**Piedmont Flight Center**

*C-172 Checkout Review*

1) List the following airspeeds:

Vx: Vso: Vfe: Va: .

Vy: Vs1: Vne: Vg: .

2) For N420U, what is the:

Max Gross Weight (Takeoff): lbs

Basic Empty Weight: lbs

Useful Load: lbs

Useful Load with Full Fuel: lbs

3) What is the maximum and minimum oil capacity? Max: Min:

4) What is the maximum demonstrated crosswind component?

5) When is the electric fuel pump normally used?

6) How many fuel sumps are there in each wing, and in the fuselage?

7) Describe the procedure for an engine failure in flight.

8) Describe the procedure for an electrical fire in flight.

9) What is the takeoff and landing distance required over a 50ft obstacle, at maximum gross weight, on a standard day?

Takeoff: Landing:

10) What is the maximum glide distance if engine power is lost at 6000 ft AGL?

11) What is the maximum allowable flap setting for takeoff?

12) What is the aircraft’s fuel capacity? Usable: Unusable:

13) Cruising at 6000 ft pressure altitude, at 2300 RPM, on a standard day, what is the:

TAS: Fuel Burn:

14 Per Piedmont policy, are intentional spins allowed in N420U?

15) Can the parachute installed in N420U be used in an emergency? .

16) What is the reserve fuel required for,

Day: Night:

17) What is the maximum rate of climb at sea level, on, a standard day, at gross weight?

18) What is the procedure for leaning the engine for ground operations?

I understand that as Pilot in Command, the above limitations and procedures represent only a small fraction of the knowledge that I am required to possess prior to beginning any flight in this aircraft. As required in 14 CFR §91.103, I am required to become familiar with all available information concerning each flight.

Signature: Date:

Instructor: Date: