

Name: \_\_\_\_\_  
Date: \_\_\_\_\_

**2011 LSC PW-5 Written Test**

1) Speed and Weight Review and 2-33 comparison:	<u>PW-5</u>	<u>2-33 (solo/dual)</u>
Stall Speed (dive brakes closed)	_____	<u>31/34 mph</u>
Min Sink Speed	_____	<u>38/42 mph</u>
Best L/D Speed (Best L/D is _____ )	_____	<u>45/50 mph</u>
Approach Speed	_____	<u>50 mph</u>
Maneuvering Speed	_____	<u>65 mph</u>
Recommended Tow Speed	_____	
Max Aero Tow Speed	_____	<u>98 mph</u>
Never Exceed Speed	_____	<u>98 mph</u>
Max Spoilers Open Speed	_____	<u>98 mph</u>
Max Spoilers Retraction Speed	_____	<u>98 mph</u>
Max Gross Weight	_____	<u>1040lbs</u>
Max Cockpit Load (Pilot+Parachute+Luggage)	_____	
Minimum Pilot Weight (with parachute)		
- Back rest in the front limit position	_____	
- Back rest not in the front limit position	_____	

2) What is the demonstrated maximum crosswind component? \_\_\_\_\_

3) Why is it not recommended to fly in the low tow position? \_\_\_\_\_

4) Where is the wheel brake handle? \_\_\_\_\_

5) What is the maximum authorized altitude? \_\_\_\_\_

6) The PW-5 will spin more readily than a 2-33. What is the spin recovery procedure?  
a) \_\_\_\_\_  
b) \_\_\_\_\_  
c) \_\_\_\_\_  
d) \_\_\_\_\_

7) Which hook is used for aerotows? \_\_\_\_\_

8) What should the trim be set for takeoff: light pilot: \_\_\_\_\_  
heavy pilot: \_\_\_\_\_

10) Which wheels will be touching the ground during:  
Seated in the cockpit before launch      Nose / Main / Tail  
During initial ground roll                      Nose / Main / Tail  
After initial ground roll                         Nose / Main / Tail  
Touchdown upon landing                         Nose / Main / Tail  
Later ground roll                                    Nose / Main / Tail

11) What is the color and location of each of these handles:  
Cable Release      Color: \_\_\_\_\_      Location: \_\_\_\_\_  
Pedal Adjust        Color: \_\_\_\_\_      Location: \_\_\_\_\_  
Canopy Jettison    Color: \_\_\_\_\_      Location: \_\_\_\_\_  
Airbrake            Color: \_\_\_\_\_      Location: \_\_\_\_\_  
Ventilation         Color: \_\_\_\_\_      Location: \_\_\_\_\_