N109CT



The Standard

A. 32. - 32. - 1

11/9/23 Tach Time:384.4 Total Time:655.6 658.5 Airplane weighed and new weight and balance recorded. Weight and balance sheet updated and POH amended to show the change.

Signed: Owner/LSRI-Carl Mattison-4800974

ΥI	ke: FLIGHT DESIGN GMBH Reg: N109CT SN: 04-12-05 Page 1 of 1	
_	Ne. PLIGHT DESIGN WITH THE PROPERTY OF THE PRO	Repair
D،	frame: Lubed all flight controls and hinges. Inspected all control, Inspected wheel assemblies and brakes. Tied loose BRS	
_	ers. Chacked torque of horizontal stabilator. Performed ground run and operational check of systems. Work with reference to	
	the Design CTSW Flight & Maintenance Manual and 43 Appendix D. : I certify that this aircraft has been inspected on	
	18/2024 in accordance with the scope and detail of appendix D to part 43 and was found to be in a condition for safe	
_	eration. —	
	DY'K J. My Sty/U/THAP227863044	
_	-14- Wy 11-11-	
		
	lake: FLIGHT DESIGN GMBH Reg: N109CT SN: 04-12-05 Page 1 of 1	_
	ate: 04/18/2024 Model: CTSW Tach: 694.1 Aircraft Total Time: 694.1	
	irframe: ELT, Inspected and tested the ELT system in this aircraft according to applicable Aircraft and ELT manufactures	
	structions, and applicable FAA guidance and found it meets the requirements of FAR 91.207 (d). Next battery replacement due	
	y: NOV 2027	
	10 1 - 1 AP22/863044	
	 	

YEAR: RECOFTACH TIME	1 FL	ODAY'S LIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Teacility. (See back pages for other specific entries.)	echnician or Repair	YEAR: DATE	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.)
			Rei for Rei tub Ma Che	26/23 Tach Time:377.2 Total Time:651.3 moved right wheel and tire. Checked right tire puncture and debris and nothing was found. placed right tube with new. Reinstalled right e/wheel per Flight Design Maintenance nual. Inflated tire and checked pressure. eck OK. ned: ned:					Remov replace by Fligh inspect Mainter tank an connect Wing re was rer reinstal Signed	ded wings for spar inspection and sight tube sement. Fuel Sight tubes and hose clamps supplied intDesignUSA. Sight tubes replaced. Wing spar's red and ok. Wings reinstalled I/A/W Flight Design mance Manual. 5 gallons of gas added to each wing and sight tubes were marked for 5 gallons. All fuel stions checked for leaks and none were located. Toot gaps were taped with 3M 471 tape. Plane tach moved and adjusted to show correct total time and led in dash. LISRI-Carl Mattison-4800974

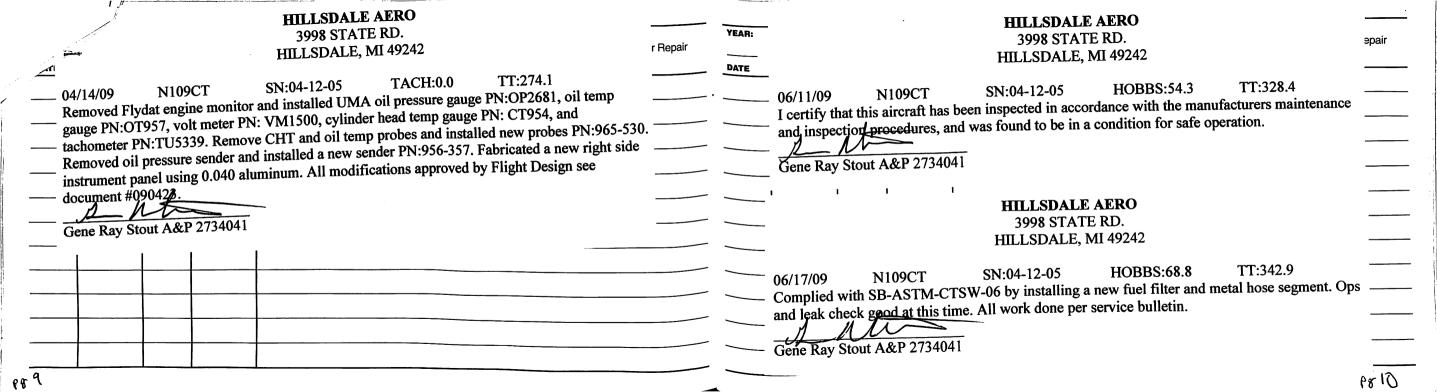
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)	YEAR:	RECORDING TACH TIME	TODAY'S 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.)
			Re un an Ins	27/23 Tach Time:368.3 Total Time:642.4 emoved left side dash. Removed D10A, Auto pilot it, transponder, altimeter, airspeed, VSI, slip skid d ELT. Fabricated new dash from .100 aluminum. stalled AV-30E with tailbeaconx transponder ADSB out, Blaze airspeed, blaze altimeter/VSI mbo and 406 ELT. ELT battery due 10/2027. emote battery due:10/2026. All instruments tested d all work completed per installation manuals for e above listed equipment. gned: wher/LSRI-Carl Mattison-4800974				F 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Removed left dash and lower middle dash. Removed COM radio. Fabricated new lower dash from .100 aluminum. Installed new switches in lower dash. Factory circuit breakers reinstalled in new lower dash canel. Installed MGL V16 radio with 2.25" control head with factory built wire harness. Radio adjusted per the included installation and instruction manuals. All work coerformed according to MGL installation instructions. Signed: Owner/LSRI-Carl Mattison-4800974

YEAR: DATE	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.)	YEAR: DATE	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.)
7-1-24	352.6		626.7	Inspected KLT I/A/W 91,207D I certify That This aircraft was inspected I/A/W a annual condition inspected I/A/W a annual condition inspusing Manufactures insp sechedal as a guide and was found To be in a safe condition for continued flight ELT Ballany due 2026 2496064 A+P					I find that the aircraft, N109CT, meets the requirements for the certificate requested and have issued a Special Airworthiness Certificate, FAA Form 8130-7, with Operating Limitations dated 07/07/2023 for the purpose of operating an Experimental Light Sport Aircraft certificated under § 21.191(i)(3), which was previously certificated on 04/11/2005 as a Special Light Sport Aircraft under § 21.190. Signed: Susan Fournier FAA DART-114324141, assigned to; PWM FSDO

			400 274.1						
YEAR: 20 U		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.)	YEAR: 2012 DATE	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.)
7/29/2011	347.9		622.0	Inspect Airframe + Propeller IAW 43.13 and manufactures	3-30-12				Replaced RH Two assymbley. Inflated Both Mil-Thos
		orls. L	obel all	hinges, rod ends, cables, piviot points, Locking mochanisms. UW	40	35 psil	Iuflatio	i pressive	on Tires), Rachamo A+P 2856488
5/N-A	SIM-CTS	W-03	Opper R	odder King insp , 00 deleas motel clw 58-ASIA-CTSW-01-Radiober	8-15-12	•		•	Justich Airfrance & Propellor Jan 43.13 and manufactures Maintensive
					Marvol:	. Loded a	11 hige	, rod onls	castos, piviot points + lockery medicisms, elw all captible
922.00.	- Hard Land	ing or	07/2012, U	w SB-ASTM-CTSW-Ob Fuel Filter exchange install element, no dirt	Service	ce Sulden	s. Insp	at 1 + 5/H	+ perforal growthood checkent the 91.207(1) I contify
present, 1	easse usted	+ Lk d	eld. Remou	ed EIT, replaced Battries, Refrestatter Performed checkout TAW 91,207(d)	frut fr	is gut		11	ne in an armothy condition and votored to service, the
feinstill	elt. Bo	ithries N	ext Due	Mar 2017, I Certify that this Airframe + Propeller and in returned to service, Frederic N Grooms AP 2856 488	Anhval	conditi	onal E	uspeckin	Ful y Coms Frederic N Grown Atl 2856488
an air	worthy co	ndition	and are	returned to service, File in Gum AP 2856 488	7				
1 1	in yearly	condi	fromal in	spection Fub	6-15	-23	Ke	Moce	d wings ton browned hunsperhalion
9/15/11				Replaced Right Mlg tube assay. Itw FD Mator inounal		THE	ecte	of and	LE INSTALLED WING I/A/W Flight design
Ful	- h	Cu	> F	everic N Growns Atl 2857 488.			MANC	e Mu	AUG I INSTAlled New WING FOOT FUEL HOSES
Del (W /		_				DN Versel 2496064A+P

	or Repair	HILLSDALE AERO 3998 STATE RD HILLSDALE MI 49242	Repair
10/1/09 N109CT SN:04-12-05 Tach:190.6 TT:461.7 Replaced nose tire, and tube with a new 400-4 tire, and a new tube, inflated to 29psi. Leak check good at this time. All work done per flight design service manual. Gene Ray Stout A&P 2734041		4/23/2010 N109CT SN:04-12-05 HOBBS:276.9 AFTT:551.0 Installed a firewall blanket. Repaired air box, and replaced rubber engine mounts. Repaired both seats, and left wheel pant. Inspected ELT in accordance with FAR91.207, ELT battery due replacement 3/2013. I certify that this aircraft has been inspected in accordance with the manufacturer's maintenance and inspection procedures, for a yearly conditional inspection, and was found to be in a condition for safe operation.	
Engine Log Book Entry		GENE RAY STOUT A&P 2734041	
Date: 12/3 Engine Time:		10/15/10 335.6 609,7 Replaced Redictor shock mounts w/ new M	
Installed the TAS 100 preheater system, S/N 39860 in accordance with Tanis Aircraft Services instructions and drawing NO. 131 LH Name: A & P#: 273 404 1		from Flight design USA. he positioned oil + coolart hoses to relie pre on Both validors, Ran up englie - voleaks Notel. All major TAW Flight Maint named [service bulleties, Acti returned to service Frederic N Grown, 18856488 Full U Gano 18856488 Full U Gano 18856488 Full U Gano 18856488 PC 310 Dom 22 Juli 18 Growns AAP 2856488 PC 310 Dom 22 Juli 18 Growns AAP 2856488 PS	at Derga

HILLSDALE AERO 3998 STATE RD. HILLSDALE, MI 49242	n or Repair	3998 state Rd. pair Hillsdale, MI 49242	
— 06/25/09 N109CT SN:04-12-05 HOBBS:79.3 TT:353.4 — Replaced right main tire PN:400-6, and tube with new. Leak check good at this time. All work done per Flight Design CTSW service manual. — Gene Ray Stout A&P 2734041		09/23/09 N109CT SN:04-12-05 Tach:180.4 TT:454.4 Inspected ELT in accordance with FAR91.207 D, battery due replacement 03/2010. certify that this aircraft has been inspected in accordance with a 100hr conditional inspection, in accordance with the manufacturer maintenance and inspection procedures, and was found to be in a condition for safe operation.	
Hillsdale Aero 3998 state Rd. Hillsdale, MI 49242 SN:04-12-05 Tach:163.8 TT:437.9		Gene Ray Stout A&P 2734041 Hillsdale Aero 3998 state Rd. Hillsdale, MI 49242	
- 09/08/09 Replaced left main tire with a new 400-6 tire and inflated to 29psi. Leak check good at this time. All work done per flight design service manual. Gene Ray Stout A&P 2734041		10/1/09 N109CT SN:04-12-05 Tach:183.6 TT:457.7 Replaced both main tire with a new 400-6 tire, and a new tube in the left main, inflated to 29psi. Leak check good at this time. All work done per flight design service manual. Gene Ray Stout A&P 2734041	



YEAI	3998 state Rd.	pair	YEAR:	HILLSDALE AERO 3998 STATE RD. HILLSDALE, MI 49242
	O8/10/08 N109CT SN:04-12-05 Tach:180.0 TT:180.0 I certify that this aircraft has been inspected in accordance with the manufacturer's maintenance and inspection procedures, and was found to be in a condition for safe operation Gene Ray Stout A&P 2734041			O3/11/09 N109CT SN:04-12-05 HOBBS:252.1 TT:252.1 Installed an alum cover and reinstalled headset jacks. Lubricated both door latches. Lubricated elevator controls and elevator. Adjusted baggage door latches. Adjusted prop pitch. All work was done in accordance with Flight Design Maintenance and Inspection Manual. Gene Ray Stout A&P 2734041
	Hillsdale Aero 3998 state Rd. Hillsdale, MI 49242			
 	11/14/08 N109CT MN: ROTAX 912ULS SN:56-44-295 Tach:226.2 TTSN:226.2 Removed both carburetors disassembled, cleaned, and installed a new seal kit PN:999-520 from Leading Edge Airfoils. Reinstalled and synchronized. Ops and leak check good at this time. All work done in accordance with Rotax service manual.			
_ 	Gene Ray Stout A&P 2734041			

YEAR: 2004 DATE	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.)	YEAR: 2006 DATE	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.)
4/25	93.8		93.E	LUBED ALL HIMES, Conque Reps, BEARINGS, REPLACED	7/17	137.6		137.6	Menoved + Replaced left main tube P.N
				LANDING LIGHT of PHILLIPS 6643. SISTA					4.00x6. Serviced brake reservoir w/ 5606. All
				AAD 449510780					work accomplished IAW Flight design service
4/25	93.8		93.8	In Accompance With AN Anna Condition Inspector					Manual.
				In Accompance Will AN Anny Con Dition Inspeace					Martin Kolbe Adf-3041308
				d Was DETERNIND TO BE IN An Alayones Consister					Mink
				5/12/					
				ASP 449510HO					
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0 K 5									

YEAR: OS DATE	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.)	YEAR: 2004 DATE	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.)
6.8	45		47.5	CHANGE OIL - FILTER - CASTROLGTX SU 10W30 CHANGE OIL PRESURS SWITCH	4/25	93.E		93,8	COMPLICA WITH FLIGHT DISHARS SATTLY DIRECTORE
	11:7 5	s ii		Tom Gutmann					Complied at SERVICE DARGERY & #9. REDIRE ENERS DE
6-11	49.9	: 7	50.6						INSPECTION OF MAIN LANDING GEAR SPRING - NO DETECTS
615			51-3 52.3	LCL					MOYER AY THIS TIME - DUE SWAM @ ANNUAL, 300 HAS
6:22				Donand Tall & Mit					AIR BOX & AXIE VALVE, INSTALLED REMOTE MOUNT COMPASS
	O	J-000		Ceft is broken / Teet adver # Q D sheet					DENOW GRAGE SHILL PRAKERING COMPASS SWIME A INSTILLED DENIATION CARD, FARAMATED GLARIFICED MOUNT FOR
				Mount John 1Koh					605 Proxing Ingerision IN Accordance of CT-154
e83.					_				MAINTENANCE CHECK LIST, CHECKED CONTROL SURFACE TAN

YEAR: 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 o	r Repair	YEAR:	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.)
					4.07	2.1		2.1	THIS AIRCRAFT HAS NOTHING INSTALLES
			REF: FAR 91.413			()			THAT THE FAA. CAN ISSUE AN AD AGING.
			I Certify the \mathcal{T} - $\lambda \infty$ 0 ATC Transponder			Tom	of the		TOM GOT MANN, HIRTIMS AVIATION APPRICASS ASENT
			S/N 7-20001-00/3 and the Altitude Reporting)		
			System was tested & inspected I/A/W AC 43-6B,		4.7	21		2.1	FACTORY FLIGHT, GROUND TEST AND ADJUSTA
	 		Par 6 & 8 & Complies with FAR 43 Appendix E						COMPLETED BY FACTORY TEST PILOT ALEXANDE
			Paragraph C & Appendix F Date: 4-7-05 Sig.						REINT AND AIRCRAFT HAS BEEN ASSEMBLES
			Instrument Repair Cert# 25893 48						AND INSPECTED PER MFG. SPEC. AND
			For Porter-Strait Instrument Company, Inc.						FOUND TO BE IN CONDITION FOR SAFE
			Tulsa, Oklahoma FAA# EI2R795K Aircraft N# 10907 Ref w 88210						ODDED ATION
			Per a control			Jon	La	<u></u>	Tory GOTMANN AIRTIME ACIATION APPRICED AGENT
	 								KEPLACE ELT BATTERY +2 2012 04/07

YEAR:	TOTAL TIME IN	Current Weight	and Balance Inf	ormation		
DATE	SERVICE	Empty Weight	Empty C.G.	Useful Load	Remarks	
Tach Tota I find issue	d this airc ed a Speci	.1 Service: 2.1 raft meets the rall Airworthine	ess Certificate of	or the certificated 04/11/20	tion requested, and I have 05. The next inspection is due	
	05/01/2000 led: Joe B	roker fae	Broken			
	ASI-C	okc-fsdo-s	W 12			

ircraft Record General I		CTCL	
anufacturer FLIGHT DESIGH		_ Model	
erial 04 - /2 -		Registration Number _	N 109 CT
ate of Manufacture/	2-21-04		
ngine(s) currently installed: anufacturer_RoTAX	Model 9/25	· ·	Serial 56 44 295
			Serial
^{ropeller(s)} currently installe lanufacturer <u></u>	ed:	Model	
UB Model			Serial
			Serial
^l ade Model	Serial	Serial	Serial
