



The Standard

AIRCRAFT LOG

251-10-1

Aircraft Record General Information

Manufacturer _____ Model SA Berwing
Serial 003 Registration Number N203 SW
Date of Manufacture 6-2017

Engine(s) currently installed:

Manufacturer Spyder Model 100 HP-IFB Serial TB01
Manufacturer _____ Model _____ Serial AA002 7/14/2017

Propeller(s) currently installed:

Manufacturer PROPS Inc Model 56-46
HUB Model _____ Serial 3986 Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

Registered Owner Record

Name	Larry D. Bothof	Address		
City	Moultrie	State	GA	From 6-30-16 To
Name		Address		
City		State		From To
Name		Address		
City		State		From To
Name		Address		
City		State		From To
Name		Address		
City		State		From To
Name		Address		
City		State		From To

[illegible]

YEAR 20 <u>17</u> 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.)
6-23-17	.1			STARTED ENGINE
6-24-17				THIS AIRCRAFT HAS BEEN INSPECTED WITH ACCORDANCE FAR 45 FOR CONDITIONAL INSPECTION, FOUND SATISFACTORY
				OWNER

N203SW

6/24/2017

Total Time: 0.00 Hrs.

I find that this aircraft meets the requirements for a Special Airworthiness Certificate and have issued an EXPERIMENTAL, "OPERATING AMATEUR BUILT AIRCRAFT" airworthiness certificate and operating limitations dated June 24, 2017.

Lloyd Montague

YEAR 20 <u>17</u> 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.)
6-24	0.2			Installed EL [REDACTED] OWNER
				2DC88 A9AE2 FFBFF
				ACK Technologies Inc
				Model E-04 ELT
				Battery Exp. June-2022
7/14	18.		118.5	Removed engine S/N TB01 and Installed Spyder 100HP IFB Engine S/N AA002. Engine runs and checked for satisfactory operation. [REDACTED] [REDACTED] b/p [REDACTED]

YEAR 2017 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.)
7/19/17	40.0	3.7	40.0	I CERTIFY THAT THE PRESCRIBED FLIGHT TEST HAS HAVE BEEN COMPLETED AND THE AIRCRAFT IS CONTROLLABLE THROUGHOUT ITS NORMAL RANGE OF SPEEDS, AND THROUGHOUT ALL MANEUVERS TO BE EXECUTED, HAS NO HAZARDOUS OPERATION THE CHARACTERISTICS OR DESIGN FEATURES AND IS SAFE FOR OPERATION. THE FOLLOWING AIRCRAFT OPERATING DATA HAS BEEN DEMONSTRATED DURING THE FLIGHT TESTING SPEEDS VSO 58MPH, VX 90, AND VY 100 AND WEIGHT 1600 # AND CG LOCATION 40" AIRCRAFT THEY WERE OBTAINED. [REDACTED]

YEAR 20 <u>18</u> 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.)
7/9	94.5	0	94.5	REMOVED SPYDER 100HP ENGINE S/N A4002. INSTALLED LYCOMING XIO-360-M1B S/N L-18-4025-S1E. INSTALLED NEW CHT AND EGT SENDERS. INSTALLED NEW ELECTRIC HIGH PRESSURE FUEL PUMP. TESTED FUEL FLOW; FOUND SATISFACTORY. TEST RUN ENGINE AND PROP FOUND TO BE SATISFACTORY FOR OPERATIONS. Owner/Builder owner / Builder
7-15-18	101.0	2.5	101.0	Flow OFF TEST FLIGHTS For NEW Engine Owner/Builder owner / Builder 5.5 Hrs
7-15-18	101.0		101.0	D.D complete Annual Inspection new weight & Balance 1128 lbs Empty

[illegible]

Propeller/Rotor Logbook



Propeller/Rotor Data

Manufacturer: SENSENICH Address: _____
Model: _____ City: _____ State: _____ Zip: _____
Serial No.: W71TSHM8482 ALO986 Length: 67 1/2
Date of Manufacture: JUNE 2018 Pitch: _____

Variable Pitch Propellers

Blade S/N: _____ Hub S/N: _____
Weight: _____ Type: ☐ Metal ☒ Wood ☐ Composite

Manufacturer: _____ Address: _____
Model: _____ City: _____ State: _____ Zip: _____
Serial No.: _____ Length: _____
Date of Manufacture: _____ Pitch: _____

Variable Pitch Propellers

Blade S/N: _____ Hub S/N: _____
Weight: _____ Type: ☐ Metal ☐ Wood ☐ Composite

Propeller/Rotor History

Aircraft Make and Model: SABERWING

Aircraft Registration No.: N 203SW

Date Installed: 7-9-18

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AIRCRAFT TECHNICAL RECORD

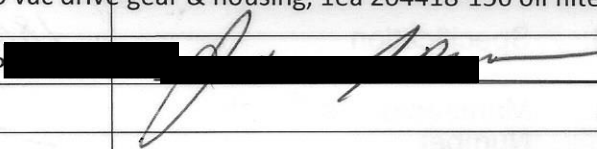
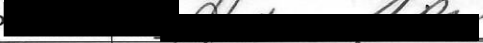
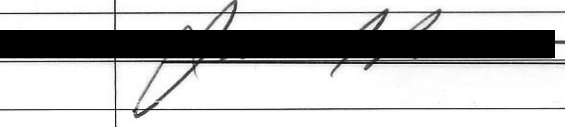
Section 3. ENGINE LOG

ENGINE DATA

1. Make Lycoring
 2. Model X10-360-M1B
 3. Specification 180 HP @ 2700 RPM
 4. Manufacturer's Serial Number L-18-4025-51E
 5. Date of Manufacture 3-27-2018
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Section 3A: Engine Service and Maintenance Log

DATE	TIME		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	
3/27/2018					<i>94.5 TACK</i> BA New Limit Engine Build TSMOH: 00:00 This XIO-360-M1B L-18-4025-51E was assembled in accordance with factory recommended procedures outlined in Lycoming overhaul manual 60294-7 & testing IAW SI 1427-C using the parts listed: Crankshaft Rick Romans IO-360 R52437-1 M-010/R-010, 4ea LW10646 Rick Romans S2437 N/A 2017-16-11, Crankcase Lycoming RT, 8ea SL75060 rod bolts, 8ea SL12186 rod nuts, 8ea SL74309M10 rod bearings, 4ea AEL16711M10 main bearings, 2ea AEL13884M10 front main bearings, 1ea 1028B oil PSI ball, 1ea 61084 oil PSI spring, 1ea AEL19600 vernatherm valve, 8ea LRT23381 lifter/Roller, 1ea 15M23451 camshaft Aircraft Spec Serv. 240570, 8ea 15B26066 hyd unit, 1ea STD-2213 crankshaft gear bolt and gear installed IAW SB475C, 1ea AEL76121 tach shaft, 1ea AF15473 pump fuel, 4ea STD1821 drain hose, 4ea 69603 intake hose, drain lines SL68761,61,60,59, 1ea 4371R (see 8130-3) 1ea 4370R (see 8130-3) 1ea Ignition harness, 8ea REM38E plugs, 1ea Superior Cold Induction Sump, 1ea Injection Sevo (see 8130-3) 1ea Fuel distributor (see 8130-3) 1ea 149-NL Starter, 8ea SL74637 bushing, 4ea 05K21100 New Lycoming Cylinders Complete (see 8130-3s) 4ea SL13790A rocker shafts, 8ea SL12892 buttons, 1ea 75439-1 seal & gasket set, 6ea lw16266-10-13, 6ea lw16266-10-75 clamps and fuel lines were installed in accordance with the latest revision of SB342, 1ea AEL72970 vac drive gear & housing, 1ea 204418-156 oil filter adapter. Certified by:  3/27/2018 James N Brod Jr. A&P 
3/27/2018					Engine Overhaul AD compliance XIO-360-M1B L-18-4025-51E 2017-16-11 Rod bushing / OHC Rick Romans not applicable to this AD 2015-19-07 Fuel inj lines / inst. IAW MSB342G (next due inspection 100 hrs annual) 2012-19-01 Crankshafts / AV537921612 N/A per MSB 569A 2012-03-06 Fuel servo diaphragm / New N/A see 8130-3 for compliance 2009-26-12 Cylinder assemblies / affected cylinders not installed 2009-02-03 Fuel injection servos / New N/A see 8130-3 for compliance 2007-04-19R1 SAP cylinder assemblies / affected cylinders not installed 2006-12-07 ECi cylinder assemblies / affected cylinders not installed 2006-10-21 ECi connecting rods / affected rods not installed 2004-10-14 Crankshaft gear / inst. IAW SB475-C (Next due at any gear repair) 98-02-08 Crankshaft / complied with SB505 97-15-11 Cylinder kits / affected cylinders not installed 96-23-03 High pressure fuel pumps / affected pump not installed 96-09-10 Oil pump / affected pump not installed Compliance by:  3/27/2018 James N Brod Jr. A&P 

6/5/18 This engine is assembled for Experimental use only. This engine is equipped with standard 8.5/1 compression pistons in New Lycoming Cylinders. Use 100LL Only, This engine has been satisfactorily tested IAW Lycoming SI 1427-C. This engine should be serviced with 8qts W100 straight mineral and pre-oiled prior to engine start and ground testing prior to flight. Operate W100 straight mineral oil for the first 50 hrs.

Section 3A: Engine Service and Maintenance Log

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