

Sky Soaring Pre-Solo Quiz

Student Name _____ Instructor Name _____ Date _____ Score _____ %

Student Signature _____ Instructor Signature _____

Instructions: Please answer the following questions to the best of your ability. Your instructor will go over the test when you are finished. The test score will be corrected to 100% if needed, by your instructor. All references are based on 2002 Regulations or Sky Soaring Policy and Procedure. Good Luck and Fly Safe!

- 1) The minimum age to solo a glider is ____? 61.83
- 2) Are you able to read, speak, write, and understand English? _____ 61.83
- 3) You are able to solo a glider without a medical certificate, but not without a _____ certificate on your person. 61.81 & 61.83
- 4) (True or False) You may fly any make or model of glider after initial solo without further endorsements?
_____ 61.89
- 5) (True or False) A student pilot may act as pilot in command of a glider that is carrying a passenger for compensation, pleasure, or furtherance of a business? _____ 61.89
- 6) A student pilot may not act as pilot in command when the flight or surface visibility is less than __ statute miles during the day. 61.89
- 7) May you act as pilot in command of a glider when the flight cannot be made with visual reference to the surface? (example: above the clouds) _____ 61.89
- 8) (True or False) When acting as pilot in command of a glider during solo you must not operate contrary to any limitations placed in your logbook by an authorized instructor? _____ 61.89
- 9) How long is your solo endorsement good for unless your instructor specifies a shorter time period? ____
61.87(n)(v)
- 10) Who is directly responsible for, and is the final authority as to the operation of the aircraft? _____ 91.3
- 11) Who is responsible for determining that the aircraft is in condition for safe flight? _____ 91.5
- 12) What type of documentation must you have aboard your glider? (A R O W) _____,
_____, _____, _____ 91.9
- 13) What is the definition of careless or reckless operation? 91.13

- 14) What are the regulations regarding alcohol and drugs? 91.17

- 15) Concerning preflight action, do you need to know the runway lengths and takeoff/landing distances for any flight? _____ 91.103
- 16) Does a rotorcraft or an airplane have right of way over a glider? _____ 91.113
- 17) Who does have the right of way over a glider? _____ 91.113

Sky Soaring Pre-Solo Quiz

- 18) What airspace is Sky Soaring (55LL) in? _____ Chicago Sectional
- 19) Where does class E start (directly above Sky Soaring (55LL))? _____AGL Chicago Sectional
- 20) What are the cloud clearances for VFR flight in class G and E airspace during the day? 91.155

- 21) May you fly in class B airspace in your glider? _____ 91.131
- 22) Sky Soaring uses a left hand traffic pattern for runway ___ and a right hand traffic pattern for runway ___ in regards to glider operations. Policy and Procedure
- 23) What is the minimum AGL altitude during a rope break to return to Sky Soaring? _____ Policy and Procedure
- 24) What are the five indications of a stall? _____

- 25) Can you stall at any altitude, airspeed, or attitude? _____
- 26) In a turn, (coordinated and level) does stall speed increase, or decrease? _____
- 27) What is a spin? _____

- 28) How do you recover from a spin? _____

- 29) What is the gross weight, useful load, and minimum solo weight for your glider?
_____, _____, _____ AFM
- 30) What are the load limits (G loading) for your glider? _____ AFM
- 31) What are the following speeds for your glider? (solo) AFM/Policy and Procedure
Vne _____ Va _____ Max Crosswind _____
Vs _____ Best L/D _____
Vso _____ Min Sink _____
Vt _____ Pattern Speed _____
- 32) During launch, when should the tail be raised? _____
- 33) On normal landing, should the tailwheel touch down at the same time as the main gear? _____
- 34) If the dive brakes are extended and the pitch attitude remains constant what will happen to the airspeed?

What action(s) can be taken to avoid this? _____
- 35) When almost to a complete stop after landing, should the control stick be “full forward” or “full aft”?

- 36) Give your immediate actions for a rope/cable break. _____

- 37) In an emergency what is the first thing you do? _____