

## **Pre-Solo Written Test**

**For Olive Branch, MS (KOLV) and Fayette County, TN (KFYE) airports**

1. May a Student Pilot ever carry passengers?
2. What documents and endorsements must you have when flying solo?
3. How long is your Third Class medical valid?
4. How long is your Student Pilot License valid?
5. How often must you be signed off for local solo?
6. What is required prior to a Student Pilot Cross Country flight?
7. What is the minimum flight or ground visibility for Student Pilot Solo during the day?  
At night?
8. Describe the location and altitude of the floor(s) of the Memphis Class B airspace in relation to the Olive Branch and Fayette County airports.  
(May refer to TAC or Sectional charts).
9. What are the frequencies for the following (may use chart):  
Olive Branch ATIS  
Olive Branch Ground  
Olive Branch Tower  
Fayette County Unicom / CTAF  
Memphis Approach (east)
10. What is the minimum altitude to fly over a congested area?  
Minimum for anywhere?
11. Who is directly responsible for, and the final authority as to the operation of an aircraft?
12. Is it required to check runway lengths for all flights?
13. What is the minimum fuel reserve for day, VFR flight?
14. What would you do if you encountered another airplane head-on?  
What if it is on your right converging with you?
15. Who has the right of way – an airplane on final or one waiting to take off?

**For the following you may refer to your Owners Manual or Pilot Operating Handbook:**

16. What is the Total fuel capacity? Usable fuel capacity?
17. How many gallons per hour is the cruise fuel consumption when leaned?
18. What is the best angle of climb speed ( $V_x$ ) ? Best Rate of climb speed ( $V_y$ )? Best Glide?
19. What is the Max Takeoff Gross Weight?
20. What is the Take-off distance to 50', Sea Level, standard day ( $59^\circ$ ) at Max gross weight?
21. Maximum oil capacity? Minimum to begin a flight?
22. What is the Go-Around procedure?
23. What is the purpose of draining fuel sumps before flight and after refueling?
24. What is the direction of a standard traffic pattern? Height AGL unless otherwise published?
25. What are you required to have as student pilot to operate within a Class B airspace?
26. What are the transponder and encoding altimeter requirements under or within a Class B?
27. What is the procedure following an engine failure at low altitude? Higher altitude?
28. What is the definition of careless or reckless operation?
29. What is the minimum time after consumption of alcohol to operate an aircraft?
30. When are you permitted to deviate from an ATC instruction?
31. What is the emergency frequency? Emergency transponder code?

Student: \_\_\_\_\_ Signature: \_\_\_\_\_

Instructor: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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