

Pre-Solo Written: Closed Book (Instructor Option) Portion

Name _____

Date _____

1. Please list and define each of the following speeds in KIAS:

V_x:

V_y:

V_a:

V_{s0}:

V_{s1}:

V_{no}:

V_{fe}:

V_{ne}:

Best Glide Speed:

2. Please list and explain the procedures you would follow should your engine stop while aloft.

3. Please explain how you would set the GPS to take you back to the Bay Bridge Airport.

1. What are the CTAF and AWOS frequencies at W29?
2. What is the field elevation at W29? Is this AGL or MSL?
3. Please draw the runways and traffic patterns at W29. Include noise abatement procedures.
4. May you do touch-and-goes at W29?
5. Who has final responsibility for determining aircraft airworthiness?
6. What documents are required on board the aircraft for all flights?
7. What documents are students required to carry while flying solo?
8. Explain the endorsements required for solo flight, and where they are located.
9. When flying solo, are you allowed to carry passengers?
10. Who is the Pilot In Command during a student solo flight and how is it logged?
11. What are the required fuel reserves for VFR day flights?
12. What is the total usable fuel capacity?
13. What is the correct fuel grade and color?
14. How much TCP should be added?
15. Should aviation oil be used in this engine?
16. What is the minimum operating oil level?
17. How should you select an appropriate location for engine run-up?
18. What should you do if you notice your water temperature rising too high while on the ground? While in the air?
19. When should you execute a go-around?

Explain the procedure for executing a go-around.

20. At what time of day must the aircraft's strobe lights be turned on?
21. True or False? All three wheels of the landing gear are designed to withstand the full weight of the airplane on touchdown.
22. What indication on the VASI that you are too low on approach?
23. True or False? A student pilot on a solo flight may perform takeoffs and landings at other than his/her home airport without instructor approval/endorsement as long as the other airport is within 50 nautical miles.
24. If there is no altimeter setting available, what setting should be used for a local flight?
25. Except when necessary for takeoff or landing, what is considered to be minimum safe altitude for all flight situations?
26. What is the minimum safe altitude over a sparsely populated areas?
27. In case of getting lost, what is your plan of action?
28. What is the minimum safe altitude for practicing maneuvers?
29. Where is the practice area located?
30. What must you do prior to practicing maneuvers?
31. What is Carbon Monoxide poisoning? What are the symptoms? Under what situations is it most prevalent and what can be done to prevent it?
32. How can you determine if a runway is closed?
33. Which aircraft has the right of way when two aircraft are on final approach at the same time?
34. What is the cell phone number of your instructor?
35. What is the phone number for Chesapeake Sport Pilot?

36. Please explain how to use the self serve fuel pump.

37. Should you leave the hose nozzle in the filler ring unsupported while you go pee?

Additional Airports:

1. What are the ATIS, ground control and tower frequencies at ESN?

2. What is the field elevation at ESN? Is this AGL or MSL?

3. Please draw the runways and traffic patterns at ESN.

4. May you do touch-and-goes at ESN?

5. What should you do if you are unsure about or did not hear clearly an instruction given to you by ATC at ESN?

1. What are the CTAF and AWOS frequencies at RJD?

2. What is the field elevation at RJD? Is this AGL or MSL?

3. Please draw the runways and traffic patterns at RJD.

4. May you do touch-and-goes at RJD?

Date of Completion: _____.

Date of Correction/Review with Instructor: _____.

Student Signature: _____.

Instructor Signature: _____.