

Pilot\_\_\_\_\_

Instructor\_\_\_\_\_

Date\_\_\_\_\_

Cessna 182Q N735LH

05-02-07

1. Date of current aircraft weight and balance computations\_\_\_\_\_
2. Aircraft licensed weight\_\_\_\_\_ -
3. Useful load\_\_\_\_\_
4. Full usable fuel quantity\_\_\_\_\_
5. Maximum passenger and baggage weight with full fuel and oil\_\_
6. Tire pressure for nose\_\_ and \_\_ for the main tires.
7. System oil capacity is\_\_. At what level should you add oil for local flight\_\_
8. What are the values for the following indicated airspeeds?  
Vso\_\_\_\_\_ Vs\_\_\_\_\_ Vx\_\_\_\_\_ Vy\_\_\_\_\_  
Va\_\_\_\_\_ Vno\_\_\_\_\_ Vne\_\_\_\_\_ Vr\_\_\_\_\_  
Best Glide\_\_\_\_\_ Balked Ldg(Go around)\_\_\_\_\_
9. When in the traffic pattern the downwind leg should be flown\_\_\_\_\_
10. At what altitude should the pilot cross the “white water tower”?\_\_\_\_\_
11. On approach to landing what is the minimum descent altitude over the noise sensitive areas of Kennydale and Renton east hill?\_\_\_\_\_
12. What concerns override noise abatement procedures?\_\_\_\_\_
13. In BEFA high performance aircraft, after takeoff the pilot should reduce MP to the top of the green and RPM to the bottom of the green at what altitude? \_\_\_\_\_
14. In BEFA high performance aircraft, on approach to landing, the pilot should not increase the propeller to full until power has been reduced to ?\_\_\_\_\_
15. During engine starting and shutdown procedures what action should be taken regarding the avionics?\_\_\_\_\_
16. What steps should be taken if the electrical system malfunctions and the over voltage light illuminates. \_\_\_\_\_

17. If an engine failure occurs immediately after take-off what is the best airspeed to achieve with flaps up? \_\_\_\_\_
18. What are the desired airspeeds for landing without engine power with flaps up \_\_\_\_\_, with flaps down? \_
19. What is the CG location for you and your usual right seat passenger? \_\_\_\_\_
20. What airplane handling characteristics should you expect with forward CG? \_\_\_\_\_
21. Determine the take-off and landing distances for the following conditions: full fuel, maximum gross weight. Take-off on runway 12, field PA 2000 feet, temperature 85F wind 120/10, and grass surface. Find the ground roll \_\_\_\_\_ and total distance over a 50 foot obstacle \_\_\_\_\_. Find the landing distance over a 50 foot obstacle \_\_\_\_.
22. Find the ground roll \_\_\_\_\_, and take-off distance over a 50 foot obstacle on runway 30, with same conditions? \_\_\_\_\_