



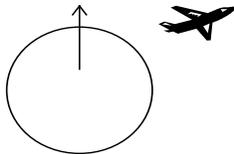
### Aircraft Checkout Quiz

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?  
\_\_\_\_\_