

Date \_\_\_\_\_

Student Name \_\_\_\_\_ Instructor \_\_\_\_\_

Aircraft Make and Model \_\_\_\_\_ Time in Aircraft \_\_\_\_\_

Initial score \_\_\_\_\_ corrected to \_\_\_\_\_

1. What are the below v-speeds for your aircraft and what is the definition of each?

V <sub>so</sub> _____	_____
V <sub>s</sub> _____	_____
V <sub>r</sub> _____	_____
V <sub>x</sub> _____	_____
V <sub>y</sub> _____	_____
V <sub>fe</sub> _____	_____
V <sub>a</sub> _____	_____
V <sub>no</sub> _____	_____
V <sub>ne</sub> _____	_____

2. Do we land with full flaps and if so what speed? \_\_\_\_\_  
With partial flaps \_\_\_\_\_ With no flaps \_\_\_\_\_

3. What must you have in your possession while flying solo and when do these documents expire? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What endorsements do you need to have prior to flying solo and where? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. What limitations exist for student pilots when flying solo? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. What are the minimum weather requirements for solo flight? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Can you, as a student pilot land at Atlanta-Hartsfield or fly through the Class B airspace? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Who is responsible for the operation of the aircraft when flying? \_\_\_\_\_  
Who is responsible for determining the airworthiness? \_\_\_\_\_
9. What documents and certificates are required to be on board the aircraft and which one must be prominently displayed? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
10. What speed should you taxi your aircraft at and which “catch all reg” would you be busting by taxiing too fast? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
11. Above what percent blood alcohol level is considered illegal and what is the general hourly minimum associated between consumption and flying? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
12. What is the IMSAFE check list and how should you apply it? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
13. Before beginning a flight what preflight action if any is required? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
14. During which aircraft operation(s) must you wear your seatbelt and shoulder harness?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
15. Who has the right of way in the following and what action needs to be taken?  
You are overtaking another aircraft? \_\_\_\_\_  
Nearly head on? \_\_\_\_\_  
You are converging w/ another aircraft from the right? \_\_\_\_\_  
Both aircraft on final? \_\_\_\_\_

16. What altitudes should you fly at while on a cross country? \_\_\_\_\_

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What minimum safe altitudes you should fly at otherwise? \_\_\_\_\_

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17. May a pilot deviate from an ATC clearance? If so, when and why? \_\_\_\_\_

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18. What are the FAA approved light gun signals and their meanings in the air and on the ground?

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19. Describe the airspace that McCollum is in and give the dimensions? \_\_\_\_\_

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20. Draw the airport (*also show traffic patterns*) and list the frequencies for McCollum airport.

21. Why is a Mode C transponder required when operating the airplane in and out of McCollum? \_\_\_\_\_

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22. Describe the airspace that Cartersville is in and give the dimensions? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

23. Draw the airport (*also show traffic patterns*) and list the frequencies for Cartersville airport.

24. Describe how to enter the traffic pattern for non-towered airports. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

25. What are your minimum fuel requirements and what do the regulations say about minimum fuel? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

26. What altitude should you practice stalls, steep turns and MCA at? \_\_\_\_\_  
\_\_\_\_\_

27. Describe the airspace (*cloud clearances and visibility*) for the following:  
McCollum \_\_\_\_\_  
Cartersville \_\_\_\_\_  
airspace below 1200 AGL \_\_\_\_\_  
airspace above 1200 AGL \_\_\_\_\_

28. Describe your aircraft to include the airframe engine and electrical system. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

29. What equipment is required to be in the aircraft? \_\_\_\_\_  
Day-VFR \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Night-VFR \_\_\_\_\_  
\_\_\_\_\_

30. Can you fly with any of the above not operational? \_\_\_\_\_  
\_\_\_\_\_ What about an optional piece of equipment? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

31. What is the total fuel capacity? \_\_\_\_\_ How much is useable? \_\_\_\_\_

32. What color should the fuel be? \_\_\_\_\_ Why is this? \_\_\_\_\_

33. What is the oil capacity for this aircraft? \_\_\_\_\_ What is the minimum we need fly with? \_\_\_\_\_

34. How would we determine that we are accumulating carburetor icing? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ What would be the correct action to take? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

35. How would you know if a low voltage situation was occurring and what would you do to correct it? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

36. When would you execute a go-around maneuver? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

37. What is a stall? \_\_\_\_\_  
\_\_\_\_\_ How would you recover from one? \_\_\_\_\_  
\_\_\_\_\_

38. What is a spin? \_\_\_\_\_

\_\_\_\_\_ How would you recover? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

39. Describe the emergency procedure you would perform if you had an engine failure just after takeoff? (below 500' AGL) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

40. What do you if you have engine problems at cruise? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

41. What is the recommended procedure to enter the pattern if radio communications have been lost? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

42. You are cleared to runway 27 at Bravo 3 can you cross the runway without stopping?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

43. How would you request fuel or services from the FBO? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

44. What speed should you maintain or slow down if you encounter turbulence and why ?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

45. What is the maximum RPM drop during a magneto check and why are you checking them? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Describe the corrective action if found to be excessive. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

46. Describe the starting procedures for your aircraft. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_