

CSA 2015 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. What is the only document that you can use to confirm a ship is airworthy? Where is it keep at Owl Canyon?

3. 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 $\frac{1}{2}$).

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

5. 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 exceptions to this club rule?

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

7. When you want to take 3W away from Owl Canyon to fly at another location, what are your responsibilities for scheduling, keeping track of the flying time and returning the aircraft?

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

9. What are the insurance deductibles and who is responsible for paying this fee?

10. 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?

11. 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?

_____	_____
_____	_____
_____	_____

12. 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?

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

14. When must seatbelts be fastened? When must shoulder harnesses be fastened?

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

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

17. 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.

18. The best lift/drag ratio of a glider is a value that
- varies depending upon the weight being carried.
 - remains constant and is independent of the weight being carried.
 - varies depending upon airspeed changes.
19. What airports require you to make two way communication before entering their airspace:
- Only airports in B or C airspace.
 - Any airport in E airspace.
 - Airports in D, C or B airspace.
20. How often do parachutes have to be inspected?
21. 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

- When you fly solo, what documents must you have with you while flying?
- What documents must be in the glider?
- Who is responsible for inspecting the tow rope?
- How many days can you go before you need to fly with an instructor in order to fly solo?
- Can you solo without an instructor on the airfield?

WINCH QUALIFIED PILOTS

- Where is the limitation stated for maximum indicated airspeed during a ground-launch?
- Who is authorized to stop a ground launch?
- Who is authorized to restart a launch?
- What is the correct weak-link for the Grob 103B?
- How is the initial glider pitch set for the beginning of the takeoff?
- What outside references do you use for pitch control during launch?
- What are the currency requirements for conducting a ground launch as a Pilot in Command?