



Blue Max R/C Flying Club



Maneuvers and Procedures SPORT PILOT EXAM

ALL PROFICIENCY EXAMS ARE TO BE COMPLETED WITHOUT THE USE OF A BUDDY BOX OR OTHER TRAINING AID.

The Candidate for the **Sport Pilot Rating** must successfully demonstrate on two (2) successive attempts, during the examination period, his/her ability to:

Procedures	Grading	
	Pass	Fail
Safely start aircraft, bring aircraft to sideline for taxi-out: Observe proper safety techniques.		
Safely taxi aircraft from sideline to take-off position: Make proper call outs ("Taxiing for Take-Off")		
Take off: Make proper call outs ("Take-Off"). Maintain positive aircraft control throughout take-off roll and climb-out.		
Execute tight 180° left and right constant altitude turns over the runway: Maintain awareness of other aircraft in flight, exercise collision avoidance skills.		
Execute a Four-Point Roll: Roll should be level and at a constant altitude, avoid over-rotating. Maneuver should be completed downwind.		
Execute a Three (3) Turn Spin: Ensure aircraft is fully stalled upon spin entry, maintain spin (avoid spiral entry) and recover after third full rotation. Maneuver should begin upwind.		
Execute a Double Immelman: 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 same altitude as entrance. Demonstrate proper throttle control. Maneuver should begin upwind.		
Execute a Cuban Eight: The looping parts should be the same altitude, same radius. ½ Rolls on 45° downlines should be at same place. Exit at same altitude as entrance. Demonstrate proper throttle control. Maneuver should begin upwind.		
Execute a Horizontal Eight: The looping parts should be the same altitude, same radius. Exit at same altitude as entrance. Demonstrate proper throttle control. Maneuver should begin upwind.		
Demonstrate Level (constant altitude) Inverted Flight while circling the field: Maintain altitude and positive aircraft orientation at all times. Circle field in both directions.		
Execute a rectangular (4-90° turns) left or right landing pattern: Direction determined by the wind. Adjust properly for wind drift.		
Execute a stabilized landing approach: Make proper call-outs ("Landing"). Ensure field is clear for a safe landing.		
Land safely under power within the confines of runway: Maintain positive aircraft control throughout landing roll.		
Complete above procedures on <u>first try</u> of the first attempt.		
Repeat <u>all</u> of the above procedures on the second attempt.		
Safely taxi aircraft to sideline and properly shut down engine.		
Candidate demonstrated overall safe and efficient operation of the aircraft and support equipment at all times.		

Candidate: _____ (Please Print)

Examiner: _____ (Signature)

Date of Exam: _____ (Please Print)

Approval: _____
(Signature of Flying Proficiency Chairman)