



*The Standard*

# ENGINE LOG

ASA-SE-1

YEAR: 2013 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.)
			356.5	oil change Bosch 3311
			365	change front tire
			392	oil change 4267 PAPER 3 qt 100 w

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12/4	395		✓ 1	Torque Head Bolt 24 LBS.
			✓ 2	2 Piston caps new, L & R.
			✓ 3	2 <del>rohrs</del> <del>rohrs</del> epoxy CTRR block
			✓ 4	2 ignition coils (new) plus 10/1000 gpm
			✓ 5	12 new NGK D9EA plugs
			6	Tension cables
			?	<del>torque head bolts 24</del>
			✓	4 new Engine Mount Bushings
			✓ 8	Compression test run (hot)
				1-67 2-68 3-70 4-67 5-68 6-68





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04/09				
12/9/08	165			Comd Diff Test 76/80 74/80 76/80 75/80 76/80 72/80
4/9/09	165			changed oil w-100 filter
1/16	189			changed oil w-100 filter
1/18	186			Differential Test (Good Practice!) 74/80 74/80 72/80 74/80 72/80 70/80
				retorqued engine mounts 551 # ft.

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9/17/09	238		287	oil change w-100 right hand cell BOBTS. <span style="border: 1px solid black; padding: 2px;">Next change @ 260 hrs</span>
6/1/10	240		280	Head bolts all 6 cyl. to 24 ft LBS all plugs replaced all AER SCRT valves replaced. Fogging oil all 6 cyl.
			<del>260</del>	oil change w/ filter
			280	oil change w/ filter

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7/1	125.5			checked grounding of Trunks AD Oil Burned in 5 hrs
8/9/08	135	4.5 hrs		2/10 2RR oil Burned only Oil press 35 FSE 2750 RPM = 5.1 gal Oil Temp 210, engine running great Went Oil Pul at 145 hrs
8/7	135			lowrance GPS replaced
9/11	145		169 hrs	Oil changed W-100 oil temp 178° 34 FSE SPCC pressure 24#

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10/10				Annual Inspection Pump, varied oil 74/20, through 75/20 CRKs FCR, oil Fresh suspect plugs - wires, rotors wing - bolts - torqued 10-13 STAB
12/4	165			oil changed, filters Pumps checked, overhauled, 22 20 LB to-gear Prop Bolts wing Bolts 20 #ft torque

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12/30			190 hrs	2750 hrs 81 hrs hr - 1390 hr
<del>12/16</del> 2/16	81 hr			spark plugs replaced 1420 DR-9EA-9 all 12 plugs resistor gapped @ .022, anti-seize applied
3/11	95.1			oil changed 3 LTRs w-100 motor shell
	95.1			swapped Propeller for new Prop, the previous prop part was factory unmounted 2840 - static rpm 2.2 setting

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5/10	100.1			- Torque Prop 20 #
	100.1			- checked cable tension 30 hr
6/28	105			- compression pf check
6/28	105			74/80, 74/80, 72/80, 74/80, 72/80, 75/80
6/28	120.5		next 145	oil changed 3 LTR w-100 shell
6/28				plugs checked, fuel carb floats ducting checked, cable tension wires checked fuel gauges regrounded to <del>with</del> plane. wheel $\phi = 19/108$ left on each side

YEAR: 07	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.)
10/12				First flight Oct 12 CMT 340 max Egt 300 110 KTS DVC set 900 RPM
13				Needle set a carbure float 255 small 285 large
15.6				torqued head bolts 20/ft/#
23.7	<u>next</u>	50 hrs		Oil & filters changed Nighthawk plugs
31				torqued head bolts 24 LBS FT

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	40.9			torqued head bolts 20 FT #
	45.9	<u>next</u>	74	changed oil w 100 3 qt
12/19	55			torqued head bolts 20 FT #
1/5	75	<u>next</u>	95	oil changed 4297 FROM

**Engine Record** General Information

Manufacturer Jabiru Model 3500

Serial 33A963 Type Certificate Z001-10 601KL

This engine is currently installed in aircraft N427JV

Minimum Octane Fuel 93 Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order 1, 4; 5, 2; 3, 6

Spark Plug Gap \_\_\_\_\_

Manufacturer recommended overhaul at 1500 hours

- Ignition Timing: 25° BTDC  
Fixed Timing

3700 cc  
Bore: ~~92.5 mm~~ 97.5 mm  
Compression 8:1

- Oil Capacity - 3.51  
w 100 (or) equiv.

3.69 gal

- Plugs - NGK D9EA - Auto