

CSA 2016 ANNUAL QUIZ

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

Address: \_\_\_\_\_

Pilot Certificate Number: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-Mail: \_\_\_\_\_

1. List the following speeds for each ship you fly. Assume single person.

Solitaire   Grob103   SGS 232   LS-4.

Vs        \_\_\_\_\_        \_\_\_\_\_        \_\_\_\_\_        \_\_\_\_\_

L/D        \_\_\_\_\_        \_\_\_\_\_        \_\_\_\_\_        \_\_\_\_\_

Min Sink \_\_\_\_\_        \_\_\_\_\_        \_\_\_\_\_        \_\_\_\_\_

2. How much time is to be spent in doing additional duties for every flight that you make?

A member who is pulling his or her weight will do all of the following and more.  
(List 4 or 5 items)

3. A Squawk list is to be filled out for any problems with the glider or other equipment. Serious problems should be reported immediately to:

4. Who is responsible for the tow rope to be in good working order?

5. Who is responsible for reporting flight time for a glider?

6. If you experience a rope break at 300 feet, what is the maximum wind you will attempt to return to the field with a downwind landing?

Discuss your answer with the CFG.

7. What is the only document that you can use to confirm a ship is airworthy? Where is it kept at Owl Canyon?

8. What is the glide ratio for the LS-4 with a 10 knot tailwind? With a 10 knot head wind? (Use the standard safety factor of  $\frac{1}{2}$ ).

How many feet will you lose in 10 Nautical Miles in each case?

9. When flying cross-country in a CSA glider, who is responsible for preparing the glider trailer and who shall provide the vehicle to tow the trailer? Are there any exceptions to this club rule?

10. What are the pilot requirements for conducting a cross-country flight in a CSA glider?

11. What are the VFR visibility and cloud clearance requirements when you are over Owl Canyon at 800 feet AGL? 4000 FEET AGL?

12. While flying away from Owl Canyon on a cross country flight, you are trying to thermal but are not getting any lift. What should you be doing at 3000 feet. AGL? At 2000 feet AGL? At 1000 feet AGL?

3000'

2000'

1000'

13. You feel you might have to land out in a field while on a cross country. What are things you should look for in a possible landing site?

_____	_____
_____	_____
_____	_____
_____	_____

14. While on tow from runway 19L, you experience a rope break at 150 feet AGL. The wind is 190 at 10 kts. What are you going to do next and why? What would you do at 200 feet? At 200 feet with a wind of 190 at 20 knots?

15. What would be a situation that would make you release the tow rope

- \_ lose sight of the tow plane
- \_ slack line touches the glider
- \_ tow plane rocks its wings
- \_ Tow plane in obvious distress.

16. During tow, your canopy opens. Describe the correct procedure(s) for this situation.

17. Where can you find information on cleaning the CSA Sailplane Canopies? Explain the procedure to your instructor.

18. When is supplemental oxygen required? What physiologic conditions might necessitate going on oxygen at a lower altitude?

19. If you don't use oxygen properly you could get hypoxia. What are some of the symptoms of hypoxia?

20. When filling a glider with oxygen from the club tanks, True or false:

- a. You should always take the tanks out of the hanger and fill the glider bottle outside.
- b. You can start with any one of the three bottles.
- c. The best way to fill the bottle is to open the valve on the cart very slowly and stop opening the valve as soon as you notice a little flow.

21. To keep from getting dehydrated.

- a. wait until you are thirsty, then drink lots of water.
- b. Drink some water every now and then before you get thirsty.

c. Don't worry, dehydration is not a problem.

22. What are some of the symptoms of being dehydrated?

23. The best lift/drag ratio of a glider is a value that (True/False)

a. varies depending upon the weight being carried.

b. remains constant and is independent of the weight being carried.

c. varies depending upon airspeed changes.

24. What airports require you to make two way communication before entering their airspace:

a. Only airports in B or C airspace.

b. Any airport in E airspace.

c. Airports in D, C or B airspace.

25. How often do parachutes have to be inspected?

26. True or False: If a parachute is past its inspection date, can you still use it as a cushion in the seat of the glider?

#### STUDENT PILOTS

1. When you fly solo, what documents must you have with you while flying?

2. What documents must be in the glider?

3. Who is responsible for inspecting the tow rope?

4. How many days can you go before you need to fly with an instructor in order to fly solo?

5. Can you solo without an instructor on the airfield?

#### WINCH QUALIFIED PILOTS

1. Where is the limitation stated for maximum indicated airspeed during a ground-launch?

2. Who is authorized to stop a ground launch?

3. Who is authorized to restart a launch?

4. What is the correct weak-link for the Grob 103B?

5. How is the initial glider pitch set for the beginning of the takeoff?
6. What outside references do you use for pitch control during launch?
7. What are the currency requirements for conducting a ground launch as a Pilot in Command?

Club member Signature \_\_\_\_\_ Date \_\_\_\_\_

Instructor Signature \_\_\_\_\_