

AIRCRAFT AND ENGINE

LOG BOOK

N 806GT

LOGBOOK #

1

DATES FROM

7/13/2012

TO:

RECORD OF OWNERSHIP

NAME Kenneth Moler			NAME Richard Moler		
ADDRESS			ADDRESS		
CITY	ST	ZIP	CITY Kansas City	ST MO	ZIP
FROM: 2012 TO:			FROM: TO:		
NAME David C. Pastor			NAME		
ADDRESS 1100 mistle toe Rd.			ADDRESS		
CITY Monmouth	ST OR	ZIP 97361	CITY	ST	ZIP
FROM: TO:			FROM: TO:		

ENGINE DATA

on engine plate

MAKE

ROTAX

✓ Done 3/24/24

NOTES

MODEL

912

5652431

Pre 2008 = 1500 -> 2000

SERIAL #

~~9123~~ 80173675

Not a serial #

H.P.: 100 MAX RPM:

→

Correct # is 5652436

REDUCTION RATIO:

H.P.:

(see attached documentation)

FUEL WITH:

3/2024

Done 3/24/24

OIL TYPE:

MIX RATIO:

RECOMMENDED T.B.O.:

1200 1500-2000

MAKE

NOTES

MODEL

SERIAL #

H.P.:

MAX RPM:

PLUG GAP:

REDUCTION RATIO:

H.P.:

FUEL WITH:

OIL TYPE:

MIX RATIO:

RECOMMENDED T.B.O.:

AIRCRAFT DATA

MAKE	NOTES
MODEL	
SERIAL # 110800050	
N# N8066K	
MFG. DATE: DATE IN SERVICE:	
SPAN: LENGTH: HEIGHT:	
GROSS WT.: EMPTY WT: 783.8	
WING LOADING lbs. / sq. ft.	
FUEL CAP.:	
LOAD FACTORS + -	
STALL SPEED:	
CRUISE SPEED:	
BEST CLIMB:	
BEST GLIDE:	
Vne:	

110800050

[illegible]

[illegible]

DATE 20 <u>12</u>	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKES, MODELS, SERIAL NUMBERS.
8/28	40.0	<p>I certify that the prescribed Flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features, and is safe for operation.</p> <p>The following aircraft operating data has been demonstrated during flight testing: speeds V_{SO} 45 mph, V_X 70 mph, and V_Y 75 mph and the weight 1320 lbs, and C.G. location 90.5 at which they were obtained.</p> <p style="text-align: right;">Kenneth C. Moler</p> <p style="text-align: right;">271433</p>

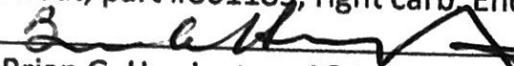
DATE 20 <u>12</u>	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
8-29-12					Oil Change	
10/1/13	58	58			Annual inspection of aircraft Complete. Removed all inspection plates & covers visual inspection of wing ribs and spars control cables struts, and fittings. checked tail section rear fuselage, battery cables, pulleys, turn buckle, fuel lines & fittings, shut off valve, rudder cables, rods & brake lines. checked landing gear, nose wheel and attach points, wheel & bearings, brake pads, checked canopy & plexiglass.	
					TOTALS THIS PAGE	
					AMT. FORWARD	
					TO-DATE TOTAL	

DATE 20 <u>14</u>	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
11/6/14	106	106			Removed upper + lower cowl, interior, all inspection plates + panels. Changed oil and Filter and replaced with 3.2 qts Aeroshell Sent Plus 4. Checked all linkages + cables and lubed all main joints. Inspected main spar - wing spar attach bolts. Fuel lines + Fittings, shut off valve + replaced Fuel Filter. Checked + cleaned governor. Checked brake lines + brakes, landing gear attach points, wheels and bearings. Checked battery, connections + cables. Checked prop, hub, and spinner. Compression 1/78 - 2/78 - 3/78 - 4/78. Replaced	
					TOTALS THIS PAGE	
					AMT. FORWARD	
					TO-DATE TOTAL	

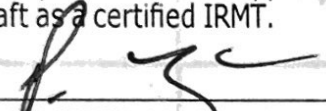
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DATE 20 <u>16</u>	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
2/6/16	153	153			Removed wheel pants, upper + lower cowling, all inspection panels, floor panels and interior seats and baggage bulk head panel. Compression/leak down test 1/78, 2/78, 3/78 4/78. Installed new spark plugs, removed engine oil + filter. Installed filter and added 3.2 qt Aero Shell Sport Plus 4 oil. Checked + lubricated all linkages, horn joints, pivots, and hinges. Inspected wing spar bolts + nuts, fuel lines, brake lines, landing gear. Removed wheels, tires, + brakes. Cleaned + regrease wheel bearings. Installed new brake discs + calipers. Mounted new right main tire.	
					TOTALS THIS PAGE	
					AMT. FORWARD	
					TO-DATE TOTAL	

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DATE 20 <u>23</u>	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
		179.0				
	X Brian G Harrington-Light Sport Inspection & Repair LLC X 231-675-6307, www.rotaxrepair.com					
	Date: 12-27-23	912 Carb Overhaul		N806GK		
	Engine Log Entry: Rotax 912 Carb 200 hour rebuild. Conducted Rotax carb overhaul per Maintenance Manual, 73-00-00 3.3. cleaned and installed rebuild kits in each part # 999521. Tested per Maintenance Manual 3.3.2 Leakage test satisfactory both carbs. Replaced throttle spring part #938288 and one float, part #861189, right carb. End					
	 Brian G. Harrington, A&P 3279424					
					TOTALS THIS PAGE	
					AMT. FORWARD	
					TO-DATE TOTAL	

DATE 20 <u>24</u>	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKES, MODELS, SERIAL NUMBERS.
	179	AIRCRAFT INSPECTED IN A CONDITION INSPECTOR'S GUIDELINES DETAINED IN PART 43 APPENDIX I AND IS FOUND TO BE IN CONDITION FOR FLIGHT
2-23-24		DATE: 2-23-24 RW/LNO ADP 2806403 COMPRESSION 1. 78/80 2. 78/80 3. 76/80 4. 78/80 <div style="border: 1px solid black; padding: 2px; display: inline-block;"> Ameri-King AD 2017-16-C1 </div> ELT BATTERIES DATED 12/2028 LOT # 121223 LUBED ALL CONTROLS AND HINGES, CHECKED BRAKES AND WHEEL BEARINGS, LUBED PULLEYS, CHECKED CABLE TENSION, RAN AND VERIFIED PROPER ENGINE CONTROL OPERATION. REPLACED FUEL HOSE FROM PRIMARY FUEL PUMP TO ELECTRIC PUMP. REPAIRED RADIATOR TO RESERVOIR.

DATE 20____	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
LSA AeroTech Services Page 1 of 3						
Date: <u>5/15/24</u> , RANS S19, N806GK, TTSN: <u>180.1</u> , Engine: <u>180.1</u> , TTSN. Drained and replaced oil with approx. <u>3</u> liter of <u>Mobil Racing 4T 10W-40</u> oil. Inspected previously removed oil filter, no notable debris. Engine test-run, no leaks noted.						
<ul style="list-style-type: none"> • Install all new hoses/fire sleeve/thermal sleeve/fire caulk, as required, IAW 05-10-00 • Install new fuel pump IAW 73-00-00 • Installed new carburetor rubber flange, o-rings and new carburetor drip tray, as supplied by owner, IAW 73-00-00 • Install new expansion tank rubber protection pad IAW 12-20-00 • Remove/clean oil tank, replace oil tank O-ring, add new oil, as supplied by owner IAW 12-10-00 & 12-20-00 • Add radiator fluid, as supplied by owner, O'Reilly Dex-cool compatible antifreeze & coolant 50/50 IAW 12-10-00 & 12-20-00 • Purged/burp Rotax & inspect hydraulic valve tappets IAW 79-00-00 & SI-912-018R4 utilizing ~ 14 psi • All hydraulic valve tappets test within stated specifications IAW SI-912-018R4 • Replace spark plugs, as supplied by owner, NGK DCPR8E, Gap @ .027 in, torque @ 179 in.lb., applied heat compound to spark plug threads • This aircraft is registered as a EAB and is therefore not considered an LSA. My signature does not constitute compliance with any inspections or as an approval to return to flight, only that I've done the work on an experimental aircraft as a certified IRMT. 						
Peter Lutz:  , LSRM-A: 3604736, IRMT Certification: Service: 400813260220-6186, Maint: 410813260222-6186, Fuel Injection: 60813260223-6186						
					TOTALS THIS PAGE	
New fuel pump model 893115					AMT. FORWARD	
SN 25.3727					TO-DATE TOTAL	

4/3/24

DATE 20____	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKES, MODELS, SERIAL NUMBERS.
		<p style="text-align: right;">Page 2 of 3</p> <p style="text-align: center;">LSAAeroTech Services</p> <p>Date: <u>5/15/24</u> , RANS S19, N806GK, TTSN: <u>180.1</u> , Engine: <u>180.1</u> , TTSN.</p> <ul style="list-style-type: none"> • Bleed port/starboard brakes with new hydraulic fluid MIL-H-5606A, as supplied by owner, IAW RANS S-19 VENTERRA, page 06D-2 • Repack both port/stbd main mount bearings with integrated seals, IAW RANS S-19 Venterra Test Manual/Figures Manual/Parts Manual, section 09 • Remove, clean, lubricate, reinstalled nose gear IAW RANS S-19 Venterra Test Manual/Figures Manual/Parts Manual, section 09 • Remove propeller and verified proper torque on mounting bolts, reinstalled propeller and torqued clamping bolts IAW RANS S-19 Venterra Engine Manual 13H, & Sensenich DOC#: 2A0 Installation Manual rev-c5.doc 6-30-11 • Assisted owner in the calibrating of the Dynon fuel capacity measurements • Repaired improperly installed bushing on 1/3 carburetor throttle that caused cable binding IAW 73-00-00 • This aircraft is registered as a EAB and is therefore not considered an LSA. My signature does not constitute compliance with any inspections or as an approval to return to flight, only that I've done the work on an experimental aircraft as a certified IRMT. <p>Peter Lutz: _____, LSRM-A: 3604736, IRMT Certification: Service: 400813260220-6186, Maint: 410813260222-6186, Fuel Injection: 60813260223-6186</p>

DATE 20_____	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
	LSA AeroTech Services				Page 3 of 3	
	Date: 5/9/24 , RANS S19, N806GK, TTSN: 180.1 , Engine: 180.1 , TTSN.					
	<ul style="list-style-type: none"> • Repaired improperly installed bushing/bent bracket on 2/4 carburetor choke that caused cable binding IAW MMH 73-00-10, pg. 17/18 • Mechanically adjust carbs IAW 12-20-00 • Performed pneumatic adjustment of both carburetors IAW 12-20-00 • Adjust idle to ~1700 RPM IAW MML 12-20-00, pg. 28. (Explain to owner the importance of maintaining a minimum of 1800 RPM when possible) • Test run of engine, including low speed taxi • Replaced intake manifold grounding bolt for mag "A" that went missing during initial flight. 					
	Applied loctite 243 and blue security seal.					
	• This aircraft is registered as a EAB and is therefore not considered an LSA. My signature does not constitute compliance with any inspections or as an approval to return to flight, only that I've done the work on an experimental aircraft as a certified IRMT.					
	-----NO FURTHER ENTIES-----					
	Peter Lutz:  , LSRM-A: 3604736, IRMT Certification: Service: 400813260220-6186. Maint: 410813260222-6186, Fuel Injection: 60813260223-6186					
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					AMT. FORWARD	
					TO-DATE TOTAL	

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WEST: 225 Airport Circle, Corona, CA 92880

EAST: 452 Dividend Dr., Peachtree City, GA 30269

1-(877) 4-SPRUCE

477-7823

AIRCRAFT SPRUCE & SPECIALTY CO

P0: 324759 LOT: 10-16075



P/N: 15-05259

LOC: 79MH

916450002

ENGINE AND AIRCRAFT LOGBOOK

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