

C-172/C182 Checkout Questionnaire:

Name: _____ Date: _____ Score: _____.

Certificates/Ratings _____ Certificate Number _____.

Signature _____ Instructors Signature _____.

Limitations:

Vs _____ Vso _____ Vx _____ Vy _____.

Va _____ Vne _____ Vno _____ Vfe _____.

Max ramp wt. _____ Max T/O wt. _____ Min oil for T/O _____.

Max oil temp _____ Min oil pressure _____ Min Voltage for Start _____.

Systems:

Engine & Propeller:

Engine Manufacturer _____ Model Number _____.

Horsepower: _____.

Propeller Manufacturer & Type _____.

What is the minimum oil required for dispatch on a cross country? _____ Qts.

Fuel:

Total Capacity _____ Total Usable _____ Number of Drains _____.

Approved Grades/Color _____.

Number of pumps and type _____.

_____.

Electrical:

Battery voltage _____. System voltage _____.

Max output of alternator _____. Voltage regulation +/- _____.

How many alternators is this aircraft equipped with? _____.

Turning the "Master Switch" off in flight would have what effect on flight

Instrumentation and avionics?

Airframe/Instrumentation/Avionics:

Type of flaps installed _____. Type of landing gear _____.

Describe the aircrafts brake system. _____

What action must be taken before the aircraft to be leagally dispatched if the auto pilot is displaying a "fault" msg? _____

List the number of vacuum pumps installed and how it/they are driven. _____

The auto pilots' source for ROL input is the _____ instrument.

In the event the pitot tube becomes blocked, what instruments become unreliable?

Emergency power is available through an emergency battery (G1000 only). How much

Flight time would one expect to run the ships equipment in the event of an electrical

failure? _____.

Normal Procedures:

Describe the differences in the normal vs. hot start procedures as described in the POH.

Describe the normal procedure used to lean the mixture during a cross-country flight.

What is the purpose of the fuel drains located in various positions around the aircraft?

Describe the procedure for a short field landing.

Describe the procedure for dealing with a grounding maintenance issue, discovered during the preflight, while away from PDK on a cross country trip. _____

Weight and Balance/ Performance:

Complete the weight and balance and performance for a trip from PDK to DTS (Destin, FL.) based the following parameters given for the aircraft you will be flying. Figure max allowable fuel based on remaining weight available. Attach scratch paper if necessary.

C-172: Yourself + 2 pax, 75lbs. baggage. C-182: Yourself + 3 pax, 100lbs. baggage.

Conditions: 30 degrees C, 5kts headwind on takeoff, dry runway.
10kts tailwind enroute @ 6000'/6500', ISA+10.
30 degrees C, 5kts headwind on landing, dry runway.

T/O Weight: _____ . T/O CG: _____ .

Take off Distance over 50' obstacle _____ .

Estimated Fuel Burn _____ . Estimated Fuel Burn _____ .

Estimated Landing Wt. _____ . Estimated Landing Dist. _____ .

Estimated Reserves Upon Reaching Destination _____ .

Emergency Procedures:

Engine Failure After Take Off

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Engine Failure in Flight

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Forced Landing/ No Power

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Engine Fire in Flight

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Electrical Fire in Flight

1. _____
2. _____
3. _____
4. _____
5. _____

Inadvertent Flight into IMC

1. _____
2. _____
3. _____
4. _____
5. _____

Electrical Failure / Battery Only Ops

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

