



Aircraft Checkout Quiz

Name: _____ Date: _____

Aircraft Model: _____ CFI: _____

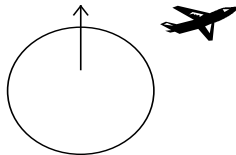
1. What is the enroute climb out speed? _____
2. What is the best rate of climb speed? _____
3. What is the best angle of climb speed? _____
4. What is the maximum flap extended speed? _____
5. What is the stall speed in a normal landing configuration? _____
6. What is the clean-stall speed? _____
7. What is the normal approach speed? _____
8. What is maneuvering speed? _____
9. What is the red-line speed? _____
10. What is the best glide speed? _____
11. (PA34 only) What is the Vmc speed? _____
12. What is the make and horsepower of the engine? _____
13. What is the estimated TAS at 5000 ft and 65% power? _____
14. What RPM or combination of RPM and Manifold Pressure will produce approximately 65% power at 5000 ft? _____
15. What is the fuel burn in gallons per hour at 65% power at 5000 ft? _____
16. What is the useable fuel capacity? _____
17. With full fuel at 65% power at 5000 ft, allowing a 45 minute reserve, what is the maximum duration (in hours)? _____
18. What is the octane rating and color of the fuel used by this aircraft? _____
19. Where are the fuel sumps located? _____
20. Is the landing gear fixed, manual, hydraulic, or electric? _____
21. What is the maximum demonstrated crosswind component for the aircraft?

22. How many people, at 170 lbs. each, can this aircraft carry safely with a full fuel load?

23. What is the maximum allowable weight the aircraft can carry in the baggage compartments? _____

24. What takeoff distance is required to clear a 50 ft obstacle at maximum gross weight at a pressure altitude of 5,000 ft and 75° F? (Assume no wind and a hard surface runway.) _____
25. What takeoff distance is required to clear a 50 ft obstacle at maximum gross weight at sea level pressure altitude and 75°F? (Assume no wind and a hard surface runway.) _____
26. Would high humidity increase or decrease takeoff distance? _____
27. How do you find pressure altitude? _____
28. What is the maximum allowable useful load? _____
29. Solve a weight and balance problem for the aircraft with you, full fuel, and all other seats occupied by a 170 lb. passenger(s). Does your load fall within the weight and balance limits? _____ If you are over gross weight, how much fuel would you have to remove? _____ If you are under max gross weight, how much baggage could you add? _____
30. Where can you find an FSS phone number? _____
31. List two frequencies you can use to contact the FSS in the LAF area? _____
32. What is the emergency frequency? _____
33. What are the minimum FAR requirements for a pilot to legally carry passengers?

34. METAR KLAJ 051450Z 23004KT 2 3/4SM BR FEW020 BKN100 15/13 A3002
What is the present ceiling and surface wind at LAF? _____
35. On the weather sequence reports the wind speed is given in knots; how is visibility measured, in nautical miles or statute miles? _____
36. Assuming the aircraft shown below is tuned to the VOR pictured and the VOR receiver OBS is set on 45 degrees, is the To-From read-out reading To or From?



37. If you must takeoff following a departing jet transport on the same runway, what precautions should you take? _____
38. If you must land behind a landing jet transport, where should you aim for touchdown?
