



# Blue Max R/C Flying Club



## Maneuvers and Procedures

# ADVANCED PILOT EXAM

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

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

Procedures	Grading			
	Pass		Fail	
<b>Safely start aircraft, bring aircraft to sideline for taxi-out:</b> Observe proper safety techniques.				
<b>Safely taxi aircraft from sideline to take-off position:</b> Make proper call outs ("Taxiing for Take-Off")				
<b>Take off:</b> Make proper call outs ("Take-Off"). Maintain positive aircraft control throughout take-off roll and climb-out.				
<b>Fly straight and level and maintain constant altitude:</b> Maintain awareness of other aircraft in flight, exercise collision avoidance skills.				
<b>Execute two (2) consecutive Horizontal Rolls:</b> Rolls should be level and at a constant altitude, avoid over-rotating. Maneuver should be completed downwind.				
<b>Execute an Outside Loop:</b> The loop should begin and end at same altitude. Proper throttle control should be demonstrated. Maneuver should be started upwind.				
<b>Execute a Split-S (Reversal):</b> Should be a complete 1/2 roll followed by a 1/2 loop, should NOT start decent (loop portion) before wings level inverted. Proper throttle control should be demonstrated. Maneuver should be started downwind.				
<b>Execute a rectangular (4-90° turns) left or right pattern:</b> Direction determined by the wind. Adjust properly for wind drift.				
<b>Execute a Touch &amp; Go:</b> Establish stabilized landing approach, make proper call-outs ("Touch & Go"). Ensure field is clear for a safe landing.				
<b>Demonstrate Straight and Level Inverted Flight:</b> Including two (2) 180° turns in opposite directions. Maintain altitude and positive aircraft orientation.				
<b>Execute a rectangular (4-90° turns) left or right landing pattern:</b> Direction determined by the wind. Adjust properly for wind drift.				
<b>Execute a stabilized landing approach:</b> Make proper call-outs ("Landing"). Ensure field is clear for a safe landing.				
<b>Land safely under power within the confines of runway:</b> Maintain positive aircraft control throughout landing roll.				
<b>Complete above procedures on first try of the first attempt.</b>				
<b>Repeat all of the above procedures on the second attempt.</b>				
<b>Safely taxi aircraft to sideline and properly shut down engine.</b>				
<b>Candidate demonstrated overall safe and efficient operation of the aircraft and support equipment at all times.</b>				

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

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

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

Approval: \_\_\_\_\_  
(Signature of Flying Proficiency Chairman)