. 518728394
APRIL 29-1996	108	4			TESTED FLT PER FAR 91207 FLT CHECK OK NEXT DUE AT TAC 2064 John A. A.P. 518728394
MAY 2-1996	135	1			REPLACED INNER TUBE IN NOSE WHEEL TUBE IS VROESTIN 67074127, 400-4 (TM 4004-2) John A. A.P. 518728394
JULY 5-1996	96	8			PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH MANUFACTURERS SERVICE MANUAL. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. John A. A.P. 518728394
JULY 5-1996	96	8			INSTALLED FUEL DIP STICK IN ACCORDANCE WITH KENACA INSTRUCTIONS. CARRIED FORWARD John A. A.P. 518728394

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
JULY 26, 1996	TAC 143.8		
PERFORMED 50 HOUR SERVICE IN ACCORDANCE WITH SERVICE MANUAL. DRAINED OIL ADDED 3 LITERS SYNTEX AUTOMOTIVE OIL. COMPLIED WITH DIAMOND AIRCRAFT SERVICE BULLETIN NO. DA20-79-D1 REV'D. OF 3/4/96 "REMOTE MOUNTING OF OIL PRESSURE TRANSDUCER" <i>John A. A.P. 518728394</i>			
JULY 31, 1996			
INSTALLED SLIDING WINDOW PART # PC960440, SLIDING WINDOW KIT INCLUDES PAILS & SCREWS. <i>John A. A.P. 518728394</i>			
AUGUST 1, 1996			
INSTALLED CONTROL LOCK PART # DA20-10-D1 MK IN COMPLIANCE WITH DIAMOND AIRCRAFT SERVICE BULLETIN NO. DA20-10-D1, REV'D OF JUNE 1996 "INSTALLATION, CONTROL LOCK AND FINED POWERSERVO." <i>John A. A.P. 518728394</i>			
AUGUST 13 1996			
100 HOUR INSPECTION IN ACCORDANCE WITH DIAMOND AIRCRAFT SERVICE MANUAL. INSTALLED BULK PADS ON MAIN WHEELS. ROTATED TIRES. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. <i>John A. A.P. 518728394</i> TAC 172.3			

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
SEP 10, 1996	232.5				50 HOUR INSPECTION IN ACCORDANCE WITH DIAMOND SERVICE MANUAL. <i>John Lane AIP 558728394</i>
OCTOBER 4, 1996	276.1				100 HOUR INSPECTION IN ACCORDANCE WITH AIRCRAFT SERVICE MANUAL. INSTALLED 2" WHEEL SHIMS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>John Lane AIP 558728394</i>
OCTOBER 21, 1996	355.7				REMOVED DIRECTIONAL GYRO AND ATTENDED HORIZON FROM AIRCRAFT. INSTALLED 1" OF GOODRICH 66 P/N 505-0031-927 S/N 5050031927.2566B INSTALLED 1" OF GOODRICH NATURAL HORIZON. P/N 5040033943 S/N 5040033943.2537 <i>John Lane AIP 558728394</i>
NOVEMBER 14, 1996	367.7				100 HOUR INSPECTION IN ACCORDANCE WITH DIAMOND SERVICE INSTRUCTIONS. BOTH TIRE BLEED VALVES REPLACED. BRAKE PADS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. <i>John Lane AIP 558728394</i>
					CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
JAN 8, 1997	50 HOUR INSPECTION IN ACCORDANCE WITH DIAMOND SERVICE INSTRUCTIONS. <i>John Lane AIP 558728394</i>		
414.9			
2-8-97	ELT RADIO CHECK IN ACCORDANCE WITH FAR 91.207. NOISE CHECKS GOOD NEXT TEST DUE 2-98. BATTERY REPLACEMENT DUE 9-98. <i>John Lane AIP 558728394</i>		
432.7			
	REPLACED RIGHT SIDE MAIN TIRE WITH GOODYEAR 380X50/15-100-5 6 ply TIRE, S/N 52673151. REPAIRED INNER TUBE. <i>John Lane AIP 558728394</i>		
2-17-97	REPLACED SPINNER P/N VP30-351, THE 453.0 BLEED VALVES, SOLDERED CONNECTOR ON BACK OF ALTERNATOR. <i>John Lane AIP 558728394</i>		
2-10-97	TAC SEE NEXT PAGE.		
2-25-97			
TAC 466.3	100 HOUR INSPECTION IN PREPARATION FOR AN ANNUAL INSPECTION. REPAIRED NOSE WHEEL TIRE WITH DIAMOND AIRCRAFT P/N 064691 TIRE. REPLACED LEFT MAIN WHEEL TIRE WITH GOODYEAR 380X50/15C 00-5 TIRE, S/N 52482219. REPLACED PEDAL ADJUSTMENT CABLE ON RIGHT SIDE, WITH DIAMOND AIRCRAFT P/N 20-2722-10-00-C CABLE KIT. INSTALLED CLEVERLON P/N 06610600 BRAKE PADS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION, IN PREPARATION FOR AN ANNUAL INSPECTION, AND HAS BEEN FOUND TO BE AIRWORTHY. <i>John Lane AIP 558728394</i>		

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
2-10-97					INSPECTED CONTROL SURFACES AND FLIGHTS AFTER PILOT REPORTED OF EXCESSIVE VIB., NO DISCREPANCIES FOUND. PER STANDARD AIRCRAFT CUSTOMER SUPPORT, THE INSPECTION WAS PERFORMED IN ACCORDANCE WITH A TWO HOUR INSPECTION. <i>John H. [Signature]</i> AGR 57728354
					I certify: an _____ have _____ Date: _____
					Date: TTA: _____ have found it _____ Inspection and _____ I hereby have given: _____ I certify I have given N 7646 an _____ inspection and have found it satisfactory. Date: TTA: _____ Signed: <i>[Signature]</i> 3-1-97 <i>[Signature]</i>
3-6-97		450			TORQUED MATCH POINT BOLTS AT FIREFALL WIRE SERVICE MANUAL CHAPTER 2A PAGE 4. <i>John H. [Signature]</i> AGR 57728354
					CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
3-18-97	50 HOUR INSPECTION IN ACCORDANCE WITH TACH 533 DEAMOND SERVICE MANUAL	A. J. [Signature]	AP 549316A38
4/10/97	TACH 533.9 PRESSURE BLEED BRAKE SYSTEM OPS CHECK GOOD INSTALLED NEW SPINNER THE ABOVE WORK WAS PERFORMED I/A/W MANUFACTURERS SPECIFICATIONS AND IS APPROVED FOR RETURN TO SERVICE	[Signature]	541965571AP
4/15/97	TACH 554.8 Installed new A/C Battery, OPS check good.	[Signature]	41815D763AP
4-23-97	TACH 560.8 Completed 222HMA Insp I/A/w Diamond A/C Insp Sequence 05-20 pm 3-10 C/W SB 0A20-73-02A FUEL PUMP OUTLET PARTS 10.1 + 10.2 C/W SB 0A20-73-03A EXHAUST HEATER SECURITY NO DISCREPANCIES C/W SB 0A20-27-06A FLIGHT CONTROLS HINGES NO DISCREPANCIES NOTED INSTALLED NEW 218IDE RUBBER DOOR ADJUSTMENT CABLE ADJUSTED NOSE WHEEL FRICTION Installed NEW TRIM SWITCH		
DATE	TIME	W.O.#	
4-23-97	1500	4169	
FOR CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 222HMA INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Approved for return to service under above referenced work order.			
SIGNED: [Signature] FOR			
Helicopter Adventure Inc., - REPAIR STATION NO. H24R1828			
DATE	TIME	W.O.#	
4-23-97	1500	4169	
THE MAINTENANCE OPERATION DESCRIBED ABOVE WAS INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS IS AIRWORTHY FOR RETURN TO SERVICE. DETAILS ARE ON FILE AT THIS AGENCY UNDER ABOVE REFERENCED WORK ORDER.			
SIGNED: [Signature] FOR			
Helicopter Adventure Inc., - REPAIR STATION NO. H24R1828			

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
5/17/97			611.3		EDMR insp completed J/L/W D/A/C checked INSTALLED NEW BRAKE LININGS R/S/A 1 PRODUCE BLEED R/L BRAKE OPS CHECK OK
					DATE 5/19/97 AC TIME 611.3 ENG TIME W.O. # 4426 THE MAINTENANCE OPERATION DESCRIBED ABOVE WAS INSPECTED AND WITH RESPECT TO THE WORK PERFORMED THE AIRCRAFT AND/OR COMPONENTS IS AIRWORTHY FOR RETURN TO SERVICE. DETAILS ARE ON FILE AT THIS AGENCY UNDER ABOVE REFERENCED WORK ORDER. SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. - REPAIR STATION NO. 1841828
7/13/1997			660.7		COMPLETED 100HR INSPECTION IN ACCORDANCE WITH DIAMOND SERVICE MANUAL, INSTALLED ALTERNATOR PH BBT287 SN 101211-1020 AND REPLACED BRAKE PADS ON LEFT SIDE OF A/C OPS CHECK ON ALTERNATOR OK
					DATE 7/14/97 AC TIME 660.7 ENG TIME W.O. # 4426 THE MAINTENANCE OPERATION DESCRIBED ABOVE WAS INSPECTED AND WITH RESPECT TO THE WORK PERFORMED THE AIRCRAFT AND/OR COMPONENTS IS AIRWORTHY FOR RETURN TO SERVICE. DETAILS ARE ON FILE AT THIS AGENCY UNDER ABOVE REFERENCED WORK ORDER. SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. - REPAIR STATION NO. 1841828
8/29/97			759.2		DATE 8/29/97 AC TIME 759.2 ENG TIME W.O. # 4426 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Approved for return to service under above referenced work order. SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. - REPAIR STATION NO. 1841828
					N716LG 28AUG97 759.2 TACH W.O. # 4426 200HR INSPECTION COMPLETED IN ACCORDANCE WITH SERVICE MANUAL. I CERTIFY THAT THIS AIRCRAFT IS INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF INSPECTION AND FOUND TO BE IN AIRWORTHY CON- DITION FOR RETURN TO SERVICE.
9/5/97			766.1		DATE 9/5/97 AC TIME 766.1 ENG TIME W.O. # 4426 INSTALLED NEW TACHOMETER OLD TACH TACH IS SET AT "0" FOR ACFT. TOTAL READING ALL MAINTENANCE OPERATION INSPECTED WITH RESPECT TO THE WORK TO BE IN AIRWORTHY CONDITION THIS RETURN TO SERVICE UNDER ABOVE REFERENCE SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. CRSMHAR1828
					CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE NUMBER
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		
N716LG 09/16/97 8 TACH TIME 775.9 ACFT T.T. INSTALLED NEW TACHOMETER OLD TACHOMETER INOPERATIVE FOR 6.1 HOURS AFTER THE ACCUMULATION OF 3.7 HOURS FOR AIRCRAFT TOTAL TIME 775.9 PLUS CURRENT TACH TIME COMPLETED OK. ALL MAINTENANCE ITEMS LISTED ABOVE HAVE BEEN INSPECTED WITH RESPECT TO THE WORK PERFORMED AND FOUND TO BE IN AIRWORTHY CONDITION. THIS AIRCRAFT		
PROVED FOR RETURN TO SERVICE UNDER ABOVE REFERENCED WORK ORDER. SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. CRSMHAR1828		
N716LG 10/20/97 24.5 TACH 1051.2 HLM. W.O. # 4651 COMPLIED WITH SERVICE BULLETIN DA20-27-97. REPAIRED GLARE SHIELD FASTENERS. OPS CHECK GOOD. ALL MAINTENANCE OPERATIONS COMPLETED HAVE BEEN INSPECTED WITH RESPECT TO THE WORK PERFORMED AND FOUND TO BE IN AIRWORTHY CONDITION. THIS AIRCRAFT APPROVED FOR RETURN TO SERVICE UNDER ABOVE REFERENCED W.O. SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. CRSMHAR1828		
N716LG 11NOV97 1097.2 HLM. 24.3 TACH 836.9 ACFT T.T. REPLACED TACHOMETER NEW TOTAL TIME CALCULATED ABOVE WORK ORDER TIME ADD 3.7 HOURS FOR CALCULATED AIRCRAFT TOTAL TIME. ALL MAINTENANCE ITEMS HAVE BEEN INSPECTED WITH RESPECT TO THE WORK PERFORMED AND FOUND TO BE IN AIRWORTHY CONDITION. THIS AIRCRAFT APPROVED FOR RETURN TO SERVICE UNDER ABOVE REFERENCED WORK ORDER. SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. CRSMHAR1828		
N716LG 21NOV97 1.3 TACH TIME 841.9 ACFT T.T. W.O. # 4656 & 4657 INSTALLED NEW RECORDING TACHOMETER TACH READS 1.3. AIRCRAFT FLOWN AN ADDITIONAL 3.8 HOURS WITH METER INOP. ADD 841.9 FOR AIRCRAFT T.T. ALL MAINTENANCE OPERATIONS COMPLETED HAVE ALSO BEEN INSPECTED WITH RESPECT TO THE WORK PERFORMED AND FOUND TO BE IN AIRWORTHY CONDITION. THIS AIRCRAFT APPROVED FOR RETURN TO SERVICE UNDER ABOVE REFERENCED W.O.		
SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. CRSMHAR1828		
N716LG 27NOV97 6.0 TACH TIME 847.9 ACFT T.T. W.O. # 4656 & 4657 100HR/ANNUAL INSP COMPLETED IN ACCORDANCE WITH DIAMOND AIRCRAFT SERVICE MANUAL AND FAR 43 APPENDIX D. INSTALLED A NEW EXHAUST SPRINGS. INSTALLED NEW STALL WARNING HORN. INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. ALL MAINTENANCE OPERATIONS COMPLETED HAVE ALSO BEEN INSPECTED WITH RESPECT TO THE WORK PERFORMED AND FOUND TO BE IN AIRWORTHY CONDITION. THIS AIRCRAFT APPROVED FOR RETURN TO SERVICE UNDER ABOVE REFERENCED W.O.		
SIGNED <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. CRSMHAR1828		

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
					INSTALLED NEW V2 OPERATIONS COM. ALL MAINTENANCE PERFORMED AND EXPECT TO THE WORK RETURN TO SERVICE. CRAFT APPROVED FOR BOWEN. A&P DOUG KITCHIE 5336
					I CERTIFY THAT ATC TRANSPONDER TESTS & INSPECTIONS REQUIRED BY FAR 91.413 WERE PERFORMED IAW FAR 91.413 AND
					Signed: <i>[Signature]</i> Date: 21 JAN 98
					NORTHWEST SERVICES ONE-WHARF
3/20/98					ELT Removed For Battery Replacement. Addendum H 42815276
3/25/98					ELT Battery Replaced OK's Checked good. Next Scheduled Replacement 3/30/00
					<i>[Signature]</i> H 438150768
					H.M. 12146
					N716LG 15 APR 98 1014 TACH TIME 9433 ACFT T.T. W# 4913
					INSTALLED NEW ELECTRIC FUEL BOOST PUMP PN 478360 OPERATIONAL CHECK OK'D. ALL MAINTENANCE OPERATIONS COMPLETED HAVE ALSO BEEN INSPECTED WITH RESPECT TO THE WORK PERFORMED AND FOUND TO BE IN AIRWORTHY CONDITION. THIS AIRCRAFT APPROVED FOR RETURN TO SERVICE UNDER ABOVE REFINISHED W/O.
					SIGNED: <i>[Signature]</i> FOR HELICOPTER ADVENTURES INC. CREW/ARCHIVE
AP WEST AIRCRAFT ENGINES					
ALL UNREPAIRED REPAIR STATION TV3881					
THE COMPONENTS AND/OR DISCREPANCY IDENTIFIED ON THIS WORK ORDER 3016 TO ABOVE MENTIONED AIRCRAFT WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WERE FOUND AIRWORTHY FOR RETURN TO SERVICE 10/1/98					
SIGNED: <i>[Signature]</i>			DATE: 5/12/98		RET engine with exchange and new engine 91053 IN 410532
					REPAIR AND GEN. WORK. MOTOR
					REPAIR CO. - pilot BRUCE LY
					REPAIR WORK. INSTALLED NEW UNDER
					THUNDERBOLT ENGINE
					4/1/98 BROUGHT FORWARD DADO 24-03

ENGINEERING RECORD

6

INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE NUMBER
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		
7-10-98: TACH 1078 - REPAIRED SCRATCHES TO LEFT WING TIP AND ALLECON. OK FOR RETURN TO SERVICE	<i>[Signature]</i>	58190200
<div style="display: flex; justify-content: space-between;"> <div> STERLING 101 John Glenn Drive, Hangar 2 Concord, CA. 94520-5615 Tel: (510) 676-2100 Fax: (510) 676-5580 </div> <div> Airframe Performed 1000 hour inspection IAW Katana DA-20 Service Manual. Checked flap pre-tension. Removed wings, checked aileron push rods for chafing, none seen. Removed horizontal stabilizer, checked mounting hardware for secure attachment and corrosion, none seen. Checked forward bolts for corrosion, none seen. Lubricated forward bolt and re-installed horizontal stabilizer. Removed elevator push rod in fuselage tube and checked for chafing, none found. Replaced position light p/n A600FR-14V. Checked landing gear. Removed, cleaned, checked, re-greased and re-installed wheel bearings. Replaced brake pads on left and right main gear with p/n 066-10600 supplied by customer. Removed fuel tank and checked for corrosion, none seen. Removed and cleaned integrated fuel screen. Checked fuel quantity indicator for accuracy. Found to be accurate. Replaced leaking fuel ball valve p/n A-118-4 supplied by customer. Added fuel, checked for leaks, none found. </div> </div>		
Checked and complied with the following Airworthiness Directives and Service Bulletin: 1.) AD 93-05-06, Gerdes Ignition Switch; 2.) AD 96-09-05, Aileron Controls; 3.) AD 97-13-02, Rudder Pedal and Jamming Pilot Shoe; 4.) SB DA 20-27-06A, Flight Control Hinges		
I certify that this airframe has been inspected in accordance with 1000 hour inspection and found to be in an airworthy condition for return to service.		
SIGNED: <i>[Signature]</i>	TACH 107.8 WO# 22184 REG# N716LG DATE July 13, 1998	
Joseph L. Bruno, A&P 2575450		
<div style="display: flex; justify-content: space-between;"> <div> STERLING Buchanan Field Airport LOGBOOK ENTRY Concord, CA. 94520 MAINTENANCE (925) 676-2100 Date: 8-11-98 </div> <div> STERLING Buchanan Field Airport LOGBOOK ENTRY Concord, CA. 94520 MAINTENANCE (925) 676-2100 Date: 9-3-98 </div> </div>		
Replaced Nose Wheel Pant. Revised Weight and Balance and equipment list END	Performed 50 hr inspection IAW Katana DA-20 Service Manual. Checked flap pre-tension. Removed wings, checked aileron push rods for chafing, none seen. Removed horizontal stabilizer, checked mounting hardware for secure attachment and corrosion, none seen. Checked forward bolts for corrosion, none seen. Lubricated forward bolt and re-installed horizontal stabilizer. Removed elevator push rod in fuselage tube and checked for chafing, none found. Replaced position light p/n A600FR-14V. Checked landing gear. Removed, cleaned, checked, re-greased and re-installed wheel bearings. Replaced brake pads on left and right main gear with p/n 066-10600 supplied by customer. Removed fuel tank and checked for corrosion, none seen. Removed and cleaned integrated fuel screen. Checked fuel quantity indicator for accuracy. Found to be accurate. Replaced leaking fuel ball valve p/n A-118-4 supplied by customer. Added fuel, checked for leaks, none found.	
Signed: <i>[Signature]</i>	Tach: 141.3	
Joseph L. Bruno, A&P 2575450		
V.O.# 23038	Reg.# N 716 LG	Hobbs:
Signed: <i>[Signature]</i>	Tach: 172.9	
Joseph L. Bruno, A&P 2575450		
W.O.# 23034	Reg.# N 716 LG	Hobbs:

Signed: *Nick Remer* Tach: _____
 Nicholas W. Remer, A&P 560607301
 W.O.# 23023 Reg.#N 716LG Hobbs: _____

*Replaced engine, engine on top out
 of oil, pulled under, checked under
 for oil, and paper inspection
 for oil, and paper inspection*

STERLING

Buchanan Field Airport
 Concord, CA. 94520
 T: (925) 676-2100 F: (925) 676-5580
 LOGBOOK ENTRY
 MAINTENANCE
 Date: 8-12-98

TIME AND

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

STERLING

Buchanan Field Airport
 Concord, CA. 94520
 T: (925) 676-2100 F: (925) 676-5580
 LOGBOOK ENTRY
 MAINTENANCE
 Date: 9-18-98

AD 97-13-02 PCW
 AD 98-05-06 AVE 2188 HRS

W.O.# 23066

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW 50
 HOUR INSPECTION AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION.

SIGNED: *Nick Remer*
 Nick Remer, A&P 560607301
 TACH: 1046 HOBBS: _____
 REG: 716LG DATE: 9-18-98

STERLING

Buchanan Field Airport
 Concord, CA. 94520
 T: (925) 676-2100 F: (925) 676-5580
 LOGBOOK ENTRY
 MAINTENANCE
 Date: 11-11-98

*Performed 200hr Inspection IAW
 Rotax Maintenance Manual. Replaced
 and adjusted 7 pins on 17 side of E-rod.
 Since Replaced left cylinder on
 carburetor, checked all lights, replaced
 all fluids. -End-*

STERLING

Buchanan Field Airport
 Concord, CA. 94520
 T: (925) 676-2100 F: (925) 676-5580
 LOGBOOK ENTRY
 MAINTENANCE
 Date: 7-16-98

*Adjusted Oil Cooler To Fit Cooling
 Fan. Adjusted Radiator For Better
 Air Flow. Test Flew And Found Temp Below
 Of Oil Normal. -End-*

STERLING

101 JOHN GLENN DRIVE, HANGAR 2
 CONCORD CA 94520
 T: (925) 676-2100 F: (925) 676-5580

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW 50
 HOUR INSPECTION AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION.

SIGNED: *Nick Remer*
 Nick Remer, A&P 560607301
 TACH: 303 HOBBS: _____
 REG: 716LG DATE: 11-11-98

STERLING

Buchanan Field Airport
 Concord, CA. 94520
 T: (925) 676-2100 F: (925) 676-5580

I certify that the ELT has been inspected in accordance with the requirements
 of FAR Section 91.207(c), and was found to be in satisfactory condition.
 ELT pin: *ELT pin 2476*
 Battery installed: *Battery 1758* Battery Due: *March 2000*
 Date: *11-11-98* W.O.# *23023*
 Signed: *Nick Remer* Reg.#N *716LG*
 FAA Repair Station Certificate Number WQ38554L

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT
 ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

STERLING

101 JOHN GLENN DRIVE
 HANGAR 2
 CONCORD CA 94520 5615
 T: 925-676-2100 F: 925-676-5580

*Performed 100hr Inspection IAW
 Rotax Maintenance Manual. Checked
 all lights. Replaced all fluids.
 -End-*

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to
 be in an airworthy condition for return to service.

I certify that the engine and propeller has been inspected IAW a 100 hour inspection and was determined to be
 in an airworthy condition.
 Signed: *Michael Bruno* Date: 12-2-98 Reg.#N *716LG*
 Michael Bruno, A&P 2585871

Hobbs: _____ Tach: 335 TSN: _____ W/O# 28416

STERLING

101 JOHN GLENN DRIVE, HANGAR 2
 CONCORD, CA 94520-5615
 T: (925) 676-2100 F: (925) 676-5580

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW
 ANNUAL INSPECTION AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION.

SIGNED: *Harlan L Hill* DATE: 12-2-98 TOTAL Time Since Reg
 HARLAN L. HILL, IA1365602
 TACH: 338.0 HOBBS: _____ REG.# N 716LG 1179.6

STERLING

Buchanan Field Airport
 Concord, CA. 94520
 T: (925) 676-2100 F: (925) 676-5580
 LOGBOOK ENTRY
 MAINTENANCE
 Date: 3-18-99

*PERFORMED 200 HR INSPECTION
 IAW DA 20 MAINT. MANUAL*

C/W SB DA 20-5302 A

Signed: *Nick Remer* TSN: 1283
 Nick Remer, A&P 560607301 Tach: 442.1
 W.O.# 28472 Reg.#N 716LG Hobbs: 1617.1

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE					
BROUGHT FORWARD					
<div style="display: flex; justify-content: space-between;"> <div> STERLING BUCARAN FIELD AIRPORT CONCORD, CA 94520-5615 TEL: (925) 676-2100 FAX: (925) 676-5580 FAA REPAIR STATION CERT. # WQ3054L </div> <div> STERLING 101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580 </div> </div>					
<p>As per Part 43.161 and 43.163, the following systems have been inspected and inspected for any deficiencies and if any deficiencies were found, they have been corrected.</p> <p>TRANSPONDERS HAVE BEEN TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF PART 43 I.A.W. FAR 91.413.</p> <p>DATE: <u>4-27-99</u> W.O. # <u>2189</u> KLOF <u>71645</u> SIGNED: <u>[Signature]</u> TACH: <u>5279</u> HOBBS: <u>5279</u></p> <p>For Further details, see w/o# <u>28600</u> The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service. Signed: <u>Michael Bruno, A&P 2585871</u> Date: <u>9-11-99</u> NR: <u>71646</u> Tach: <u>6421</u> TTSN: <u>14031</u> TSMOH: <u>14031</u></p> <p>Date: <u>4-9-99</u> W.O. # <u>11255</u> Battery Due <u>3/2000</u> W.O. # <u>11255</u> Locality that the ELT has been inspected in accordance with the requirements of FAR section 91.207 (d) and was found to be in satisfactory condition. Signed: <u>Roy J. K.</u> for Pacific States Aviation, Inc. CFFR 948C</p> <div style="display: flex; justify-content: space-between;"> <div> STERLING 101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580 </div> <div> STERLING 101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580 </div> </div> <p>Installed new quidder control cables both sides and new master cylinders to Pilot left side. Check for safe and proper operation. Opps check okay. END</p> <p>For Further details, see w/o# <u>28554</u> The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service. Signed: <u>Nick Remer, A&P 560607301</u> Date: <u>7-30-99</u> NR: <u>71646</u> Tach: <u>5186</u> TTSN: <u>15596</u> TSMOH: <u>15596</u></p>					

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME PER LINES			
<div style="display: flex; justify-content: space-between;"> <div> STERLING 101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580 </div> <div> STERLING 101 JOHN GLENN DRIVE HANGAR 2 CONCORD CA 94520 5615 T: 925-676-2100 F: 925-676-5580 </div> </div>			
<p>Performed 300hr inspection (BAW) before maintenance manual. Checked all flight controls installed new nose tire. Replaced B&B Brake pads with new silent pads. "2" squeaks. Checked all nose clow at this time. END</p> <p>For Further details, see w/o# <u>28040</u> The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service. Signed: <u>Nick Remer, A&P 560607301</u> Date: <u>10-12-99</u> NR: <u>71645</u> Tach: <u>6421</u> TTSN: <u>14031</u> TSMOH: <u>14031</u></p>			
<p>Performed 50hr inspection (BAW) before maintenance manual. Replaced both main tires, tubes and disks. Checked for safe and proper operation. Opps check okay. END</p> <p>For Further details, see w/o# <u>28086</u> The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service. Signed: <u>David Bartlett, A&P 2521201</u> Date: <u>11-30-99</u> NR: <u>71646</u> Tach: <u>6294</u> TTSN: <u>15584</u> TSMOH: <u>15584</u></p>			
<p>Replaced canopy opening with new. Replaced brake pads with new per 10600. Replaced high in left brake system by re-sealing filter. Replaced wing strut tape as necessary. END</p> <p>For Further details, see w/o# <u>28173</u> The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service. Signed: <u>Nick Remer, A&P 560607301</u> Date: <u>3-18-00</u> NR: <u>71646</u> Tach: <u>2291</u> TTSN: <u>15801</u> TSMOH: <u>15801</u></p>			
<p>Replace prop-governor control cable with new. END</p> <p>For Further details, see w/o# <u>28097</u> The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service. Signed: <u>Nick Remer, A&P 560607301</u> Date: <u>12-14-99</u> NR: <u>71646</u> Tach: <u>7008</u> TTSN: <u>15801</u> TSMOH: <u>15801</u></p>			
<p>Replaced 100hr inspection (BAW) before maintenance manual. Replaced all brake pads and checked at caliper. Serviced fluids. END</p> <p>For Further details, see w/o# <u>28568</u> The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service. Signed: <u>Michael Bruno, A&P 2585871</u> Date: <u>8-18-99</u> NR: <u>71646</u> Tach: <u>5419</u> TTSN: <u>13829</u> TSMOH: <u>13829</u></p>			
<p>Replaced canopy opening with new. Replaced brake pads with new per 10600. Replaced high in left brake system by re-sealing filter. Replaced wing strut tape as necessary. END</p> <p>For Further details, see w/o# <u>28173</u> The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service. Signed: <u>Nick Remer, A&P 560607301</u> Date: <u>3-18-00</u> NR: <u>71646</u> Tach: <u>2291</u> TTSN: <u>15801</u> TSMOH: <u>15801</u></p>			
<p>I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>SIGNED: <u>[Signature]</u> DATE: <u>3-17-00</u> TACH: <u>7391</u> HOBBS: <u>19650</u> REG. # <u>N 71646</u></p>			

AIR TIME AND

Advanced Aviation
5 Aero Plaza
New Century, Kansas 66031

913-768-1600

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 battery, checked and serviced. Repacked all wheel bearings. Checked ELT as per FAR 91.207(d)—no defects found. Replaced ELT battery—new ELT battery due date 02/03. Replaced nose gear donuts. 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 determined to be in airworthy condition.

John D. Cochran AP4898623681A

Advanced Aviation
5 Aero Plaza
New Century, Kansas 66031

913-768-1600

Date: 6-4-02 N716LG S/N: 10096 Tach: 772.6 TT Airframe: 1614.5

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 battery, checked and serviced. Repacked all wheel bearings. Checked ELT as per FAR 91.207(d). ELT battery due date 02/03. Replaced lower rudder bracket installed new bushings on nose wheel pant. Checked AD's to this date.

I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Joseph F. Tomczuk A&P500588301A

Advanced Aviation

5 Aero Plaza, P.O. Box 25
New Century, KS 66021

Airframe

Diamond N716LG S/N 10096

Date: January 2, 2003 Total time: 1614.8 Tach time: 772.9 Hobbs time: 2094.6 SMOH: 665.3

Inspected aircraft in accordance with FAR 43 appendix D for an Annual inspection. Using Diamond DA20-A1 Inspection checklist as a guide only. Lubricated all controls and rod ends, and wheel bearings. Charged and serviced battery. C/W FAR 91.207(d) ELT inspection. ELT battery next due @ January 2005. Filed nicks from prop. AD compliance checked thru revision 2002-26F. Non due at this time.

I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Edward P. Gagliardi AP26908531A

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

Altitude Reporting System Test and Inspection required by FAR 91.411 have been performed in accordance with paragraph (a) and (b) Appendix E FAR 43.

N/A Model N/A
Tested To N/A Feet

N/A Model N/A
Tested To N/A Feet

Altitude Reporting System Tested To N/A Feet

Paragraph (c) Appendix E FAR 43

I certify the ATC Transponder Test and inspection required by FAR 91.413 were performed in accordance with paragraph (a) and (b) Appendix E FAR 43.

Make N/A Model KT-76
W O # 120 Date February 14, 2003

Details are on file at Island Aviation Repair Station 025R111A

This to certify that the Correspondence Test was performed. The Altitude Reporting System tested to N/A Feet per paragraph C Appendix E FAR 43.

February 14, 2003 AP4898623681A

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the regulations of the Federal Aviation Agency and is approved for return to service.

Particulars of the repair are on file at Island Aviation Repair Station 025R111A

Signature: Joseph F. Tomczuk February 14, 2003

Signature of Authorized Representative: [Signature]
AP4898623681A

Island Aviation Repair Station 025R111A
Instrument Drive Suite A
P.O. Box 1000, Island, S.C. 29920

TACH SCALE CORRECTION CARD

Inst. P/N: D112-5240B

Serial No. 1643

Power Setting Indication

500 RPM 520

1000 RPM 1010

1500 RPM 1500

2000 RPM 2000

2500 RPM 2500

3000 RPM 3000

3500 RPM 3500

Inspector: [Signature] Date: 1/15/03

Diamond Aircraft DA20-A1 Katana—S/N 10096, Manufactured 1995

Date—05-05-03 Tach Time—0.0 Total Time in Service—1669.6 Adjustment—+1669.6
The following work was performed:

- Removed tachometer, P/N D1-112-5240, S/N 1067, due to failure of unit. (NOTE: Failure occurred in-flight, and aircraft was flown for 0.9 hours prior to tachometer change. Time in Service adjusted to reflect this variation.)
 - Installed tachometer new unit, P/N D1-1123-5240, S/N 1642. Operational check proved satisfactory.
 - Serviced brakes with fluid, Mil. Spec. 5606.
- Next inspection (Annual) is due at 01/04. I certify that this aircraft is in airworthy condition and approve it for return to service.

Keoki Gray A&P 576766876 1A

AIRFRAME LOG N716LG

May 30, 2003 TACH: 4159.8

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.

Christopher J. Chue
A&P 23139661 1A

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE					
BROUGHT FORWARD					
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:					
<ul style="list-style-type: none"> 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 Aileron Blockage P.C.W. (Next due at—N/A)					
AD97-13-02 Rudder 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:					
<ul style="list-style-type: none"> Replaced left gear-leg brake line with new, P/N 20-3240-20-02, due to leakage/unauthorized part. 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					
CARRIED FORWARD					

ENGINEERING RECORD

10

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

Reg: N716LG
Date: 05/07/08

Mfg: Diamond Katana DA20
Tach: 103.4

S/N 10096
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 G. Stalford

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 S/N 1642.

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 Madden A&P 3046975

Revised / 1/2/08

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
					Reg. # <u>N716LG</u> Model: <u>DA20-21</u> S/N <u>10096</u>
					Date Checked: <u>11-10-08</u>
					The Bendix/King Transponder K7-76A P/N. 066-1062-S/N <u>102582</u> complies with the AD 98-14-03.
					FAA Repair Station # <u>TXCR014</u>
					Authorized Signature: <u>[Signature]</u>
					Reg. # <u>N716LG</u> Type: <u>DA20-21</u> Tach: <u>0128.3</u>
					Date <u>11-10-08</u> Model <u>K7-76A</u> S/N <u>102582</u>
					The Transponder was tested in accordance with Part 43 Appendix F for compliance with FAR 91.413 this date.
					FAA Repair Station # <u>TXCR014</u>
					Authorized Signature: <u>[Signature]</u>

Reg: N716LG
Date: 08/24/09

Mfg: Diamond Katana DA20
Tach: 144.3

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 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. Prepped and painted upper fuselage, wings, wheel pants and tail surfaces with a single stage polyurethane Glacier White code mitaqmisc. Replaced wing root tape Diamond p/n 4611-1-1-2. Re-glued side wall carpeting both sides top with 1300L. Installed O/H Hoffman propeller hub 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.

I certify that this Airframe was Inspected I.A.W. a 100hr and was determined to be Airworthy Condition
Tom Madden A&P 3046975 [Signature]

I certify that this Airframe was Inspected I.A.W. an Annual inspection & was determined to be Airworthy
Tom G. Stafford A&P 521806343 I.A. [Signature]

CARRIED FORWARD

ENGINEERING RECORD

11

ENTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	INSPECTION, REPAIRS & REPLACEMENT	SIGNATURE	LICENCE NUMBER
	Reg: N716LG Mfg: Diamond Katana DA20 S/N 10096 Date: 09/8/10 Tach: 182.9 TTAF: 1852.5		
	I certify that this Airframe 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 <u>[Signature]</u>		
	I certify that this Airframe was Inspected I.A.W. an Annual inspection & was determined to be Airworthy Tom G. Stafford A&P 521806343 I.A. <u>[Signature]</u>		

1/5/2012 TT: 1864.7 Tach: 195.1
Diamond Katana DA20 sn 10096
Inspected aircraft in accordance with FAR 43 appendix D.
ELT tested/inspected IAW FAR 91.207d. Batteries expire Sept. 2012
"Diamond Inspection Checklist DA20-A1" used as a guide. See sheets this date.
Replaced pilot's side rudder peddle position cable.
Replaced wing tape. 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.

[Signature]
Martin Balk 2745004 A & P I.A.
END

I certify that the following tests were performed by Avionics One, Inc. Repair Station # X1VR985N, In accordance with FAR Part 91.413 and FAR Part 43 Appendix E & F.
Date: 26 APR 13 Work Order # 4254 Aircraft Tail # N 716 LG
Aircraft Make DIAMOND Model DA20 SN 10096
Transponder Make KING Model K776A SN 102582
Performed by [Signature]
(AOI Form 11) Rev 1

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE					
BROUGHT FORWARD	<p>I certify that this aircraft's transponder Model #KT76A S/N 102583 Has been checked in accordance with FAR 91.413, Part 43, Appendix F Date 12/15/2019 Signature <i>[Signature]</i> Sky Manor Avionics CRS# 5S4R079C 48 Sky Manor Rd. Pittstown, NJ 08867 CRS# 5S4R079C</p>				
<p>REG: N176LG DATE: 4-4-2018 TACH: 275.0 TOTAL: 1944.6</p>					

REGISTRATION CHANGE N176LG TO N144AA

Mechanically prepped fuselage. Removed all vinyl graphics and registration numbers. Refinished in Matterhorn White, Black 5087944, Charcoal 1484542, 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. I determine the work performed is in Airworthy Condition for approval of return to service.

Stephen Jackowski
AP3008621A

REG: N144AA DATE: 4-13-2018 TACH: 375.2 Total Time: 1944.6

Performed compass wiring. Updated compass correction card. Rebuilt pilot's brake master cylinder with new seals. Bled brakes. R&R silicon bonding straps with new. Replaced cracked canopy 1-A-W AC 43.13 section 3-40. Verified compliance of AD 98-05 by visual inspection. Original AD compliance entry dated July 13, 1995.

Ryan Dougherty
A&P 3699307

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 AD's through this date. AD93-05-06 ACS ignition switch due 3071 total. CW FAR 91.207(d) ELT inspection, battery due date October 2019. Tighten nose skinnies. R&R all control surface bonding straps. R&R K&N air inlet filter. R&R forward alternator adjustment arm. R&R all 8 exhaust springs. R&R both left and right position lights. Installed new fuel placard. Removed all wheels, cleaned, inspected and repacked all wheel bearings. R&R left and right main tires 5.0 x 5.0 x 6 ply. R&R all 4 brake pads. Bled brakes. Lubed all points. Ground run took and operational checks satisfactory. I CERTIFY I inspected this AIRCRAFT IAW an ANNUAL inspection determine to be AIRWORTHY and APPROVED return to service.

Stephen Jackowski
AP3008621A

ENGINEERING RECORD

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INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
N144AA	4/23/2019 Tach 395.5 Total 2065.1		
R&R con antenna p/n C1122 with new OR check sat			
4P3699307			
REG: N144AA DATE: 5-23-2019 TACH: 407.2 TOTAL: 2076.8			
<p>Airframe 100hr inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. AD93-05-06 ACS ignition switch due 3071 ACIT. Complied with FAR 91.207(d) ELT inspection battery due 10/2019. R&R left alt position light p/n A508-14 ops check sat. Removed all wheels, cleaned, inspected and repacked all wheel bearings, rotated main tires on rims. R&R left and right brake rotors p/n APS164-24200 Complied with Diamond Service Bulletin DA20-32-02 rev 0 by R&R nose gear fork assembly p/n 20-3220-08-00.1. I certify this airframe has been inspected IAW a 100hr inspection and is in an airworthy condition at this time.</p>			
Ryan Dougherty AP3699307			

REG: N144AA DATE: 8/9/2019 TACH: 503.8 TOTAL: 2173.4

Airframe 100hr inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. AD93-05-06 ACS ignition switch due 3071 ACIT. Complied with FAR 91.207(d) ELT inspection. R&R ELT battery p/n GS-52 sn off H1223017 on C0251519 battery due 8/2021. Lubed all points, serviced air filter, adjusted nosewheel tension. R&R right main tire 5.0 x 5.0. Ground run leak check satisfactory. I certify this airframe has been inspected IAW a 100hr inspection and is in an airworthy condition at this time.

Ryan Dougherty
AP3699307

ADVANCED AIRCRAFT MAINTENANCE

621 Airport rd Belle Vernon, Pa 15012 412-418-0735 FAA3KJR540C

2746.9
ACT: 2746.9 Reg: N144AA Date: 10/09/19
The following tests and inspections have been performed. The static system, Altimeter and Altitude reporting test Required by FAR 91.411 Appendix E of part 43. The Altimeter and/or ADC was tested to meet requirement up to 20,000 feet.

William Snyder

Advanced Aircraft Maintenance

621 Airport Rd Belle Vernon, PA 15012
412-418-0735 FAA3KJR540C

ACT: 2746.9 Reg: N144AA Date: 10/09/19

The following tests and inspections have been performed: The transponder tests required by FAR 91.413 In Accordance With Appendix F of Part 43.

William Snyder

Appendix 10/09/19

REG: N144AA DATE: 11/11/19 TACH: 602.6 ACTT: 2272.2
 Installed u/vionix skybeacon pin UAW 1001856-002 s/n 100753C in rh position light location Ops check sat.
 Soc form 337 dated 11/11/2019
 Stephen Jackowski
 AP30086211A

REG: N144AA DATE: 11-08-19 TACH: 602.6 TOTAL: 2272.2

Airframe 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 pads. R&R left and right caliper seals. Service with 5606 hydraulic oil. R&R nose tire. 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 IAW an ANNUAL inspection determine to be AIRWORTHY and APPROVE return to service.

Stephen Jackowski
 AP30086211A

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.

Stephen Jackowski
 AP30086211A

REG: N144AA DATE: 9/3/2020 TACH: 801.6 Total: 2471.2

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 date 8/2021. Serviced air filter lubed all points. I certify this airframe has been inspected IAW a 100hr inspection and is in an airworthy condition at this time.

Ryan Dougherty
 AP3599307

REG: N144AA DATE: 12/4/2020 TACH: 875.4 Total: 2545

Airframe 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. Serviced air filter. Lubed all points. I certify this airframe has been inspected IAW an annual inspection and is in an airworthy condition at this time.

Stephen Jackowski
 AP30086211A

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 date 8/2021. R&R left and right main tires 5.00x5. Repacked wheel bearings. R&R stall warning horn with new. Serviced air filter lubed all points. I certify this airframe has been inspected IAW a 100hr inspection and is in an airworthy condition at this time.

Ryan Dougherty
 AP3599307

CARRIED FORWARD

ENGINEERING RECORD

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

Airframe 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. R&R GS-52 ELT battery with new. battery due date 8/2024. R&R nosewheel tire with new 5.00x4. R&R nosewheel bearings with new pin RC2201695. R&R taxi light with new pin 010770346-00. R&R LH canopy guide bushing pin 20-5650-10-22. R&R transponder KT76A with repaired s/n 23809. Serviced air filter. Lubed all points. I certify this airframe has been inspected IAW an annual inspection and approved for return to service.

Stephen Jackowski
 AP30086211A

AIRCRAFT MAINTENANCE

TRANSPONDER CERTIFICATE

N# 144AA

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: JS W.O. 144AA-0624 Signed: JS

Advanced Aircraft Maintenance, Inc. • CRS# 3KJRS40C • PH: (724) 823-0200 • 621 Airport Road, Hangar 118 • Belle Vernon, PA 15012