

Private Pilot Review Questions

v.1.0 2/7/2024

1. What documents must be on board the aircraft for flight?
2. What documents must you have with you when flying?
3. What are the requirements to remain current as a Private Pilot? To carry passengers?
4. How long is your Third Class medical or Basic Med valid?
5. What maintenance inspections must be accomplished and in the aircraft maintenance records?
6. Describe the procedure for an inoperative piece of equipment on the aircraft.
7. 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 ForeFlight or TAC or Sectional charts).
8. What are the frequencies for the following (may use chart and Chart Supplement):
Olive Branch ATIS
Olive Branch Ground
Olive Branch Tower
Fayette County Unicom / CTAF
Memphis Approach (east)
What are the hours of operation for OLV Tower?
9. What is the minimum altitude to fly over a congested area? Minimum for anywhere?
10. Who is directly responsible for, and the final authority as to the operation of an aircraft?
11. Is it required to check runway lengths for all flights?
12. What is required to be checked prior to a flight not in the vicinity of an airport?
13. What is the minimum fuel reserve for day, VFR flight? At night?
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?
16. What is the direction of a standard traffic pattern? Height AGL unless otherwise published?
17. What are the requirements to operate within a Class B airspace?

18. What are the avionics requirements to operate under or within a Class B?
19. Describe the procedure to enter a Class B. Describe the procedure to depart a Class B.
20. What is the emergency frequency? Emergency transponder code?
21. What is the definition of careless or reckless operation?
22. What is the minimum time after consumption of alcohol to operate an aircraft?
23. When are you permitted to deviate from an ATC instruction?

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

24. What is the procedure following an engine failure at low altitude? Higher altitude?
 25. What is the Total fuel capacity? Usable fuel capacity?
 26. How many gallons per hour is the cruise fuel consumption when leaned?
 27. What is the stall speed clean (V_s)? Stall speed with full flaps (V_{so})? What is the best angle of climb speed (V_x)? Best Rate of climb speed (V_y)? Best Glide? Max flap extension speed (V_{fe})?
 28. What is the Max Takeoff Gross Weight?
 29. What is the Take-off distance to 50', Sea Level, standard day (59°) at Max gross weight?
 30. Maximum oil capacity? Recommended quantity? Minimum to begin a flight?
 31. Calculate a weight & balance with full fuel and one 190 lb. passenger.
 32. What is the Go-Around procedure?
 33. What is the purpose of draining fuel sumps before flight and after refueling?
 34. Describe the aircraft Fuel system including fuel vent system. Electrical system.
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35. What instruments and equipment are required for day, VFR flight? Night VFR?
 36. When using a GPS for VFR flight is it legal to fly with an expired database?
 37. Describe the light gun signals.

38. Describe the VFR cruising altitude hemispherical rule.
39. At what altitude(s) is supplemental oxygen required?
40. Describe VFR visibility and cloud clearance required in each: Class B, Class C, Class D, Class E airspace and above 10,000' MSL.
41. Describe Special VFR and its procedures. Requirements for Special VFR at night?
42. Describe if/when/how you can fly into the following: a Restricted Area, MOA, Prohibited Area, SFRA [Special Flight Rules Area], TFR, ADIZ.
43. Describe LAHSO [Land And Hold Short Operations]

Human Factors

44. What is ADM? What is SRM?
45. Describe how the "PAVE" checklist is used to assess risk during flight planning.
46. Describe the elements of the "I'M SAFE" personal checklist to determine personal risks.
47. Name the five hazardous pilot attitudes.
48. What is one method of prioritizing tasks to avoid an overload situation?
49. What is "Situational Awareness"?
50. What is a "Sterile Cockpit" and how can it be utilized?