

Name: \_\_\_\_\_

Date: \_\_\_\_\_

CFI Signature: \_\_\_\_\_



1. How long can you crank the starter before aborting the start attempt? What is the cooldown period between attempts? What is the max number of attempts?
2. How long can you wait before shutdown if no oil pressure appears
3. Under what circumstances should an engine be leaned?
4. Describe the recommended procedure for leaning an engine.
5. Describe the procedure for an engine fire during start up if the engine has started. If the engine has not started.
6. A left quartering tailwind exists during taxi, where should the flight controls be positioned?
7. Describe the procedure to recover from a stall during departure with no flaps.

8. Describe the procedure to accomplish a go-around from an approach to land with full flaps.

9. Describe the procedure for an electrical fire in flight.

10. Define the following:

Service Ceiling	
Max Gross Takeoff Weight	
$V_X$	
$V_Y$	
$V_A$	
$V_{S0}$	
$V_{S1}$	
$V_{FE}$	
$V_{NO}$	
$V_{NE}$	
Best Glide	

11. What are the lateral and vertical limits of Burlington's Class C airspace?

12. What is wind shear and why is it hazardous to flight?

13. List the four designated transponder codes and what they mean.

14. Define the following light gun signals.

Signal	Ground	Air
Steady Red		
Steady Green		
Flashing Red		
Flashing Green		
Alternating Red/Green		
Flashing White		

15. True / False: An airplane stalls only at the published stall speeds

16. When is a Mode C transponder required?

17. List the cloud clearance and visibility requirements for all airspaces.

	A	B	C	D	E	G
Cloud Clearance						
Visibility						

18. What should you do when approaching another aircraft head on?



28. What are the minimum day and night VFR fuel requirements for VFA? (VFA SOP)
29. What is the minimum runway length a VFA renter may fly into without a short field checkout? (VFA SOP)
30. When is it permissible to use the built-in aircraft step to check fuel? (VFA SOP)
31. What frequency does VFA operate for ground to aircraft radio communications? (VFA SOP)
32. How often must a renter fly with VFA in order to rent a VFA aircraft without an instructor? (VFA SOP)
33. When is a SIDA badge required? (VFA SOP)
34. When is flight permitted below 1000' AGL? (VFA SOP)
35. What is the max crosswind component for solo flight for a private pilot or above wishing to rent an aircraft? (VFA SOP)
36. What is the required ceiling, visibility, and winds for a local solo flight if you are a private pilot or above? (VFA SOP)

37. List the cold weather operations dispatch temperatures and who may fly in them. (VFA SOP)

17.6 The following temperature restrictions are established:

Without Cold Weather Kit		
	Dual Flights	Student or Renter
	Minimize reduced power and power-off operations	Minimize reduced power and power-off operations. Only with flight instructor permission and cold weather pre-brief
	No power-off operations (Except final landing)	No Flights
	No Flights	No Flights

With Cold Weather Kit		
	Dual Flights	Student or Renter
	Minimize reduced power and power-off operations	Minimize reduced power and power-off operations. Only with flight instructor permission and cold weather pre-brief
	No power-off operations (Except final landing)	No Flights
	No Flights	No Flights

38. When is preheat required? Who can operate a preheater? (VFA SOP)

39. May someone enter or exit the aircraft when the engine is running? (VFA SOP)