ODFA Rental Aircraft Worksheet July 24, 2024

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 _____ 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 _____