



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 \_\_\_\_\_

8. How long after your flight is completed is payment due? \_\_\_\_\_



**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 \_\_\_\_\_ Useable Fuel \_\_\_\_\_ Ave Endurance (hrs) \_\_\_\_\_
4. Maximum weight in baggage compartment \_\_\_\_\_ In Area 1 \_\_\_\_\_ In Area 2 \_\_\_\_\_
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 \_\_\_\_\_

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

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  - b. Engine Failure During Flight \_\_\_\_\_

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  - c. Alternator Failure \_\_\_\_\_

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**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 \_\_\_\_\_ Useable Fuel \_\_\_\_\_ 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 During Flight \_\_\_\_\_
  - c. Alternator Failure \_\_\_\_\_