



# EAGLE SPORT AVIATION CLUB

Fall 2011 Safety Meeting

October 12, 2011

Safety Test Question Book

## GENERAL CLUB OPERATIONS

1. The Club by-laws and operational procedures can be found at
  - a. In your mail box
  - b. On the Club website, [www.eaglesport.org](http://www.eaglesport.org), under members, documents
  - c. On the Club website, [www.eaglesport.org](http://www.eaglesport.org), under news
  
2. Club officers may be contacted
  - a. Monthly
  - b. Never
  - c. Anytime
  
3. The members of the Club are equal owners of every Club asset including aircraft and should treat each as their own.
  - a. True
  - b. False
  
4. If a club member is in willful violation of Club rule and policy he/she
  - a. Can be held responsible for \$1,000 in damages to assets
  - b. Can be held responsible for \$10,000 in damages to assets
  - c. Can be held responsible for \$1,000,000 in damages to assets
  
5. Member flight in the back seat of the Pitts is
  - a. On an instructor by instructor basis
  - b. The same for all instructors
  - c. Approved regardless of instructor or student experience
  
6. As an active flyer in the club, I contribute to ground duties at Pierson, maintaining the Cub and Pitts, and attending monthly meetings. I am an active member of the Eagle Sport Aviation Club.
  - a. True
  - b. False
  
7. Most of the club equipment requires a checkout, written test, and endorsement. The checkout will take "as long as it takes" until I am proficient.
  - a. True
  - b. False
  
8. Safety is the ultimate goal of the Club and I will always fly in safe manner in Club aircraft.
  - a. True
  - b. False

9. Because I'm always flying with an instructor in the Pitts, I don't need to do a thorough preflight, check the oil, fuel, or report anything that seems unsafe.
- a. True
  - b. False

## GLIDER

10. To operate a Club glider as PIC (including solo), you must be a current member of the SSA.
- a. True
  - b. False
11. One club requirement to fly cross-country in a glider is
- a. Have completed a Bronze badge with an SSA instructor
  - b. Have been issued a Bronze badge by the SSA
  - c. Have been approved by the insurance in make and model
  - d. All of the above
12. All gliders at Pierson have the same tow rope requirements
- a. True
  - b. False
13. When retrieving a glider that has landed on the runway
- a. You may proceed down the middle of the runway if it is not busy
  - b. You should proceed down the south side of the runway
  - c. You should proceed down the north side making sure to leave the runway clear
14. You plan on making a 1,000 pattern tow. At 900 feet you note another glider at 1,000 feet. You should:
- a. Stay on tow a little longer to avoid a landing conflict
  - b. Get off immediately and beat the other glider to the ground
  - c. Get off at 1,000 feet
15. If it is windy enough to rock the wings of a parked glider:
- a. The dive brake should be opened
  - b. At least one wing should be tied down
  - c. Turn the glider to face the tail into the wind
  - d. Both a and c

16. The canopy should be closed on the ground anytime
- The sailplane is left on its own
  - While I'm not talking to anyone around me
  - When I remember to
17. Which of the following is true about gliders parked on the west side of the runway
- It is okay to have a single line of gliders from the south to the north
  - Gliders should be positioned to the south with a gap at the end of the runway that is at least the width of a glider
  - Can be anywhere as long as you intend to launch within 2 minutes
18. A tow pilot will only start the takeoff run if
- The wings are level
  - The rudder is constantly "wagging"
  - The wing runner is making a circular motion with their arm
  - All of the above
19. What are the requirements on tow rope breaking strength?
- Not less than 80% of the maximum certificated gross weight of the glider, and not more than 200% of this weight.
  - Not less than 80% of the actual flying weight of the glider and not less than 200% of this weight.
  - Not less than 100% of the actual weight of the glider, nor more than 200%
20. Which of the following gliders does not penetrate into the wind as well as the others
- 1-26
  - 2-33
  - Std. Cirrus
  - ASK-21

## CUB

21. It is legal to spin the cub without parachutes
- With an instructor onboard only if instruction is being given for a rating
  - With an instructor on board
  - With two commercial pilots
  - Never without parachutes
22. Concerning hand propping the Cub
- It is ok to prop it by yourself if you tie the tail down
  - You must have a qualified pilot in the cockpit and on the propeller
  - Can be done solo from behind the prop

23. Who must be notified if the Cub is down for maintenance/questions
- President
  - Cub VP
  - Cloud Dancer Aviation
24. Cub PICs are responsible for
- Paying and fueling at the end of each flight
  - Cleaning the airplane
  - Reporting all maintenance issues to the appropriate person
  - All of the above
25. Is there a limitation on the amount of time full power can be applied?
- Yes, five minutes
  - Yes, three minutes
  - No
  - Yes, 15 minutes
26. What is the minimum safe altitude for Cub operations?
- All minimum safe altitudes are prescribed in FAR 91.119
  - 3000' unless otherwise stated in FAR 91.119
  - 500' unless otherwise stated in FAR 91.119
  - 1000' unless otherwise stated in FAR 91.11927.
27. Which of the following is not true?
- The cub must land by dark
  - The cub must land 30 minutes prior to sunset
  - Must not be taxied after sunset
28. The appropriate action to fix a problem may include
- Contacting the Cub VP
  - Fixing minor problems like loose screws yourself
  - Fixing major problems like replacing a magneto yourself
  - a and b
29. While pre-fighting, you notice several screws missing and loose from the side window
- It is okay to fly it like it is, it is normal in an old airplane
  - Tighten the loose screws and after the flight, tell the Cub VP
  - The missing screws must be replaced and the loose screws must be tightened before flight
  - None of the above
30. Cleaning the Cub is required after each flight
- True
  - False

31. To act as a PIC carrying passengers in a tailwheel airplane I must
- a. Have accomplished 3 landings in the preceding 90 days
  - b. Have accomplished 3 takeoffs and touch-n-goes in the preceding 90 days
  - c. Have accomplished 3 takeoffs and landings to a full stop in the preceding 90 days
32. The Cub burns how many gallons per hour and has how large of a fuel tank?
- a. 4gph, 15 gal
  - b. 5gph, 10 gal
  - c. 5gph, 12 gal
33. What are the Min/Max limits for engine oil quantity (qts)?
- a. 3/3.5
  - b. 3/6
  - c. 5/8
  - d. 2/4
34. Flying the Cub is freaking awesome!
- a. True

## PAWNEE

35. The tow plane must be refueled when
- a. 1.5 tach hours have elapsed
  - b. Indicating less than 10 gallons
  - c. There is a question about the fuel status
  - d. All of the above
36. The highest risk of running out of fuel occurs when
- a. The towplane is not refueled at the end of the day
  - b. Tow pilots change
  - c. The preferred runway changes because of wind
37. The tow pilot has the final decision on all tow operations.
- a. True
  - b. False
38. Preferred towing methods for glider solos include
- a. Towing downwind
  - b. Tow upwind, circling continuously
  - c. Tow upwind, with left and right zig zags to allow a constant view of the field
  - d. Not towing at all

39. Descents in the Pawnee should be made at
- a. 2000-2400RPM
  - b. 2100-2300RPM
  - c. 2500-2600RPM
  - d. All of the above

## COLLEGIATE

40. From a safety standpoint the most important pilot attribute is:
- a. Superior stick and rudder skills
  - b. Good decision making skills
  - c. Good eyesight
  - d. Being older than 25 year old
41. When people break rules and try to hide it
- a. They are usually successful
  - b. They are always successful
  - c. They find that by being honest it usually results in less punishment than if they were to hide it
42. There are rules (like FARs) that you can break at 18 years of age that will forever ruin your chances of getting certain jobs.
- a. True
  - b. False
43. Many times when rules are broken, it is done impulsively without thinking of the ramifications.
- a. True
  - b. False
44. "Everyone else does it" is an effective justification for breaking a rule.
- a. True
  - b. False
45. When you are flying a single seat 1-26 your actions only affect you.
- a. True
  - b. False
46. If I do not understand how to report a safety issue I should contact the ESA Head of Safety
- a. True
  - b. False