

N211MS, ASK-21B Familiarization Worksheet

Pilot's Name:.....

Date:

Instructor:.....

1. Wing Span: (hint, it is wider than the L23)

2. The bottom of the ASI Green Arc iskn

3. Where is the Yellow Triangle on the ASI and which speed is this and at what weight?
.....knlbs

4. The ASI Normal Operating range is:.....kn

5. Do not make full or abrupt control inputs above this speed, **V_A** Maneuvering Speed
.....kn

6. Max Aero tow Speed:.....kn

7. Do not exceed this speed except in smooth air, **V_{RA}** Rough Air Speed:.....kn

8. Never Exceed Speed in calm air, do not exceed this speed in any operation, Red line:
.....kn

9. Recommended Aero tow Speedkn

10. Cautionary Speed Range, maneuvers must be conducted with caution, only in
smooth air:.....kn

11. L/D Max, at max. weight is:atkn

12. Minimum Sink Speed at max. weight is:.....atkn

13. Stall Speed (approximately):.....kn

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- 14. Maximum Demonstrated Crosswind Component (takeoff and landing):
.....kn
- 15. Empty Weight of N211MS:lbs
- 16. Max. Take-Off Weight:lbs
- 17. Maximum Useful Load:lbs
- 18. Max. front seat's load:lbs
- 19. Max. rear seat's load:lbs
- 20. Maximum Baggage Compartment Load, each and total:lbs
- 21. If flown solo, the pilot must sit in theseat and have a minimum weight oflbs(including ballast, parachute).
- 22. If flying solo, what must be done to the rear safety harness?.....
.....
- 23. Where are the locations for the cockpit ballast weights?
- 24. The spin ballast weights can be mounted to:.....
- 25. If the spin ballast weight is installed, the cockpit indication is:
.....
.....
.....
- 26. What is the maximum applicable towline strength without weak link?lbs
- 27. Describe stall recovery

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28. List the steps of spin recovery:

1.
2.
3.
4.
5.

29. Where should the trim tab be set for takeoff?

30. The wheel brake is operated by

31. How do you make sure that the airspeed is constant in a slip?
.....

32. What procedures must be done before stalling or spinning?
.....

33. Airbrakes should be used for (four things):

- a.
- b.
- c.
- d.

34. Is touching down with airbrakes fully open permitted? Why?:
.....
.....
.....

35. Touchdown with the first.

36. The pitot tube is located at:.....

37. The static pressure ports are located at:.....

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38. The TE probe is located at:

.....

39. Approximate Stall speed, single seated, airbrakes closed:kn

40. Approximate Stall speed, single seated, airbrakes extended:.....kn

41. Approximate Stall speed, two seated, airbrakes closed:kn

42. Approximate Stall speed, two seated, airbrakes closed:kn

43. Approximate Stall speed, two seated, airbrakes closed, 30 degree bank:.....kn

44. Approximate Stall speed, two seated, airbrakes closed, 45 degree bank:kn

45. Approximate Stall speed, two seated, airbrakes closed, 60 degree bank:.....kn

46. What is the approximate turn radius at max. weight, with a 45 degree bank angle:

.....feet

47. Where can you find the glider's rigging / derigging procedure in the Flight Manual?

.....pages