

AIRCRAFT LOG

King Aviation, LLC

Glyndon, MN 56547

Airframe log book insert

N83411

Date: 8/1/2018

Tach/Time: 1864.2

ACT: 2462.83

Completed Annual inspection per FAR 43 Appendix D, scope & detail. C/W FAR 91.207 (d), no defects noted, battery replacement due 7/31/2020. Recovered aircraft with Poly-Fiber covering per STC # SA 1008WE, painted OEM J3 yellow polytone, installed extended baggage compartment per STC # SA590AL, installed pilot's seat belt attachment brackets per STC # SA02043AK, fabricated & installed top deck assembly X-brace per STC # SA02011AK, installed Dakota Cub Aircraft stabilizer trim system per STC # SA02309AK, installed fuselage side mounted baggage door per STC # SA02378AK, installed B&C Specialty Products BC400 alternator per STC # SA01343WI, see FAA 337 forms dated 7/26/2018. Installed new Univair fuel valve P/N 0491-947K. C/W AD 68-05-01 (muffler inspection) per AD instructions, next due @ 1914.2. C/W AD 60-10-08 (fuel valve detent) per AD instructions, next due @ 1964.2. Weighed aircraft new empty weight 1047.9 empty CG 10.91. —————END—————

Maintenance Release: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal

Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Michael Koenig

Total To Carry Forward				
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Registration No. _____

King Aviation, LLC
[REDACTED]

Glyndon, MN 56547
[REDACTED]

Airframe log book insert

N83411

Date: 10/22/2018

Tach: 1866.2

Removed engine O-320-B2B, S/N L46081-27A and installed engine O-320-B2B, S/N L-4618-39.

Maintenance Release: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal

Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Michael Koenig [REDACTED]

King Aviation, LLC
[REDACTED]

Glyndon, MN 56547
[REDACTED]

Airframe log book insert

N83411

Date: 4/8/2019

Tach: 1869.84 ACTT: 2468.47

Completed Annual inspection per FAR 43 Appendix D, scope & detail. C/W FAR 91.207 (d), no defects noted, battery replacement due 7/31/2020. C/W AD 68-05-01 (muffler inspection) per AD instructions, next due @ 1969.84. C/W AD 60-10-08 (fuel valve detent) per AD instructions, next due @ 1969.84 ———— END ————

Maintenance Release: I certify that the aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current rules of the Federal

Aviation Regulations and was found airworthy and is approved for return to service for the work performed. Michael Koenig [REDACTED]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7/6/20	Brought Forward →	24887	1889.4	Completed 100 hr inspection
				Per 43 Appendix D Scope and
				Detail, C/W 91.207 (D) No
				Defects noted, Replace Bolts,
				Next Due 9/31/2024, C/W
				AD 68-05-01 Per instruction
				Next Due 1989.4, C/W AD 60-10
				-08 per instructions Next Due
				1989.4, I certify that this
				Airframe was found Airworthy
Total To Carry Forward				and 13 Appendices for Return

Next Page

Registration No. _____

and Remarks

Signature

Certificate No.

Serve

AP 7/7/20 AETT: 2488

I certify that this aircraft has been inspected
in accordance with an Annual Inspection and
was determined to be in Airworthy Condition

IA

Supplemental Weight and Balance

N83411

S/N: 18-7609122

8/2/18

Aircraft weighed with the following equipment:

1. Propeller: Sensenich 74DM-60
2. Engine: Lycoming 0320 A2B
3. Oil cooler
4. Cleveland wheels and breaks, 8:50 tires
5. Scott Model 3200 Tailwheel assy, pawnee tail spring
6. Flaps
7. 18 gallon fuel tanks
8. Position lights
9. Hawker battery
10. PS Engineering 3000 Intercom
11. Balanced elevators
12. B/C Alternator
13. Steve's Aircraft gascolator
14. Garmin SL40

Right Wheel	503.8
Left Wheel	498.3
Tail Wheel	<u>45.9</u>
Total	1047.9

$$\frac{200 \times 45.9}{1047.9} = 8.76 + 2.25 = 11.01$$

Aircraft Empty Weight **	1047.9 lbs
Empty Weight Center of Gravity	11.01
Gross Weight	1750 lbs
Useful load	702.1 lbs

**Empty weight includes 8 qts oil & unusable fuel
