



Rental Aircraft Checkout Quiz

Pilot: _____

Date: _____ Inst: _____

C152 C172 G1000

Please complete this checkout sheet in advance using any resources at your disposal. Aircraft POHs and R.F.S. Policies and Procedures manuals are available for purchase or you can download them from www.RainierFlightService.com. An instructor will correct the sheet to 100% with you to ensure a thorough understanding of the aircraft and R.F.S. Policies. Please arrive for your flight lesson with current charts, a weight & balance and takeoff/landing distances.

1. Type: _____ oil is used in this airplane with a minimum qty of: _____ and maximum of: _____.
2. How tight should the oil cap be tightened after checking oil the oil level? _____.
3. The total fuel quantity is: _____ of which _____ is useable.
4. List the following V-Speeds:
Vs1 – Vfe 10° -
Vs0 – Vfe 30° -
Va – Vno -
Vx – Vne -
Vy – Best Glide -
5. Complete the W&B for a flight including you, a 180 lb passenger, full fuel and 20 lbs of baggage. How much more weight could you add? Is there a weight limit in the baggage compartment?
6. Calculate the takeoff and landing distances at KRNT with a 30°C OAT and a 5 kt headwind.
7. What is our range and endurance at 6,000' with a 2400 RPM power setting on a standard +20° day?
8. Describe the process of purchasing fuel at another airport:

9. How long after refueling must you wait to take a fuel sample?

10. What should be done with a fuel sample that is clean of matter or water?

11. Describe the importance of selecting avionics and electrical equipment to OFF before starting and shutting down the engine:

12. Describe a 'hot start' procedure:

13. During the engine run up you notice one of the Magnetos is out of tolerance. Describe the procedure to be followed before grounding the aircraft:

14. Describe the procedures following an engine failure in flight:

15. Who is the first contact you should make after an emergency landing?

16. Describe the procedures following an engine fire during start:

17. Describe the balked landing/go around procedure:

18. Can you spin a Rainier Flight Service Aircraft?

19. Describe the stall recovery procedure:

20. Can you land a R.F.S. airplane at a private airport?

21. When should you use the landing light as a collision avoidance tool?

22. Describe the mixture leaning procedure and when it should be leaned:

23. How do you report aircraft problems or discrepancies?

24. What is the R.F.S. Policy on Alcohol/Tobacco use?

25. Describe the procedure of securing an aircraft:

26. If the battery is dead, can you hand-prop the aircraft?

27. Where is the ground service receptacle located on the aircraft and what are the procedures for safe operation?

28. How do you remove ice from the aircraft's windshield?

29. How much will you be charged if you simply forget to show up after reserving an aircraft?

30. Who is eligible for the aircraft "Block Rate"?

31. Who is responsible for determining the aircraft is in an airworthy condition and safe to fly?

32. Who is responsible for becoming fully familiar with the aircraft limitations, systems and normal & emergency procedures?