



The Model Aerobatic Association
of South Africa

MAASA ADVANCED SCHEDULE (from January 2012)


General notes pertaining to Advanced class: Schedule 8 minutes including three minutes to take-off.

A-01 Square loop with half rolls in the vertical legs: Past centre line pull vertical up line, perform a ½ roll, push horizontal, push to a vertical down line and perform a ½ roll, recover upright.

A-02 Half reverse cuban eight: Pull into a 45° up line, perform a ½ roll then pull through a 5/8 loop to recover upright.

A-03 Three horizontal rolls: On a horizontal line, perform three full rolls on the centre line.

Judging notes:

 No hesitation between rolls.

A-04 Half square loop with half roll up: Pull to a vertical upline, perform a ½ roll, and push to exit upright.

A-05 One outside loop from top: Push on centre to complete one outside loop.

A-06 Split S with 2/4pt roll at top: Perform a 2/4pt roll followed immediately by a half inside loop to finish upright.

A-07 Two half rolls reversed (half roll, half roll, pause, half roll reversed, half roll reversed): From upright, perform ½ roll, pause, half roll, pause, opposite direction from first roll ½ roll, opposite direction from first roll ½ roll.

A-08 Humpty bump, (pull, push, pull) half roll up: Pull into a vertical up line, perform a ½ roll, push through a half loop to a vertical down line, then pull to recover upright.

A-09 Triangular loop, full roll on top: Pull to 45° upline, pull through 135°, perform full roll, pull through 135° to a 45 degree downline, pull through 135° to exit upright.


A-10 Stall turn half rolls up and down: Pull to a vertical up line and perform a 1/2 roll, followed by a stall turn. On the down line perform a 1/2 roll then pull to recover upright.


A-11 Top hat half rolls up and down: From upright, pull to a vertical upline and perform ½ roll, pull to horizontal inverted, pull to a vertical downline and perform ½ roll, pull to exit upright.

A-12 Half inside loop, inverted exit: Pull and complete a half inside loop from the bottom to recover inverted.

A-13 2 1/2 turn inverted spin: Perform 2 ½ inverted (negative) spins, pull to upright exit.

Judging notes:

 Snap entry, zero points.


 Forced entry, downgrade.

A-14 Half cuban eight: Pull into 5/8 of an inside loop to 45° down line, perform a ½ roll to upright, pull to recover in level flight.

A-15 Double Immelmann with half rolls: From upright, pull to complete a half inside loop, followed immediately by ½ roll. Push through a half outside loop, followed immediately by ½ roll, to exit upright.

Judging notes:

 The ½ rolls must follow immediately after the part-loops.

 The length of the upper horizontal line (including part-roll) is equal to the diameter of the half loops.

A-16 Reverse shark's tooth, one full snap roll on 45 upline, half roll on downline: Pull to 45° upline, perform full snap roll, push to a vertical downline and perform ½ roll. Pull through 90° to exit upright.

A-17 Stall turn 1/4 rolls up and down: Pull to a vertical up line on the centre line and perform a 1/4 roll, followed by a stall turn. On the down line perform a 1/4 roll then pull to recover upright.