

The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer

VANS

Model

RV-12

Serial

120438

Registration Number

N482G

Date of Manufacture

SEPT 17, 2012

Engine(s) currently installed:

Manufacturer

ROTAX

Model

912 ULS

Serial

6776980

Manufacturer

Model

Serial

Propeller(s) currently installed:

Manufacturer

SENSKINICIT

Model

2AOR5R20EN-V

HUB Model

~~28709B JPR~~

Serial

2AOR5-F 10-10-16

Serial

Blade Model

Serial

~~26385 JPR~~

Serial

49156 10-10-16

Serial

Blade Model

Serial

~~26501 JPR~~

Serial

49173 10-10-16

Serial

YEAR: _____ 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.)
------------------------	---------------------------	-------------------	-----------------------------	--

09/17/2012 Aircraft TT: 0.0 Time in Service: 0.0

I have completely Inspected this aircraft in Accordance with Appendix "D" to part 43 and Vans Aircraft Inc Construction and Maintenance Manuals and it is ready for the FAA ELSA (21.191(i)(2)) Airworthiness Inspection. This is a Vans Aircraft Inc; RV-12, Serial# 120438; N48ZG Aircraft. All applicable AD's through Biweekly 2012-18 and manufacture's Service Directives have been complied. I certify that this engine, airframe, and propeller have inspected and were determined to be in a condition for safe operation and suitable for flight. -----

John Nys (Owner's Agent)-----

John Nys

YEAR: _____ 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.)
------------------------	---------------------------	-------------------	-----------------------------	--

09/17/2012 Aircraft TT: 0.0 Time in Service: 0.0

I have inspected this aircraft and found it complies with the requirements of FAR 21.191 (i)(2). Certificate of Special Airworthiness (8130.7) along with Phase I and Phase II Operating Limitations were issued this date with unlimited expiration. The next inspection (condition inspection) is due 09/31/2013. Bart B. Dalton-----

Bart B. Dalton

DAR T700789SW

YEAR: 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.)
Oct 2, 2012		5.6		I CERTIFY THAT THE PRESCRIBED FLIGHT TEST HOURS HAVE BEEN COMPLETED AND THE AIRCRAFT IS CONTINUABLE THROUGHOUT ITS NORMAL RANGE OF SPEEDS + THROUGHOUT ALL MANUEVERS TO BE EXECUTED, HAS NO HAZARDOUS OPERATING CHARACTERISTICS OR DESIGN FEATURES AND IS SAFE FOR OPERATION. THE FLIGHT TEST WAS COMPLETED UNDER THE FOLLOWING CONDITIONS: MAXIMUM OPERATING WEIGHT, MAXIMUM DEMONSTRATED AIRSPEED, + MINIMUM DEMONSTRATED STALL SPEED.
				<i>John M. [Signature]</i>

YEAR: 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.)
2013 03/08			27.0 hrs	Rotax initial oil change + filter, all went well. 3 Qts. magnetic plug... very little iron. Watch for overfill. Rotax filter. 3 Qts of Shell. oil filter or oil analysis... none.
			* 100 hrs	Rotax allow 100 hrs between LOF for MAGAS owner J.D. Richardson Omaha. " " 200 hrs for S. plugs
05/01			30.0	Repair of cracked right side wheel part of Fiberglass + paint Return to service. owner J.D. Richardson

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA 51503 712-323-2173

Date: 20 May 2013

W.O. 5296

Reg# N48ZG

Tach:

Aircraft Total Time:

- Troubleshoot erroneous fuel pressures and found sensor to be bad. Ordered new sensor. Old style VDO sensor no longer available. Installed new style Kavlico sensor p/n 101690-000. Test ran aircraft. no discrepancies noted.

[Signature]

Ronald R Gray AP3557843

YEAR: 2013/14 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.)
09/23/13			44.3	I certify this Van's RV-12 aircraft has been inspected in accordance with 43 Appendix D annual check list and was determined to be in condition for safe operation. James D. Richardson LSA RI # 3704524.
09/23/13			44.3	ELT battery good til 12-2016. ELT annual inspection showed unit to be in condition for safe operation. James D. Richardson LSA RI # 3704524.
09/23/13			44.3	Service Bulletin 12-09-26. Loose main Landing gear attach hardware. Inspected & found ^{original} hardware seated, torqued and tightened. No cracks. OK to return to service. No need to complete & finish this SB. J.D. Richardson RI # 3704524
9-28-14			98.3	I certify this Van's RV-12 aircraft has been inspected in accordance w/ 43 appendix D annual check list and was determined to be in safe operation. James D. Richardson LSA RI # 3704524

ELT inspected

to be in safe operation James D. Richardson LSA RI # 3704524

YEAR: 2014/ 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.)
11-23-14			110.3	Steve Przewiecki & myself put up 470 capacitors between Green & Red wire on Fuel PSI Kavlico sensor to ground sensor.
1-15-15			118.50	TROY Alves & myself changed oil + new filter. 3 qts all went well. Mag. plug had some but relatively little felling. (91.5 hrs between oil change) ^{22.75} Menta's owner J.D. Richardson

10/12/2015

Aircraft Total Time: 148.7hrs

Aircraft Tach Time: 148.7hrs

- 100hr/Annual Condition inspection performed in accordance with Van's RV-12 Maintenance Manual. Removed panels, performed inspection and reinstalled panels. Checked flight controls. Landing gear inspected. Main landing gear wheel bearings cleaned, inspected, and repacked. Brake fluid, brake pads replaced, and calipers checked. ELT inspected in accordance with FAR 91-207(D). Battery replacement due Dec 2016. Intake air filter inspected. Lubed and checked aircraft as per RV-12 100hr/Annual Condition inspection check list and Appendix D of Part 43. Checked Airworthiness Directives and Van's Safety Directives.

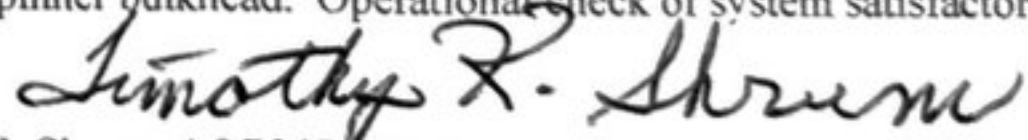
"I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D of Part 43, and Van's RV-12 100hr/Annual Condition inspection check list, and found to be in a condition for safe operation". Next inspection due at 10/12/2016

Stephen Przemielewski



A&P 3108825

YEAR: 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.)
10-12-15			148.0	2 New Brake pads on The 2 Back Landing gears.
12-20-15			203.50	New Brake pads on passenger side. Oil (Brake fluid) loss on them. George Richmond A&P 2674192 BH R
1-20-16			203.50	Pilots Side "New wheel". New tube in tire. wheel came loose. J D Richardson Bad locking washers By
2-1-16			203.50	oil & Filter Change. Rotax. J D Richardson Builder
3-12-16			250.50	8 new Rotax spark plugs. Torqued down. J D Richardson
4-7-16			271.00	Change Oil; No new filter. Oil only J D Richardson
4-27-16			290.00	Rebalanced Bing Carbs. way out of adjustment J D Richardson
5-25-16			314.00	2 New Tires on back Mains. Jim, Front J D Richardson
6-8-16			318.00	Rebalanced Bing Carbs (1 st time w/electronic carb mate.) J D Richardson

YEAR: 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.)
8-19-16			355.0	AIR in back tires; Oil change + Filter (84 hrs between change)
				
				5935 S. 132 nd St. Millard Airport Omaha, NE 68137
				September 26, 2016 N48ZG S/N 120438 Hobbs: 363.4
				Balanced engine propeller system using Aces Model 2020HR Probalance Analyzer system. Balanced system to .02ips @ 292 degrees. Installed balance weight 17 grams on Propeller spinner bulkhead. Operational check of system satisfactory. Aircraft is returned to service.
				 Timothy K. Shrum A&P34716271A
				AIRFRAME

YEAR: 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.)
12-16			360	New Prop, needs wheel pants, needs hole fixed in Left wing. Plane OK to fly JDR 3704524

0/2016

Aircraft Total Time: 391.7hrs

Aircraft Tach Time: 391.7hrs

Annual Condition inspection performed in accordance with Van's RV-12 Maintenance Manual. Removed panels, performed inspection and called panels. Checked flight controls. Landing gear inspected. Brake fluid, brake pads replaced, and calipers checked. ELT inspected in accordance with FAR 91-207(D). Battery replacement due Dec 2016. Intake air filter inspected. Lubed and checked aircraft as per RV-12 100hr/Annual condition inspection check list and Appendix D of Part 43. Checked Airworthiness Directives and Van's Safety Directives.

ify that this aircraft has been inspected in accordance with the scope and detail of Appendix D of Part 43, and Van's RV-12 100hr/Annual Condition inspection check list, and found to be not in a condition for safe operation". The following discrepancies make aircraft unsafe; nose landing gear fork d, L/H wing leading edge skin damage with hole. Next inspection due at 10/30/2017

Stephen Przemielewski



A&P 3108825

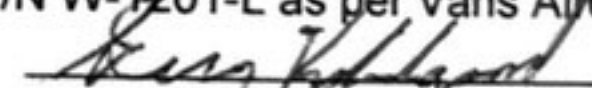
YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
---------------	---------------------------	-------------------	-----------------------------	--

FREMONT AVIATION 1203 WEST 23rd STREET FREMONT, NE 68025 402-721-4520

11/21/16 Van RV-12 N 48ZG SN: 120438 TACH: TT: 391.7

Damage to left wing inboard leading edge.

1. Drilled rivets holding skin, removed skin.
2. Replaced one rib, P/N W-1208R and stub spar channel, P/N W-1208C-L.
3. Riveted on new wing skin, P/N W-1201-L as per Vans Aircraft Wing Assembly Manual.

 Greg Kjeldgaard A&P 3141398

			3-17 (Still not the "new" beefed up one) 2	
11-28-16			391.7	Nose landing gear Replaced. Wing has complete new "skin" where small hole was. I certified plane is safe to fly James Richardson 3704524
11-28-16			391.7	ELT battery replaced. FOR Emergency use. Battery last 6 yrs. James Richardson 3704524
1-17-17			406	New Voltage Regulator (Rectifier) James Richardson 3704524
2-16-17			410	RR brake caliper Leaking. Fixed. George Richmond James Richardson 37045

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.)
5-13-17			457	Oil change; new Filter (102 hrs between changes - Calvin said oil was too Liquid; almost bad) Jane Richardson 3704524
7-26-17			488	8 New Spark plugs; NM=20 = 20 Ft lbs. J. Richardson 3704524 (238 hrs between changes of 5. plugs)

10/15/2017

Aircraft Total Time: 512.5hrs

Aircraft Tach Time: 512.5hrs

100hr/Annual Condition inspection performed in accordance with Van's RV-12 Maintenance Manual. Removed panels, performed inspection and reinstalled panels. Checked flight controls. Landing gear inspected. Brake fluid, brake pads replaced, and calipers checked. ELT inspected in accordance with FAR 91-207(D). Battery replacement due Nov 2022. Intake air filter inspected. Lubed and checked aircraft as per RV-12 100hr/Annual Condition inspection check list and Appendix D of Part 43. Checked Airworthiness Directives and Van's Safety Directives.

"I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D of Part 43, and Van's RV-12 100hr/Annual Condition inspection check list, and found to be in a condition for safe operation". Next inspection due at 10/30/2018

Stephen Przemelewski

A&P 3108825

			512	
12-12-17			530	Grinding Noise in brake area. Put on New Pads. Regreased bearings. Noise still there. J. Richardson 3704524

YEAR: 2018 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.)
1-25-18			542	Oil Change. New Filter (85 hours between oil changes) 100LL grade was used approximately 20% of time of J. Richardson 3704524
3-26-18			548	Front wheel bearing broke - wheel loose. Needed new wheel + new bearings. J. Richardson 3704524
9-27-18			627	Oil change. New Filter J. Richardson 3704524 (85 hrs)
10-15-18			628	Annual Condition inspection certified good. Jane D. Richardson 3704524
10-16-18			629	Note: All Fuel & oil Lines are Teflon. Last forever. (original lines)
1-1-19			629	Replaced the two main tires & tubes. All new now Jane D Richardson 3704524
8-1-19			710	oil change. New Filter. 1st time to completely clean oil tank. No leaded residue found. J D 3704524

YEAR: 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.)
3-2-19			711	8 spark plugs changed (223 hrs between changes) NM 20 James Richardson 3704524
10-13-19			717	Annual condition inspection. Certified good 3704524
5-25-20			779	SD #0001 Pitch Trim Inspection. Found the bar to be straight & good for operation. Reached @ 1,000 hrs. James Richardson
5-25-20			779	SB 18-02-02 Potential cracks on horizontal stabilizer bracket. Found none w/ my eyes. James Richardson
7-23-20			793	Oil change, change Filter J.D. Richardson 3704524 83 hrs.
9-25-20			808.5	Annual condition inspection. Certified good 3704524 James Richardson
11-15-20			819.5	New Voltage Regulator; Lockwood FI. #150 J.D. Richardson 3704524
1-15-20			819.5	New Odyssey PC 680 battery; aragon J.D. Richardson 3704524
6-8-21			844.0	1 st time cleaned & reoiled Bing air filter J.D. Richardson 3704524
				"Rotax" seemed to run better, quieter & smoother

YEAR: 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.)
10-22-21			877	Oil change, new filter J.D. Richardson 3704524 84 hours
10-23-21			877	Annual condition inspection. Certified good 3704524
10-23-22			946	Annual condition inspection. Certified good J.D. Richardson 3704524
10-29-22			946	8 spark plugs changed (235 hrs) NM = 20 J.D. Richardson 3704524
10-30-22			946	Gowling Loose; Lower Right cowling piano hinge repair J.D. Richardson 3704524
4-8-23			962	oil change, new filter J.D. Richardson 3704524 85 hrs
8-2-23			962	New RS Brake line; New Brake pads J.D. Richardson 3704524
10-20-23			982	Annual condition inspection. Certified good J.D. Richardson 3704524
6-27-24			990	Repaired muffler; installed new oil sensor. Locktek, Ft. Calhoun
10-30-24			1,030	annual condition inspection. Certified good J.D. Richardson 3704524
5-10-25			1,051	Stop gap hole drilled in side cowling. L. side. OK to Return to service (CRACK) J.D. Richardson 3704524