

**PRE-SOLO WRITTEN EXAM**

1. What personal documents do you have to have with you when you fly as pilot in command?

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

2. What aircraft documents are required to be on the airplane every time you fly (AROW)?

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

3. Are you allowed to carry a passenger when you fly solo? \_\_\_\_\_

4. Are you allowed to fly for compensation or hire as a student pilot? \_\_\_\_\_

5. How long is your solo endorsement good for? \_\_\_\_\_

6. What preflight actions are required by the Federal Aviation Regulations Part 91?

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

7. What is the minimum amount of fuel you are required to have on board for a VFR daytime flight? \_\_\_\_\_

8. What grade of fuel can we use? What color is it?

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

9. What is the minimum safe altitude you can fly over a congested area?

\_\_\_\_\_

10. What is the minimum safe altitude you can fly over a non-congested area?

\_\_\_\_\_

11. Which aircraft has the right of way when more than one aircraft are approaching an airport for landing? \_\_\_\_\_

12. Which aircraft has the right of way when two airplanes are approaching head on, and how does each avoid the other?

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

13. Who has the final authority and responsibility of the operation of the aircraft when you are flying solo? \_\_\_\_\_

14. When flying solo, when do you have to wear your lap belt and shoulder harness?  
\_\_\_\_\_  
\_\_\_\_\_

15. What should you set your altimeter to if AWOS is not reporting the current barometric pressure? \_\_\_\_\_

16. What instruments are required for a daytime VFR flight (TOMATO FLAMES)?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

17. What are the V speeds for the Cessna 172, and what do they stand for?

V <sub>x</sub> : _____	Defined: _____
V <sub>y</sub> : _____	Defined: _____
V <sub>s</sub> : _____	Defined: _____
V <sub>so</sub> : _____	Defined: _____
V <sub>fe</sub> : _____	Defined: _____
V <sub>ne</sub> : _____	Defined: _____
V <sub>a</sub> : _____	Defined: _____

18. What is the average fuel burn rate in gallons per hour for the Cessna 172? \_\_\_\_\_

19. How much usable fuel does the Cessna 172 have? \_\_\_\_\_

20. What is minimum amount of oil (in quarts) for the Cessna 172? \_\_\_\_\_

21. What is the best glide speed for the Cessna 172? \_\_\_\_\_

22. What are the emergency procedures for an engine failure in flight?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

23. What is Gadsden's Common Traffic Advisory Frequency? \_\_\_\_\_

24. What is Gadsden's AWOS frequency? \_\_\_\_\_

25. What is Gadsden's Traffic Pattern Altitude? \_\_\_\_\_

26. What is Gadsden's airport elevation? \_\_\_\_\_

27. What are the four runways at Gadsden? \_\_\_\_\_

28. What is the direction of turns in the traffic pattern at Gadsden? \_\_\_\_\_

29. What are the two recommended ways to enter the traffic pattern at Gadsden?  
\_\_\_\_\_  
\_\_\_\_\_

30. Which calls are recommended that you make in the traffic pattern at Gadsden?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

31. How can you tell if a runway is closed? \_\_\_\_\_

32. What is the normal landing approach speed for the Cessna 172? \_\_\_\_\_

33. What color combination should you see on the PAPI lights when you are on glide slope? Slightly above glide slope? Slightly below glide slope?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

34. When should you do a go-around/rejected landing?  
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\_\_\_\_\_