

PRE-SOLO X-COUNTRY WRITTEN EXAMINATION

1. The usable fuel capacity of the aircraft to be used in my cross country flight is gals.
2. The hourly fuel consumption at 75% of power at 4000 ft. (a conservative situation), is gals.
3. According to FAR's, upon arrival at my destination, during daylight hours, I must still have minutes of available fuel, and upon arrival at night minutes of available fuel
4. Must a VFR Flight Plan be filed for my flight ?.....
With whom?.....
5. What FAA facilities can activate your flight plan, once the flight is begun? What is one of *their* frequencies, locally?
6. What FAA facility must be contacted before entering Class B or Class C airspace?
..... Is this contact mandatory? What equipment is it necessary to have in the aircraft before entering these segments of the
airspace?
7. What equipment is necessary to be in the aircraft in order to fly above the lateral limits of Class B and C airspace and in all airspace above 10,000 feet MSL?
8. Prior to reaching what distance from an uncontrolled airport should the pilot report on the CTAF to the local traffic?miles
9. Prior to reaching what distance from a tower controlled airport should the pilot report to the tower? miles
10. Prior to reaching what distance from Class C airspace should the pilot report to the local approach control facility? miles.
11. Prior to what distance from Class B airspace should the pilot report to the local approach control facility? miles
12. State the student pilot requirements to enter that Class B airspace in which student pilots are permitted to fly?
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13. What is normally the pattern altitude at airports (unless otherwise stated in the Airport/Facility Directory)? feet.
14. From whom can the traffic pattern altitude be obtained while airborne, in case of the necessity of changing the destination airport?
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15. In the event that a pilot is unable to determine or obtain any frequencies from a publication, while airborne, what standard frequency might be used to obtain assistance? MHz
16. What is the no wind range of the aircraft to be used on your cross-country flight as described in the airplane's operating handbook?
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17. From the operating handbook determine the landing distance required to land at a 4000 ft. MSL airport, with a temperature of 90 F. and a headwind component of 6 knots. _____ feet
18. According to FAR's what are the VFR minimums for flight within the following segments of airspace ?:
Class B: _____
Class C: _____
Class D: _____
Class E: _____
Class G: _____
19. In what segments of the airspace do military activities restrict or prohibit their use by non participating (non military) traffic?
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20. When should the heading indicator be set relative to the magnetic compass? _____ How often should the heading indicator be rechecked?
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21. Having made an initial report when approaching a Unicom equipped field, when should additional reports be made?

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22. If a VFR flight plan is filed, should Flight Service be notified if an alternate course of action is taken (other than that filed), or if the flight planned time is appreciably delayed?

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23. If you feel temporarily disoriented (lost) during the flight, which FAA facilities might you call for assistance?

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24. Describe what plan of action you might take if no radio assistance could be reached, and you are disoriented.

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25. List the order or frequencies to be used in flying into Class B or Class C airspace.

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26. Classically, what weather conditions might be encountered in or near a cold front?

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27. From which facilities can a pilot obtain weather forecasts and information before departure?
..... While enroute?

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28. Classically, what weather might be encountered in warm frontal conditions?

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29. On a sectional chart, where does a pilot obtain information regarding terrain and obstruction elevations?

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30. How are navigation aids which transmit TRANSCRIBED WEATHER BROADCASTS identified on sectional charts.

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31. Must a logbook endorsement be obtained from a Certified Flight Instructor before departing on any cross-country flight?

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32. Must a student pilot's pilot certificate be endorsed for cross country flight before the pilot can undertake cross-country flights?

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33. Should a student pilot's logbook be signed by someone at airports of landing, while on required cross country flights?

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34. What procedure should be followed if the engine fails while in flight?

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35. When locating one's position, using VOR, should a TO or FROM indication be used?

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36. How can one determine if a VOR is unreliable or out of service?

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37. What is the significance of a blue colored airport on a sectional chart?

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38. From which rules may a pilot deviate to the extent required to meet an emergency?

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39. If such a deviation becomes necessary, whom must the pilot notify?

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40. According to FARs, how long may a pilot fly at cabin pressure altitudes above 12,500 ft MSL and 14,000 ft. MSL without the use of supplemental oxygen?

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I have completed the SOLO CROSS-COUNTRY Written Exam and reviewed the areas covered with my flight instructor.

Student Pilot's Signature.....

Graded by

Grade

Date.....