

The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer Lycoming Model IO-320 D1C
Serial L-5910-55A Type Certificate 1

This engine is currently installed in aircraft Experimental KAN's RV-4 N999ZF
serial # 2407

Minimum Octane Fuel 100LL Oil Grade: Summer _____ Winter _____

Magneto Time 25° Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

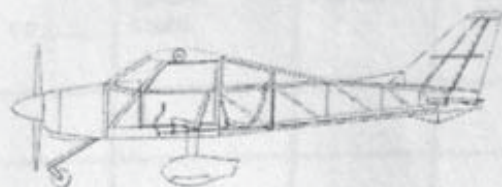
DATE OF MANUFACTURE MAY 1988 Textron Lycoming

DATE	RECORDING	TODAY'S	TOTAL	
Oct 1, 2012				N999ZF Vans RV-4
TTAF 515.0				s/n 2407
LYCOMING ENGINE IO-320-D1C				s/n L-5910-55A
Removed spark plugs and ran compression check with the following results; #1=70/80, #2=67/80, #3=65/80, #4=70/80. Cleaned, gapped, and tested all plugs and re-installed. Mag timing checked to be @ 25 BTDC. Oil drained, filter removed & inspected, and sump refilled with 7 qts of Aero Shell 15W50. New Champion 48110 filter installed. Cleaned engine. I have inspected this engine in accordance with a 100hr inspection and find it to be in an airworthy condition on this date.				
Scott A. Marquardt, [REDACTED] A&P for Sparta Aero Services Inc.				

1-12-14	10.3	525.3	I certify that this engine has been inspected on 1-12-14 in accordance with the scope and details of Paragraph D of FAR part 43 and found to be in a condition for safe operation. Total time 525.3 Kevin Rod [REDACTED]	

[illegible]

DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections Tests Repairs and Alterations
------	-----------	---------	-------	--



Reg. # N999ZF

Date: November 15, 2014

Tach: 590.5

Make: Zivko

Model: RV-4

S/N: 2407

Make: Lycoming

Model: IO-320-D1C

S/N: L-5910-55A

TTSN: 590.5

- Changed engine oil with Aeroshell 15W-50 and installed a new oil filter Tempest P/N: AA48110-2.
- Cleaned and verified gaps on all the engine spark plugs.
- Cleaned and recharged K&N engine air filter with K&N Recharger kit.

I certify that I have inspected this engine and propeller in accordance with the scope and detail of Appendix D of Part 43 and find it in a condition for safe operation.

 Alan B. Weigle A&P 

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.)
19 2015				

Date: 2/25/2015 Hours: 610.64

Removed automotive type alternator and regulator and replaced with a Plane Power alternator (model # AL12-EI60/B). Removed spinner, prop and flywheel to install new fan belt. Reinstalled flywheel and prop. Torqued prop bolts to 500 in/lbs. Safety wired prop bolts. Reinstalled spinner. Installed blast tube to cool alternator. Started and ran motor. Checked for proper charge rate. Checked OK.

Work done by: Jerry Alder (owner)

AP: _____

9/23	156.00		671.00	Installed Balance Master balancer
				Reinstalled prop & torqued bolts
				Reinstalled spinner. Engine runs smoother

