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 role_____, and take-off distance over a 50 foot obstacle on runway 30, with same conditions?_____