

TUCSON SOARING CLUB, Inc.

STUDENT PRESOLO QUESTIONNAIRE

**Standard Cirrus**

Student's Name \_\_\_\_\_  
 Instructor's Name \_\_\_\_\_  
 Score \_\_\_\_\_  
 Date \_\_\_\_\_

NOTE: This is an open book questionnaire. Answers to these questions may be found in the Standard Cirrus Flight and Service Manual, which may be found in the clubhouse.

After completing this questionnaire, give it to a TuSC flight instructor for correction and review. A Private Pilot, Glider Certificate and a cockpit check with logbook endorsement by a TuSC instructor also are required prior to flight.

<u>Questions</u>	<u>Page Ref</u>
1. What is the maximum gross weight? _____ lb	1
2. What is the maximum cockpit load (pilot + parachute)? _____ lb	3A
3. How much should landing speed be increased in rain? _____ kt	10
4. What is the minimum pilot weight with parachute? _____lb	3A, 15
5. Are rudder pedals adjustable? _____	3A
6. What is the approximate takeoff speed? ____ kt	4
7. What is the recommended approach speed? ____ kt	9
8. What is the never exceed speed ( $V_{NE}$ )? _____ kt	3A
9. Where is the wheel brake handle? _____	9

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10. What is the maximum aerotow speed? \_\_\_ kt 3A
12. Approximately what indicated airspeed gives the least sink rate (1.87 fps)? \_\_\_ kt 8
13. How much altitude is lost in a spin?  
Approx \_\_\_\_\_ feet per turn 12
14. What is the spin recovery procedure? 10
- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
15. What is the never exceed speed - airbrakes extended? \_\_\_ kt 3A
16. What is the stalling speed? \_\_\_ kt 8
17. Approximately what indicated airspeed gives the best lift to drag ratio (1:38)? \_\_\_ kt 8
18. What is the landing wheel tire pressure? \_\_\_ psi 3A
19. What is the maximum strength of the tow cable (or weak link)? \_\_\_\_\_ pounds 3 and 3A
20. Is a parachute required for flight? \_\_\_ 13