



Name & License No: _____ Date: _____

RENTAL PROCEDURES

1. Where are the documents (C of A, C of R, Insurance, et cetera) for the airplanes kept? _____

2. Logbooks

a. What is the difference between air time and flight time? _____

b. When filling out the airplane log book at the end of your flight, which number is used for TTSN calculations? _____

c. For billing purposes, how is the length of your flight calculated? _____

3. Night Flying

a. Can you fly at night without an endorsement? _____

b. Why? _____

c. Define night. _____

4. Mountain Flying

a. Can you legally fly in the mountains without a mountain check ride? _____

b. Should you? _____

c. What is involved in a mountain check ride? _____

5. What is the insurance deductible in the event that the aircraft is damaged while in your care?

a. C150 _____ b. PA28 _____

6. Who do you call if there's something wrong with the airplane?

7. Aircraft Handling

a. At the end of your flight, ensure the fuel tanks are filled to: _____

b. To clean the canopy, use _____

c. To clean the wings, use _____

Cessna 150 (complete this section if you will be renting the C150)

Note: The original POH doesn't contain all the answers. You may have to use other sources.

1. Gross weight (lb) _____ Basic Empty weight (lb) _____
2. Where can you find the actual empty weight? _____
3. Fuel Capacity _____ Ave Endurance (hrs) _____
4. Maximum weight in baggage compartment _____
5. Maximum engine RPM _____
6. Never Exceed Speed (V_{NE}) _____
7. Maximum Flaps Extended Speed (V_{FE}) _____
8. Best rate of climb (V_Y) _____
9. Best angle of climb (V_X) _____
10. Rotation Speed (V_R) _____
11. Stall speed (no flaps) (V_S) _____
12. Stall speed (full flaps) (V_{SO}) _____
13. Approach speed (no flaps) _____
14. Approach speed (full flaps) _____
15. Best Glide Speed (V_G) _____ Maneuvering Speed (V_A) _____
16. Max Speed Normal Operations (V_{NO}) _____
17. Minimum Oil (quarts) _____
18. Performance
 - a. Fuel consumption at 7,000 ft, Std Temp and 62% power? _____
 - b. Airport elevation is 4,270 ft, altimeter setting is 30.19, temperature 20°C. What is the take off distance using flaps up? _____
 - c. Airport elevation is 4,270 ft, altimeter setting is 30.19, temperature 20°C. What is the landing distance using full flaps? _____
19. Maximum demonstrated crosswind? _____
20. Overshoot procedure _____

21. List the appropriate emergency procedures for the following situations:
 - a. Engine fire on start up _____

 - b. Engine Failure in Flight _____

 - c. Alternator Failure _____

Piper Cherokee (complete this section if you will be renting the PA28-180)

Note: The original POH doesn't contain all the answers. You may have to use other sources.

1. Gross weight (lb) _____ Basic Empty weight (lb) _____
2. Where can you find the actual empty weight? _____
3. Fuel Capacity _____ Ave Endurance (hrs) _____
4. Maximum weight in baggage compartment _____
5. Maximum engine RPM _____
6. Never Exceed Speed (V_{NE}) _____
7. Maximum Flaps Extended Speed (V_{FE}) _____
8. Best rate of climb (V_Y) _____
9. Best angle of climb (V_X) _____
10. Rotation Speed (V_R) _____
11. Stall speed (no flaps) (V_S) _____
12. Stall speed (full flaps) (V_{SO}) _____
13. Approach speed (no flaps) _____
14. Approach speed (full flaps) _____
15. Best Glide Speed (V_G) _____ Maneuvering Speed (V_A) _____
16. Max Speed Normal Operations (V_{NO}) _____
17. Minimum Oil (quarts) _____
18. Performance
 - a. What is the fuel consumption at 75% power? _____
 - b. Airport elevation is 4,270 ft, altimeter setting is 30.19, temperature 20°C. What is the take off distance with 25° of flaps? _____
 - c. Airport elevation is 4,270 ft, altimeter setting is 30.19, temperature 20°C. What is the landing distance over a 50 ft barrier using 40° of flaps? _____
19. Maximum demonstrated crosswind? _____
20. Overshoot procedure _____

21. List the appropriate emergency procedures for the following situations:
 - a. Engine fire on start up _____

 - b. Engine Failure in Flight _____

 - c. Alternator Failure _____
