

Pilot: _____

Pre-Solo Test

Date: _____

1. What class of medical certificate must a student pilot hold in order to solo? _____
2. How long is it valid for? _____ When does yours expire? _____
3. What must the instructor endorse before you can solo in any particular make and model of aircraft? _____ How long is that endorsement good for? _____
4. Can you solo without this endorsement? _____
5. Can student pilots carry passengers? _____
6. Can a student pilot fly an aircraft in furtherance of his business? _____
7. When must you carry your student pilot certificate? _____
8. To whom are you required to present it when requested? _____
9. What must you have endorsed before you can fly outside of the instructor-designated practice area?

10. What make and model of aircraft do you plan to solo? _____

11. Define the following V speeds and give their value for this aircraft

V_{so}: _____ : _____
V_s : _____ : _____
V_x : _____ : _____
V_y : _____ : _____
V_{fe}: _____ : _____
V_a : _____ : _____
V_{no} : _____ : _____
V_{ne} : _____ : _____

Best Glide: _____ : _____

12. What limitations has your instructor given you for solo flights?

Ceiling	Visibility	Wind	Crosswind Component

13. If approaching another aircraft head on or nearly so, you shall give way to the _____?
14. If your airplane is converging with another airplane at the same altitude or nearly so, which airplane has the right of way? _____
15. If you are overtaking another aircraft, the other aircraft has the right of way. You must pass to the _____ and pass well clear.
16. At the airport from which you operate, controlled airspace begins at _____ feet AGL.
17. When operating with Visual Flight Rules below 10,000 ft MSL and above 1,200 feet AGL you must remain how far from clouds? _____ above, _____ below, _____ horizontally.

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18. The minimum safe altitudes as stated in the FAA Regulations are "Anywhere":

Over a "congested area": _____

Over an "other than congested area": _____

19. Scanning for traffic is most efficient if the horizon is scanned in ____ degree increments.

20. When should you apply carburetor heat in the airplane you will solo?

21. What are the communications frequencies at the airport at which you will solo?

22. Recovery from practice stalls must be made at least _____ ft AGL.

23. What are the maximum degrees of flaps to be used for takeoff in the aircraft you will solo? _____ degrees

24. Will squawking "1200" (even for 10 sec) within the DC ADIZ earn you a FAA violation? _____

25. FAA Regulations specifically prohibit flying in a reckless or careless manner. State 3 activities that you consider to be reckless or careless but do not otherwise specifically violate a FAA Regulation:

(a) _____

(b) _____

(c) _____

26. For each runway at the field from which you operate, state whether the traffic pattern is right or left handed?

Runway 10 R/L Pattern Runway 28 R/L Pattern

27. Define the following abbreviations or terms:

ITEM	DEFINITION	ITEM	DEFINITION
AGL		ATC	
CAS		DC ADIZ	
DME		FRZ	
IDENT		IFR	
KIAS		MSL	
PIC		SQUAWK	
STALL		TRACON	
TAS		TFR	
VFR		VORTAC	

I have completed this pre-solo written exam, reviewed all the questions and answers with my instructor, and fully understand all the material covered.

Student's Signature: _____ Student Pilot Certificate: _____

Graded By: _____