



# Sun Valley Fliers

## Maneuvers and Procedures



### SPORT PILOT EXAM

All Proficiency exams are to be completed with out the use of a buddy box or other training aid

The aim of this test is to ensure that upon successful completion the pilot can successfully demonstrate during the examination, his/her ability to:

Procedures	Grading	
	Pass	Fail
<b>Safely start aircraft</b> , bring aircraft out of pilot box and safely take off in a smooth controlled manner in alignment with the runway <i>(Make proper call outs)</i>		
<b>Execute tight 180° left and right constant altitude turns over the runway:</b> Maintain awareness of other aircraft in flight. Exercise collision avoidance skills		
<b>Execute a four point roll:</b> Rolls should be level and at a constant altitude. Avoid over rotating. Maneuver should be completed downwind.		
<b>Execute a three (3) turn spin:</b> Ensure aircraft is fully stalled upon spin entry. Maintain spin (avoid spiral entry) and recover after third full rotation. Maneuver should begin upwind.		
<b>Execute a double Immelman:</b> First portion is a complete ½ loop and then a ½ roll. Do not start roll before being wings level inverted. Second portion is a ½ outside loop followed by a ½ roll at the bottom. Exit at the same altitude as the entrance. Demonstrate proper throttle control. Maneuver should begin upwind.		
<b>Execute a Cuban eight:</b> The looping parts should be the same altitude and the same radius. ½ rolls on 45° downlines should be at the same place. Exit at the same altitude as the entrance. Demonstrate proper throttle control. Maneuver should begin upwind.		
<b>Execute a horizontal eight:</b> The looping parts should be the same altitude and the same radius. Exit at the same altitude as the entrance. Demonstrate proper throttle control. Maneuver should begin upwind.		
<b>Demonstrate Level (constant altitude) inverted flight while circling the field:</b> Maintain altitude and positive aircraft orientation at all times. Circle the field in both directions.		
<b>Execute a stabilized landing approach:</b> <i>(Make proper call outs)</i>		
<b>Safely taxi back to the flight line.</b> <i>(Make proper call outs)</i>		
<b>POST FLIGHT</b> <b>Remove model and equipment from flight station</b> , complete post flight inspection. Answer any questions the instructor may have regarding the flight.		

Candidate: \_\_\_\_\_  
(Please Print)

Examiner: \_\_\_\_\_  
(Signature)

Date of Exam: \_\_\_\_\_  
(Please Print)

Approval: \_\_\_\_\_  
(Signature of Instructor)