

1. List the documents necessary for legal flight, usually checked in pre-flight action.
  
2. What documents & endorsements must a student pilot have with him for a solo cross-country flight to be legal?
  
3. What must a student pilot have with him for solo flight in Class B airspace?
  
4. Your aircraft:

Aircraft make & model	
Total Fuel	
Usable Fuel	
Fuel type & colour	
Oil Capacity	
Max Takeoff Weight	
Va	
Vx	
Vy	
Vs	
Vso	
Vfe	
Vglide	

5. List the emergency procedures you'll use for an in-flight engine failure.

6. Your airport:

Runways	
Pattern Altitude	
CTAF	
ATIS/ASOS	
Field elevation	

- 7. What is the electric fuel pump used for?
  
- 8. What is carb-heat used for?
  
- 9. When is carb-ice likely to occur?
  
- 10. What are the dimensions of Tampa’s Class B airspace?
  
- 11. What are the dimensions of Sarasota’s Class C airspace?
  
- 12. What are the normal dimensions of Class D airspace? Examples in Tampa area?
  
- 13. What are the VFR day cloud clearance requirements in controlled airspace?
  
- 14. What are the minimum safe altitudes for:  

Sparsely populated areas	
Populated areas	
Anywhere else	
  
- 15. What are the VFR fuel requirements for day and night VFR cross-country?
  
- 16. List the 2 types of drag on an airplane & which does pilot have control of?

17. List the transponder codes:

VFR flight	<input type="text"/>
Emergency	<input type="text"/>
Lost Communications	<input type="text"/>
Hijack	<input type="text"/>

18. What do flaps do?

19. When flying in the pattern at an uncontrolled airport, what position reports should be made?

20. At what altitude should ground reference maneuvers be performed?

21. What would you do if your alternator failed?

22. Describe the “go-around” procedure:

Power-up:

Pitch-up:

Clean-up:

23. When should you “rich” the mixture?

24. When should you lean the mixture?

25. How often should you switch fuel tanks while in-flight?

26. When you are approaching the airport, what radio transmission will you make when you are 5-10 miles away?
  
27. As a student pilot, how often does your logbook have to be endorsed for solo flight?
  
28. When should the landing light be used?
  
29. When should the aircraft position lights be used?
  
30. When should the beacon & anti-collision lights be used?
  
31. What are the four forces that act on an airplane in flight?
  
32. What is the relationship of these four forces when in flight?
  
33. When do you experience “ground-effect” and at what altitude?
  
34. What should you do if you encounter turbulence?
  
35. What should you do if you get lost and need help to return to the airport?



What are the requirements for VFR day flight (FAR §92.205):

T	F
O	L
M	A
A	M
T	E
O	S

What are the additional requirements for VFR night flight (FAR §92.205):

F  
L  
A  
P  
S

Inspections required:

A Current Annual – every \_\_\_\_ months  
V VOR test – every \_\_\_\_ days  
1 \_\_\_\_ Hour Inspection  
A Altimeter/Pitot Static System – every \_\_\_\_ months  
T Transponder – every \_\_\_\_ months  
E ELT – every \_\_\_\_ months

Personal Checklist – I'M SAFE

I \_\_\_\_\_ M \_\_\_\_\_ S \_\_\_\_\_ A \_\_\_\_\_ F \_\_\_\_\_ E \_\_\_\_\_