

AeroDynamic Aviation

Pre Solo Student Pilot Test

NAME _____ GRADE _____

CFI _____ DATE _____

Instructions: Read each statement carefully. If TRUE according to current Federal Aviation Regulations, make an X in the column headed "True". If FALSE, make a X in the column headed "False". Passing grade is 80%.

TRUE FALSE

1. _____ A student who has not piloted a powered aircraft within 90 days shall not pilot such aircraft in solo flight without first passing a flight check given by a flight instructor, and having that fact endorsed by such instructor in the student pilot's log book. FAR 61.87 (I)

2. _____ A student may legally pilot an airplane in solo cross-country flight with no requirements other than that of having acquired at least 10 hours of solo flight. FAR 61.93 (A) (B)

3. _____ After initial solo, a student may pilot any aircraft of the same category as that which he soloed. FAR 61.87(I)

4. _____ If, while circling an airport preparatory to landing, you receive a steady red light from the traffic control tower, you should give way to other aircraft and continue circling. FAR 91.125

5. _____ If you have been properly cleared to make a flight and when ready for take-off you receive flashing white lights from the traffic control tower, you should return to the starting point on the airport. FAR 91.125

6. _____ Responsibility for proper checking of an aircraft prior to flight rests with the mechanics in charge of the aircraft. FAR 91.7

7. _____ The 3rd Class medical certificate of the student or private pilot under the age of 40 must be renewed at the expiration of 24 calendar months. FAR 61.23 (C)

8. _____ If you are ready for take-off and receive a flashing red light from the control tower, you should taxi clear of the landing area (runway) in use. FAR 91.125
9. _____ If, either while on the ground or in flight, you receive an alternating red and green light from the traffic control tower, you should be on the alert for hazardous or unusual conditions. FAR 91.125
10. _____ Between the hours of sunset and sunrise, you should not have an airplane in the air without operating position and anti-collision lights. FAR 91. 207 (A)(B)
11. _____ An aircraft in distress has the right-of-way over all other aircraft except lighter-than-air aircraft. FAR 91.113 (C)
12. _____ An airspace shown on the chart as a blue dashed-line circle around an airport is Class D airspace.
13. _____ You must not enter Class C airspace without specific clearance from the controlling agency: i.e. "Cessna 1234 cleared to enter Class C airspace." FAR 91.130 (C)
14. _____ Over congested areas of cities or towns, the minimum legal altitude is 1000 feet above the highest obstacle within a horizontal radius of 2000 feet from the aircraft. FAR 91.119 (B)
15. _____ The minimum legal altitudes for flight anywhere (except during take-offs and landings) is an altitude which will permit, in the event of engine failure, an emergency landing without undue hazard to persons or property on the surface. FAR 91.119 (A)
16. _____ Even though your airplane has the right-of-way according to Federal Aviation Regulations, it is your responsibility to maneuver to avoid collision. FAR 91.113 (B)
17. _____ If your airplane is overtaking another, it is your responsibility to avoid collision and should alter your course to the right. FAR 91.113 (F)
18. _____ If two or more airplanes are on final approach to landing, the right-of-way belongs to the airplane which is at the higher altitude. FAR 91.113 (G)
19. _____ An airplane which is ready for take-off has the right-of-way over an airplane approaching to land. FAR 91.113 (G)

20. _____ When two airplanes are approaching head-on, or approximately so, the faster must alter its course to the left. FAR 91.113 (G)

Fill the Blanks

21. _____ What class airspace is RHV ?
22. _____ What are the dimensions of RHV airspace ?
23. _____ What are the requirements to operate in and/or enter RHV airspace ?
24. _____ What are some of the landmarks used to define RHV airspace ?
25. _____ What are some of the landmarks used to define SJC airspace ?
26. _____ What are the tower and ground frequencies for RHV ?
28. _____ Alternate RHV tower frequency ?
29. _____ When would you use the alternate tower frequency ?
30. _____ Flight Service Frequency in San Jose area?
31. _____ What is the ATIS Frequency at RHV ?
32. _____ What areas on the airport require contact with RHV ground?
33. _____ How long can you keep flying solo without a new endorsement?
34. _____ How many non-pilot passengers can you carry as a Student Pilot?
35. _____ What is the latest time of day you must be on the ground?
36. _____ Whose agreement do you need before you can go solo again?

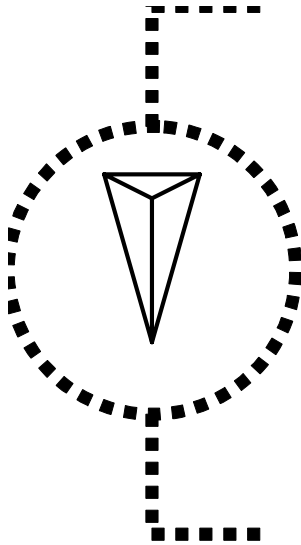


Figure 1.

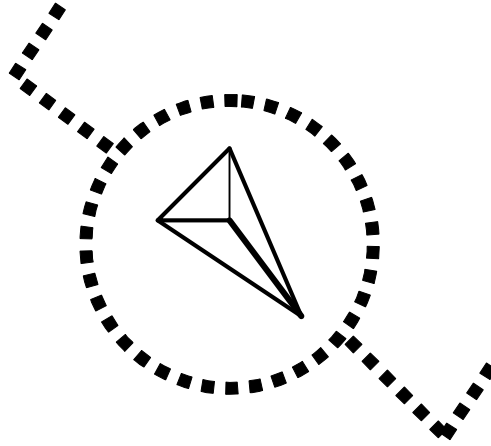


Figure 2.

37. _____ If you are landing at an airport that displays the segmented circle and tetrahedron shown in Figure 1, should you fly a right-hand or left-hand pattern? AIM 4.3.3
38. _____ What runway would be in use at an airport that displays the segmented circle shown in figure 1? (North is at the top of the page.)
39. _____ If you are landing at an airport that displays the segmented circle and tetrahedron shown in Figure 2, what will be your approximate compass heading on the base leg? (North is toward the top of the page.) AIM 4.3.3