

# Richard Vans

## RV12

### Make and Model Checkout

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Ratings: \_\_\_\_\_ Total Hours: \_\_\_\_\_

<b>Before Take-off</b>		
Preflight	Uses checklist and P.A.V.E.	<input type="checkbox"/>
Cockpit & resource management	Is organized and familiar with equipment onboard	<input type="checkbox"/>
Airport signs and markings	Discuss signs and markings, hold short ops, etc.	<input type="checkbox"/>
Taxi Operations	Smoothly and carefully maneuvers aircraft, constantly scans for traffic, performs run-up into wind, positions flight controls according to wind direction and velocity. Uses checklist thoroughly.	<input type="checkbox"/>

<b>Flight Maneuvers</b>		
(Must be performed to PPSEL PTS)		
Med. & steep banked turns	180 deg. turns both directions at 30 deg. bank 360 deg. turns both directions at 45 deg. bank	<input type="checkbox"/>
Slow flight (per PPSEL PTS)	Include turns in both directions	<input type="checkbox"/>
Power off stall- landing config.	Performed in a 20 deg banked turn, full flaps	<input type="checkbox"/>
Power on stall – depart. config.	Performed in a 20 deg banked turn	<input type="checkbox"/>
Emergency Procedures	Completes all tasks if time permits	<input type="checkbox"/>
Instrument Flight	Return to Airport IR, using Nav equipment	<input type="checkbox"/>

<b>Takeoffs &amp; Landings</b>	<b>Airport(s):</b>	
Normal (Full flaps if applicable)	Review wake turbulence procedures	<input type="checkbox"/>
Short field	Per POH	<input type="checkbox"/>
Soft field	Per POH	<input type="checkbox"/>
Short approach / power off Indg.		<input type="checkbox"/>
Go around		<input type="checkbox"/>
Crosswind	If available, or discuss	<input type="checkbox"/>

*All these items have been satisfactorily performed to Private Pilot ACS standards*

**Instructor's signature:**

**Pilot's signature:**

x

x



Engine Type		Vr	
Horsepower		Vx	
Total Fuel		Vy	
Usable Fuel		Vne	
Preferred Fuel Type	<i>100LL or 91 oct Autofuel</i>	Vo	
Oil Type	<i>Mobile 1 4T Motorcycle Racing Oil</i>	Vfe	
Oil Quantity		Vs1	
Best Glide		Vso	

1. What is the indication of an appropriate oil level?
2. What should you do if you notice a very low oil pressure reading in flight?
3. Describe the electrical system.
4. Does the RV have an Alternator or Generator? What are the indications if it fails?
5. How many volts does the generator produce? Is it normal to see a system discharge after starting?
6. Will the engine continue to run with the master switch turned off?
7. Describe the PFD and what indications are presented.



8. Describe the fuel system.
  
  
  
  
  
  
  
  
  
  
9. Describe the landing gear system.
  
  
  
  
  
  
  
  
  
  
10. What type of braking system is used by the RV?
  
  
  
  
  
  
  
  
  
  
11. Where is/are the static source(s) on the RV located?
  
  
  
  
  
  
  
  
  
  
12. Is the aircraft fuel injected or carbureted?
  
  
  
  
  
  
  
  
  
  
13. How many fuel pumps does the RV have?
  
  
  
  
  
  
  
  
  
  
14. How many fuel sumps/drains are there and where are they located?
  
  
  
  
  
  
  
  
  
  
15. Is the RV approved for IFR flight? Known Icing?
  
  
  
  
  
  
  
  
  
  
16. Is this aircraft approved for spins?
  
  
  
  
  
  
  
  
  
  
17. How many flap settings does the RV have? When are they used?
  
  
  
  
  
  
  
  
  
  
18. Are flaps used for normal takeoffs?
  
  
  
  
  
  
  
  
  
  
19. Describe the purpose of the Spar Pins.



20. Describe what will happen if a Spar Pin dislodges in flight.
21. Draw and label the runway(s), tower, and typical traffic pattern for the Boise Airport or the airport you are soloing at:
22. List the actions you take in the case of an engine failure:
23. Review emergency procedures with CFI.

***Presolo aeronautical knowledge: § 61.87(b)***

I certify that \_\_\_\_\_ has satisfactorily completed the presolo knowledge test of § 61.87(b) for the RV 12.

***Presolo flight training: § 61.87(c)(1) and (2)***

I certify that \_\_\_\_\_ has received and logged presolo flight training for the maneuvers and procedures that are appropriate to the RV 12 aircraft. I have determined that [he or she] has demonstrated satisfactory proficiency and safety on the maneuvers and procedures required by § 61.87 in this or similar make and model of aircraft to be flown.

*All the above items have been satisfactorily reviewed and discussed to Private Pilot ACS standards.*

**Instructor's signature:**

**Pilot's signature:**

x

Date:

x

Date:

