



The Standard

AIRCRAFT LOG

ASA-SA-1

Record General Information

Owner ALBERT SMITH Model 5TD
49504-0116 Registration Number 85AS
Manufacture _____

Currently installed:

Owner NSI Model E481-135-TTBI Serial 101866, A30-244 A12-196
Owner _____ Model _____ Serial _____

Currently installed:

Owner NSI Model CAP 140
NSI Serial _____ Serial _____
WARP DRIVE Serial H6528 Serial _____ Serial _____
Serial _____ Serial _____ Serial _____

[illegible]

TIME IN SERVICE

- ~~Pre~~cover Inspection — Inspected both Left and Right wings and horizontal and vertical Stab. Inspected Rudder, Elevator and landing gear. All work was done Satisfactory. — END.
Jeremy Milloway AP51917972 IA *Jeremy Milloway*

Finished covering. Followed POLY-FIBER
MANUAL #1 REV. 15 *WTF* 519-72-6996

NG	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	—	0.0	Finished motor & PROP. RUN IN. Both worked well through the FULL RPM RANGE. NO PROBLEMS. <i>WDS</i> 51972699
	—	0.0	INSTALLED ELT. per AMERI-KING DOCUMENT # IM-450. INSTALLATION & OPERATION MANUAL. <i>WDS</i> 519-72-6990
	—	0.0	Assembled Aircraft following SKYSTAR & NSI INSTRUCTIONS. It is in a safe condition for flight. <i>WDS</i> 519-726990

RECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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I find this aircraft meets the requirements for a
Special Airworthiness Certificate for the purpose of
operating Amateur-Built aircraft and have issued a
Special Airworthiness Certificate and Operating
Limitations, Dated OCT. 18, 2000

The next inspection is due OCT. 31, 2001

SIGNED:

Ralph W. Chadburn
RALPH W. CHADBURN

NM-FSDO-07

TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
—	0.0	CHANGED MOTOR OIL & FILTER. CHANGED
—		GEAR BOX OIL. ALPS 519-72-6996
—	0.0	CHANGED OIL MTR. & FILTER, GEAR BOX OIL & INSP.
		REPLACED L & R SPAR PIN & BOLT. REPLACED
		BUNGEE CORDS L & R. INSPECT ALL CONTROL
		SURFACE HINGE POINTS. INSPECT RUDDER CABLES
		& CONNECTION POINTS. INSPECT CONTROL
		PIVOT POINTS. INSPECT ALL ELEC CONNECTIONS.
		REPLACED L & R FUEL LINES TO HEADER TANK.
		REPLACED VENT LINE TO HEADER TANK.
		CHECK & GREASE MAIN WHEEL BEARINGS.
		INSP. BREAKS, & CYLINDERS & LINES.

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2 hr	—	0.0	ANNUAL COMPLETE. NO PROBLEMS.
4 hr	—	0.0	ALL ITEMS NORMAL. Alto Smed 519-72-6996
			TIME ON CLOCK IS NOT RUN TIME.
			COMPRESSION CHECK. FULL RICH FULL THROTTLE.
			RIGHT REAR 80 RIGHT FRONT 99
			LEFT REAR 80 LEFT FRONT 80
5.0	—	0.0	Alto Smed TIME ON CLOCK IS NOT RUN TIME.
			INSPECT ALL CONTROL PIVOT POINTS. INSPECT WIRING.
			INSPECT FUEL LINES. INSPECT ELEV. TRIM MOTOR &
			MOUNT. INSPECT LANDING GEAR ATTACH POINTS.
			CHANGED MTR. OIL & FILTER. REPLACED
			SPARK PLUGS. CONTINUED NEXT PAGE

FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
—	0.0	MOVED FUEL PUMP & FILTER FROM FIREWALL TO UNDER PASSENGER SEAT. REMOVED GASCOLATOR. THERMAL INSULATED ALL FUEL LINES UNDER COWL. INSTALLED OIL COOLER & REMOTE FILTER. 5.8 QTS OIL CAPACITY. THERM. INSULATED ALL OIL LINES. MODIFIED COWLING. EXHAUST FOR TURBO COOLING EXIT FOX EXHAUST PIPE HEAT. INSTALLED SCOOP FOR OIL COOLER RADIATOR. INSTALLED SCOOP FOR COLD AIR INTAKE. PERFORMED NEW WEIGHT & BALANCE. ANNUAL COMPLETE NO PROBLEMS <i>W. S. Smith</i> 519726996

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
14.7		4.7	LOWERED ANTIFREEZ RADIATOR. REPLACED GEARBOX INPUT SHAFT SEAL. CHANGED GEARBOX OIL. ADDED RUDDER TRIM TAB PER SKYSTAR INSTRUCTIONS. NO PROBLEMS. ALTS 519-72-6996
17		2.3	RUDDER TRIM TAB WORKED VERY WELL. ALTS
17.6		2.9	MODIFIED FUEL SYSTEM TO ADD SECOND FUEL PUMP. BOTH FUEL PUMPS NEW. REPLACED ALL FUEL LINES FROM HEADER TANK TO WING TANKS. ADDED COWL FLAP TO TOP INTAKE VENT. GND. RUN OK. ALTS 519726996
19.3		4.6	FLIGHT TEST FUEL SYSTEM. OK ALTS 519726996
22.7		8.0	NEW UPPER MOTOR MOUNTS. ALTS 519726996

DATE	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-1-69	—	8.3	REPLACED LOWER ENGINE MOUNT RUBBERS. INSPECT & LUBE RUDDER CABLES. INSPECT & LUBE ELEVATOR CONTROL RODS. INSPECT & LUBE ALCON CONTROL RODS. INSPECT BRAKES & WHEELS. REPLACED GEARBOX OIL. REPLACED ENGINE OIL INSPECT BELTS-OK. & FILTER. INSPECT CONTROL SURFACE HINGE POINTS & LUBE. INSPECT TAILWHEEL. INSPECT FUEL SYSTEM FROM BOTH TANKS TO CARB. ALL WIRING OK. REPLACED LEFT STROB BASE & BULB INSPECT & CHECK ALL WIRING. ANNUAL COMPLETE NO PROBLEMS <i>Att: [Signature]</i> 519-72-649

CORDING CH VE	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			<p>N85AS has undergone a major change In accordance with the flight limitation for 85AS issued on 10/18/2000 Page 2 #8, The cognizant FAA office has been notified of this change on 4/4/16. Eric Mcrae of SLC FSDO Airworthiness Supervisor, FAA Mcrae approved the change + Indicated 85AS would need to be flown in its Test area until the 40 remaining 40 hours have been attained + the aircraft complies with 91.319(b).</p>

TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
		Eng. Tech 372127
		- Hobbs meter runs with the battery switch on Therefore aircraft total time is not Hobbs time. Need to subtract 45 hours from Hobbs reading.
		val engine removed and Rotax 912 VLS installed with a firewall forward pit including engine & oil cooler, radiator, cowl. hoses and electrical connections. Moved battery to the front face of right firewall at aircraft prop. Installed new Grove Spring landing new AeroChoc 8.50 X 6 4pr. tires. Checked controls, fuel and systems. Aircraft weighed and wt + balance checked within range. Set wt + bal this date. Aircraft be test flown per operating limitations.

E	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1/3/14	T.T. 8.3 HRS	(cont)		Installed new E&T Batteries New Date. April 2018. Function tested satisfactorily. Engine tach time will be used for computing time on aircraft. Engine tach time is <u>372.27</u> . and Airframe total time is 8.3 HRS. Aircraft inspected this date. I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D, Part 43 and found to be in a condition for safe operation. Michael A. Penkin AIP 1986600. End.

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
b b 404.0			Engine Tach Time - I certify that the Prescri test hours (40) have been completed and that this aircraft is controllable throughout its range of Sp and throughout all maneuvers to be executed, has hazardous operating characteristics or design fea and is safe for operation Terry Tanner Terry Tanner 10/8/11
3/11/ 407.2			moved battery to the cargo area for improved CG. New weight & Balance Performed. Copy with Flight Limitations

E	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-17	Eng. Tach Time		437.0	Performed FLT function test, satisfactory. Aircraft inspected this date, I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D, part 43 and found to be in a condition for safe operation. <i>Michael A. Jenkins</i> AIT 1986600 <i>End</i>
+ 56.27	Hobbs			TACH/Hobbs difference
+ 65.81 -	Tach time			9.54 Hour missing on Airframe per Tach time
2018	497.81	Engine Tach		Sold Kitfox 85 AS to Dave Stalter 169.3 Airframe time. <i>Darrylanner</i> Owner ✓ 160.3 Prop - WARP DRIVE

Date: 11/08/2018

Registered Owner	
Name:	WELTON MARK
Address:	

Weight		CG Range	
Maximum Weight:	1400.00	FWD:	9.96
		AFT:	14.75

As Received				
Previous Weight and Balance Date:		07/20/2018		
Empty Weight:	806.00	Useful Load:	594.00	Empty Weight CG: 11.19 Moment: 9020.00

[illegible]

New			
Empty Weight:	810.20	Useful Load:	589.80
		Empty Weight CG:	11.14
		Moment:	9022.10

Notes: THIS WEIGHT AND BALANCE REPORT REFLECTS 1 DEGREE FORWARD SWEEP.

As Calculated: ☒

As Weighed

Prepared By:

Cody Mackey
MAPOLES AVIATION
7900 SKYHAWK ROAD
PACE FL 32571

Signature:

Printed Name:

Repair Agency No:

Cody Mackey

3773569 A&P

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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185AS 11/13/2018 KitFox Series 5 SN: A9504-0116 Tach: 522.02

Installed Stratus ESG ADS-B transponder PN: 153510-000018, SN: 060268; RAMI WAAS Ant
N: AV-801-A, SN: 180869; Stratus Power PN: 153010-000029, SN: 062088; and Transcal
Altitude encoder PN: SSD120-30N-RS232, SN: 25585. Calculated new weight and balance,
see aircraft records. Performed operational checks of all new equipment
referencing manufactures installation and maintenance manuals with no defects
noted at this time


Roddy A. Mackey A&P 3773569

		522.02	Engine time	+24.21 ✓
			Airframe	
			Prop	

DATE 2019	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-15	566.59		239.7	PLANE TAKEN DOWN FOR CONDITION inspection
			-45.0	Correct Total Time is $239.7 - 45 = \underline{\underline{194.7}}$
			↑	So Real Time is AS Follows:
			See Log	TT = 194.7
			4/8/2016	Engine = 566.59
				Prop = 186.4
Time to START of Panel	After Prop	Rebuild Hobbs	TT	Total Removal of all WIRING AND AVIONICS. Totally New Panel. STARTED
566.59	186.4	194.7		<u>Sub</u> Added EXTERNAL STATIC 7/10/21 Port - Aft before Horizontal START

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5 S/N: A9504-116 TTAF: 194.7 **GARMIN**

Service aircraft with reference to the scope and detail of 14 CFR Part 43, Appendix D. K E-04 ELT, S/N: 00977, tested in accordance with 14 CFR Part 91.207 (c), battery due. Replaced existing avionics; Installed new Garmin G3X suite, Garmin G5 and Stratus ESG. Replaced VHF COMM antenna with new COMANT VHF antenna. Installed new wheels T3 tailwheel spring assembly and 3200B tailwheel assembly. Removed plastic. Installed new aluminum header tank. Replaced all fuel lines. Removed wingtip strobe. Installed new AeroLEDs wingtip NAV/Strobe/position lights. Installed new AeroLEDs Aero Sun. Installed new windscreen and turtledeck. Weighed aircraft, new empty weight 823 lbs. CG 12.04". I certify that this aircraft has been inspected in accordance with a condition and was determined to be in a condition for safe operation.

Neal E. George
Neal E. George, A&P/IA 2877828

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	De Ent Fac
19__				

TRANSPONDER CERTIFICATION LOG
THIS TRANSPONDER WAS TESTED AS REQUIRED BY 91.413 (a) AND FOUND TO BE WITHIN THE LIMITS OF FAR PART 43 APPENDIX F

DATE 1/15/2022 S/N 06
TYPE ESG INSPECTOR N 855AS



FLIGHT CONTROL SERVICES
CERTIFIED REPAIR STATION #0F
5550 N. AIRPORT ROAD
MILTON, FL 32583 (850) 665-1111

3/12/22	49.3	.2	51.4	GAR
	615.89		246.1	GAR
				Rec
				IN
				Par

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Description of Inspections, Tests, Repairs and Alterations

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TRANSPONDER CERTIFICATION LOGBOOK ENTRY

THIS TRANSPONDER WAS TESTED AS REQUIRED BY FAR PART 1.413 (a) AND FOUND TO BE WITHIN THE LIMITS SPECIFIED IN FAR PART 43 APPENDIX F.

DATE 1/15/2022 S/N 060268TYPE ESG INSPECTOR D. Smith

FLIGHT CONTROL SERVICES

CERTIFIED REPAIR STATION #0FHR414L

5550 N. AIRPORT ROAD

MILTON, FL 32583 (850) 665-2130

Note New GARMIN
System ENGINE:

566.59

TTAF:

194.7

122 ⁰	49.3	2	51.4	GARMIN G5 - Replaced by
	615.89		246.1	GARMIN DUE TO Mass Warranty Recall/ Replacement. Installed in original STATIC/Pitot an Panel Slot.



4JQ030628

3/1/22 7:24 AM

DING	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
		275.8	Changing out STRATUS Transponder. Begin INSTALL of GARMIN 375. 5GJ005027
			INSTALL New G5 Backup Battery - WARRANTY Replacement 011-03893-02 1/24/22
			GTR 20 #2 011-03007-10 2nd Remote Comm
	290.1		INSTALLED New Whirlwind Prop.
			GNX 375
			GAD 29
			GTR 20 #2
			RAM COMM ANTENNA #2
2		312.4	Begin ANNUAL Inspection

DATE 2023 19	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
2/18	682.2 683.6	1.3	313.7

18 Feb 2023

N85AS Kitfox S5

S/N: A9504-1

Inspected and serviced aircraft reference manufacturer's instructions for 100-hour inspection. Removed and opened filter, no metal shavings. AeroShell Oil Sport Plus 4. Air filters checked. Disassembled, cleaned and inspected. I hereby certify that this aircraft has been inspected and found to be in a condition for safe operation.

E 23	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5	682.2 683.5	1.3	313.7	Will Place Neal's Print out here - Test Flight

Feb 2023

5AS Kitfox S5

S/N: A9504-116

TTAF: 312.4

TACH: 682.2

Inspected and serviced aircraft referencing the scope and detail of 14 CFR Part 43, Appendix D and the manufacturer's instructions for 100-Hr/Annual Inspection. Replaced Exhaust down-pipe. Drained oil, removed and opened filter, no metal found. Serviced engine with new Tempest AA825706 filter and ProShell Oil Sport Plus 4. Air filters cleaned and oiled. Wheels bearings cleaned, inspected, and repacked. Reassembled, cleaned and inspected brake master cylinders; reassembled with new O-rings; bled brakes. I certify that this aircraft has been inspected in accordance with a Condition Inspection and was determined to be in a condition for safe operation.


Neal E. George, A&P/IA 2877828



Date: 2023-02-17

Make: Experimental

Model: Kitfox V

Serial No.: A9504-0116

Reg. Number: N85AS

Tach: 682.2

TTAF: 312.4

Work Performed

m inop. Discovered #1 comm antenna disconnected. Reconnected and #1 Comm check sat. ARINC 429 error message on PFD.

red no power to GAD 29 and CAN bus not properly terminated. Ran power and ground wires to GAD 29 and terminated CAN bus at

and GMU 11. No error messages noted.

David W. Skelton, A&P 3113108, IA