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Records of Maintenance, Inspection and Test

Date	Total time since new (airframe)	Records	Approval
6/20/2021	530.0	TIRE AND TUBE REPLACED NOSE WHEEL ASSY PER FLIGHT DESIGN MAINT AND INSPECTION PROCEDURES MANUAL. OK PER SERVICE 	
4/8/2023	HOBBS 586.0	C/W FAR 910207. PAR. DON ELT CHECKED BATTERIES ALL 1.59 VOLTS C/W BY INSP. & FUNCTIONAL TEST. I CERTIFY THAT THIS A/C HAS BEEN INSPECTED I/A/W FAR 43 APP D SCOPE & DETAIL. C/W CONDITION INSPECTION & FOUND AIRWORTHY 	

Record on Mar			"I find that the aircraft meets the requirements for the certification requested and have issued a special airworthiness certificate dated <u>09 MAR 2017</u>	19
YEAR: <u>2017</u> DATE	SB (SA) / No.	TOTAL TIME IN SERVICE		Implemented by
<u>3/9/17</u>	<u>468-4</u>		The next inspection is due <u>04-2018</u>	
			Signed: 	
			Paul L. Mather, 	
<u>6/9/2017</u>			on or about 4-19-2017 aircraft had a hard landing damaged nose wheel and fork.	
			aircraft wings removed for transport to S M A	
			wings install after transport as per Flight	
			Design Maintenance and inspection Manual as per	
			H.1.2.5 - H.1.2.6.	
			inspection of landing gear and nose landing gear	
			as per Manual H.3.1.6 - H.3.1.6.4	
			Replace nose fork with new as per H.3.1.7 - H.3.2.5	
			Replace nose wheel with new as per H.3.1.8	

and tail, take axle.
(over)

ANNUAL INSPECTIONS

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Airworthiness Directives Listing of Compliance and Method of Compliance

YEAR: DATE	A.D. Number	TOTAL TIME IN SERVICE	Method of Compliance	Implemented by
15-Jan-2015	N165CT	S/N 06-03-09	Hobbs : 437.0	
C/W with Annual Condition Inspection IAW Flight Design Inspection Procedures Manual.				
Complied with the following Flight Design SN's and SB's: SN-ASTM-CTSW-03, SB-ASTM-CTSW-01, SB-ASTM-CTSW-02, SB-ASTM-CTSW-10-rev1, SB-ASTM CTSW-12 by inspection.				
Conducted operational check on ELT IAW 91.207(d). ELT Battery Due 3/2015 . All other				
SN's, SL's and SB's from list dated 03-01-2015 were either N/A or PCW. Installed Flight				
Design procedure 070720, Nose Gear Damper exchange.				
I certify that this aircraft was inspected IAW MFG inspection procedures and was found to				
be in condition for safe flight.				
[Redacted Signature]				
A.C. Grimes Jr.				
7/24/15	442.9		C/W 2 year wing inspection.	
			removed wing, checked for cracks	
	next due		^{none} no more found. Re installed and	
	7/24/17		performed fuel filter check. All	
			in spec.	

21-July-2011 N165CT S/N06-03-09 Hobbs: 126.8

C/W Main Landing Gear Inspection, disassembled, inspected & reassembled. C/W 2-Year Wing Inspection, installed new fuel sight gauge tubing and reinstalled wings. Installed new nose gear rotation assembly and rigged steering. Installed new nose wheel, tire, tube and nose wheel fairing. Installed new propeller assembly. Adjusted prop blade pitch angle to specs. C/W 1000 Hour Neuform Propeller Inspection Requirement. Refinished Spinner and Lower Cowling. Repaired Left Seat. All work completed I/A/W Flight Design's M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO6723.

Signature

Joseph A. Benton, A&P

21-July-2011 N165CT S/N06-03-09 Hobbs: 126.8

C/W Rotax 5-Year Hose and Rubber Component Replacement and Carburetor Overhaul. All items Operation Checked and Leak Checked. All work completed I/A/W Flight Design's M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO6789.

Signature

Joseph A. Benton, A&P

28-July-2011 N165CT S/N06-03-09 Hobbs: 126.8

Installed Garmin 396 NavData & Obstacles data base updates.

07-November-2011 N165CT Hobbs: 132.1

Installed new landing light and lens - OP's checked OK. Installed new Garmin GPS backup battery - OP's checked OK. All work completed I/A/W Flight Design's M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO7015.

Signature

Joseph A. Benton, A&P

Major Alterations

Records

Approved
by

25-April-2012 N165CT S/N06-03-09 Hobbs: 135.4

C/W Annual/100 Hour Condition Inspection. C/W 1-Year ELT Inspection I/A/W FAR91.207d, Batteries Expire: March 2015. Installed BRS parachute & collar Model BRS-6 1350HS Built: Jan 2007 S/N19556 Weight 29 lbs 2 oz. Expires: 01/13. Installed new AFT Strap. Installed new Hand Held Fire Extinguisher, First Alert "Tundra" per Flight Design's LOA 091126. All work completed I/A/W Flight Design's M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO7377. I certify that this aircraft has been inspected on 25-April-2012 I/A/W the manufacturer's maintenance and inspection procedures, and was found to be in a condition for safe operation.

Signature

Joseph A. Benton, A&P