



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

*All aircraft documents may be used for this review.*

1. What is the total fuel capacity? \_\_\_\_\_
  2. How many fuel tanks are there? \_\_\_\_\_
  3. What is the capacity of each tank? \_\_\_\_\_
  4. What is the total useable fuel capacity? \_\_\_\_\_
  5. What is the color and type of the correct fuel grade? \_\_\_\_\_
  6. Where are the fuel drains located? \_\_\_\_\_
  7. When should they be drained? \_\_\_\_\_
  8. What is the recommended grade and type of oil? \_\_\_\_\_
  9. What is the minimum operating oil quantity? \_\_\_\_\_
  10. What is the aircraft empty weight? \_\_\_\_\_
  11. What is the useful load? \_\_\_\_\_
  12. What is the maximum aircraft gross weight? \_\_\_\_\_
  13. What is the best rate of climb airspeed ( $V_y$ )? \_\_\_\_\_
  14. What is the best angle of climb airspeed ( $V_x$ )? \_\_\_\_\_
  15. What are the recommended normal approach airspeeds?  
Downwind: \_\_\_\_\_  
Base: \_\_\_\_\_  
Final: \_\_\_\_\_
  16. What is the recommended short field final approach airspeed? \_\_\_\_\_
  17. What is the recommended short field final approach flap setting? \_\_\_\_\_
  18. What is the recommended soft field takeoff technique? \_\_\_\_\_
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19. How does reducing gross weight effect maneuvering speed? \_\_\_\_\_
20. What is the stall speed with full flaps ( $V_{s0}$ )? \_\_\_\_\_
21. What is the stall speed with full flaps and a 60° bank angle? \_\_\_\_\_
22. What is the demonstrated crosswind component for your aircraft? \_\_\_\_\_
23. What is the primary purpose of flaps? \_\_\_\_\_
24. What is the service ceiling of the aircraft? \_\_\_\_\_
25. What is the power setting, fuel consumption, and true airspeed for 60% power at 8000 feet and standard temperature? RPM: \_\_\_\_\_  
Fuel consumption: \_\_\_\_\_ TAS: \_\_\_\_\_
26. What would be an indication of alternator failure? \_\_\_\_\_
27. Where is the alternate static source located in your aircraft? \_\_\_\_\_
28. What changes in pitot-static instruments would you expect when the alternate static source is in use?  
\_\_\_\_\_
29. What is the minimum runway length for takeoff in you aircraft under the following conditions?  
Max gross weight, no wind, sea level, 20°C: \_\_\_\_\_  
Max gross weight, no wind, 7000 feet, 30°C, 50-ft obstacle: \_\_\_\_\_
30. When are your passengers required to have their seat belts and shoulder harnesses fastened? \_\_\_\_\_  
\_\_\_\_\_
31. What aircraft documents are required to be onboard during flight? \_\_\_\_\_  
\_\_\_\_\_
32. What are the basic VFR weather minimums in Class D airspace?  
Ceiling: \_\_\_\_\_ Visibility: \_\_\_\_\_
33. What is the recommended spin recovery technique?  
\_\_\_\_\_
34. At what altitude are you required to use the hemispherical rule? \_\_\_\_\_
35. What inspections are required on this aircraft? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_