Private Pilot Quiz: Performance

1. What is density altitude?

2. How can you find out today’s pressure altitude?

3. What does “AGL” and “MSL” mean?

4. What is a “Standard Day”?

5. Look up the takeoff and landing charts in the “Performance” section of your POH. Considering today’s conditions, how much runway do you need:

a. to takeoff?\_\_\_\_\_\_\_\_\_  
b. to land?\_\_\_\_\_\_\_\_\_\_\_

6. Using the weight and balance charts in the “Weight and Balance” section of your POH, calculate a weight and balance problem using weights you decide on.

7. How does an aft CG affect your airplane’s performance?

8. What about a forward CG?

9. What is the stall speed with the flaps down (Vs0)? (see “Performance” in the POH)

10. What is the stall speed with the flaps up (Vs1)?