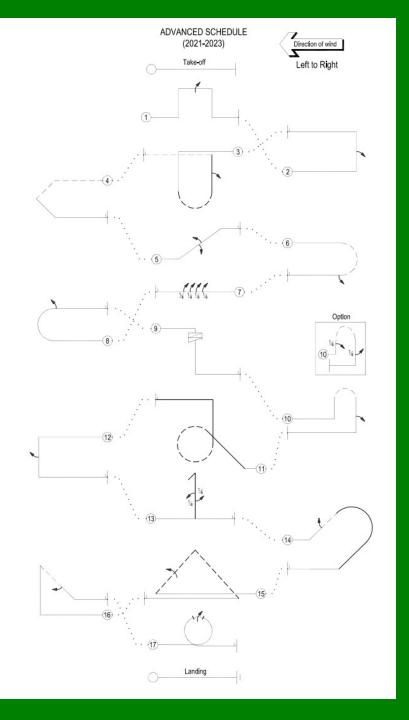
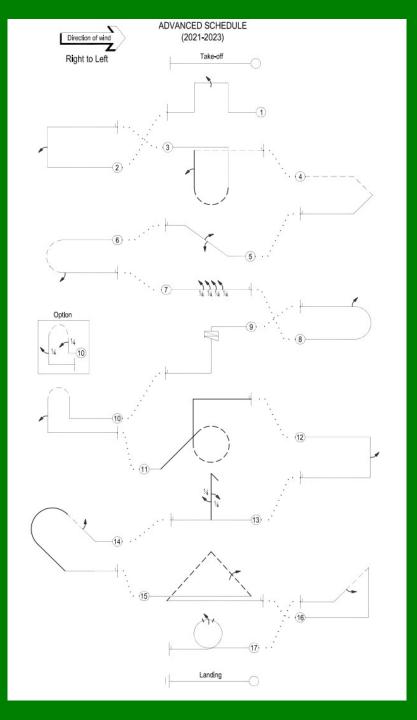
Flying and Judging F3A



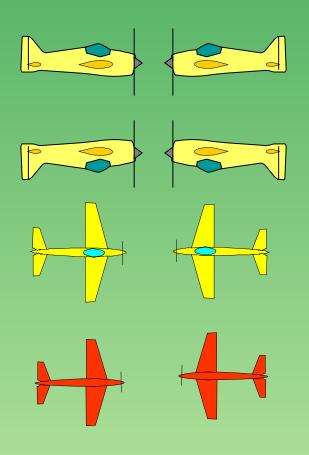
SCHEMATIC MANOEUVRE ILLUSTRATIONS
SCHEDULE - ADVANCED







Explanations:



Aircraft upright

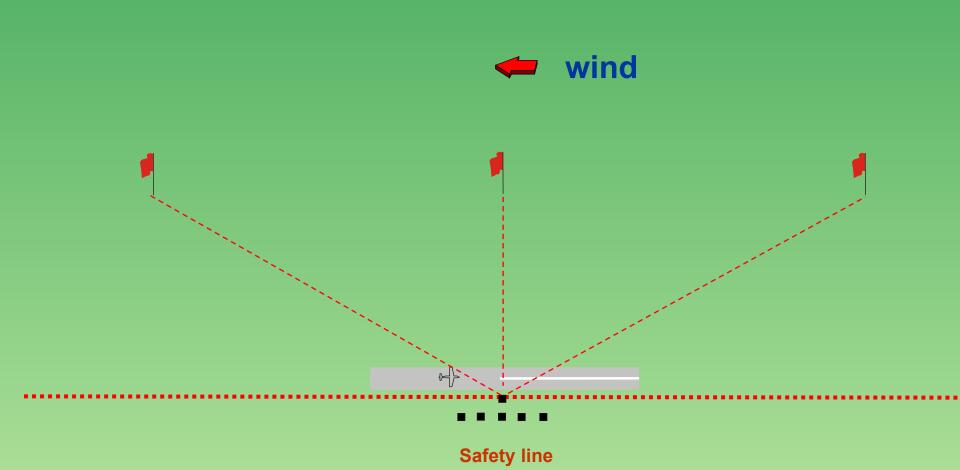
Aircraft inverted

Aircraft in Knife-Edge View from Top

Aircraft in Knife-Edge View from Below

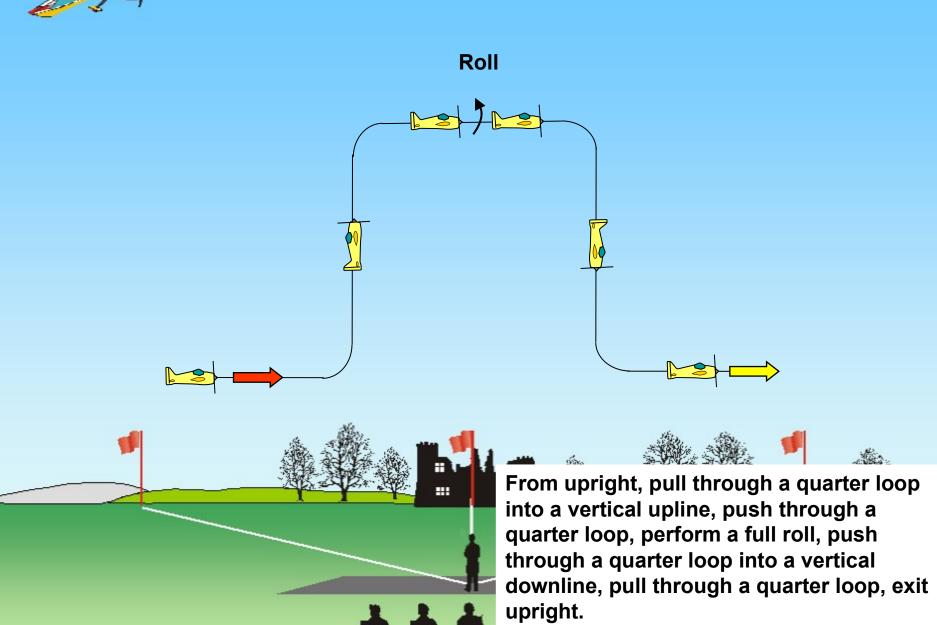


Take-off procedure (not judged, not scored)



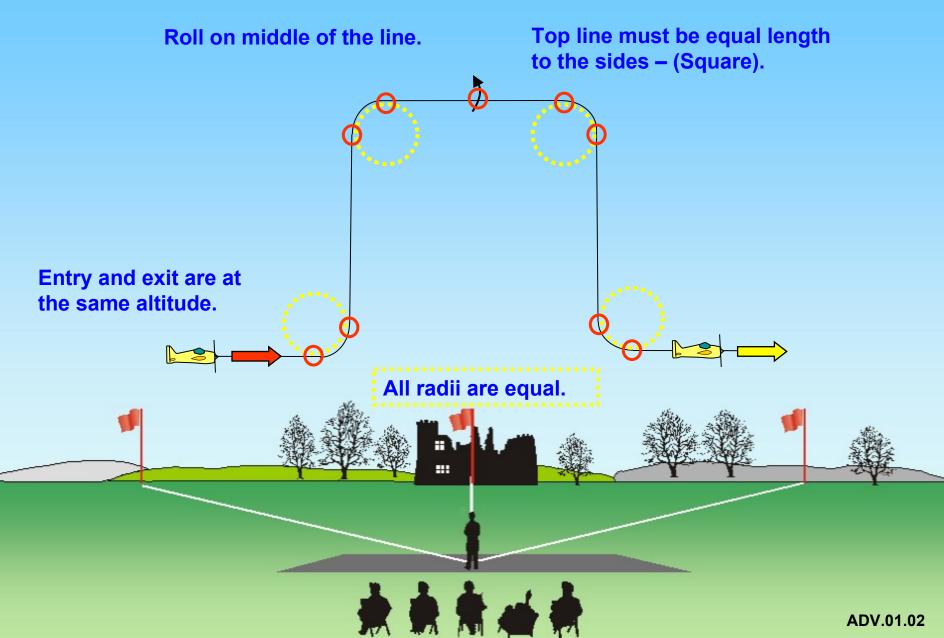


ADV.01 Top Hat with full roll on top



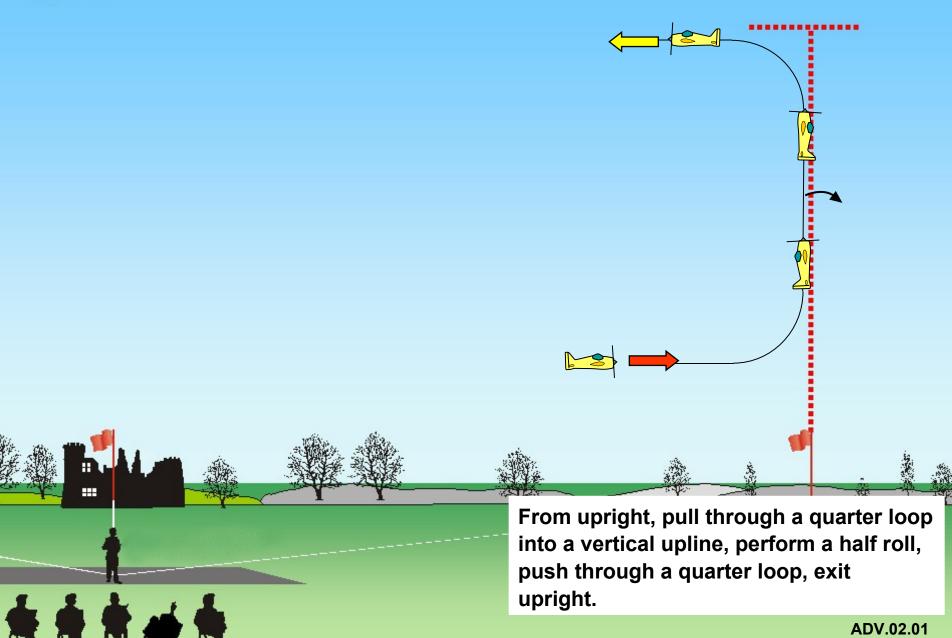


ADV.01 Top Hat with full roll on top



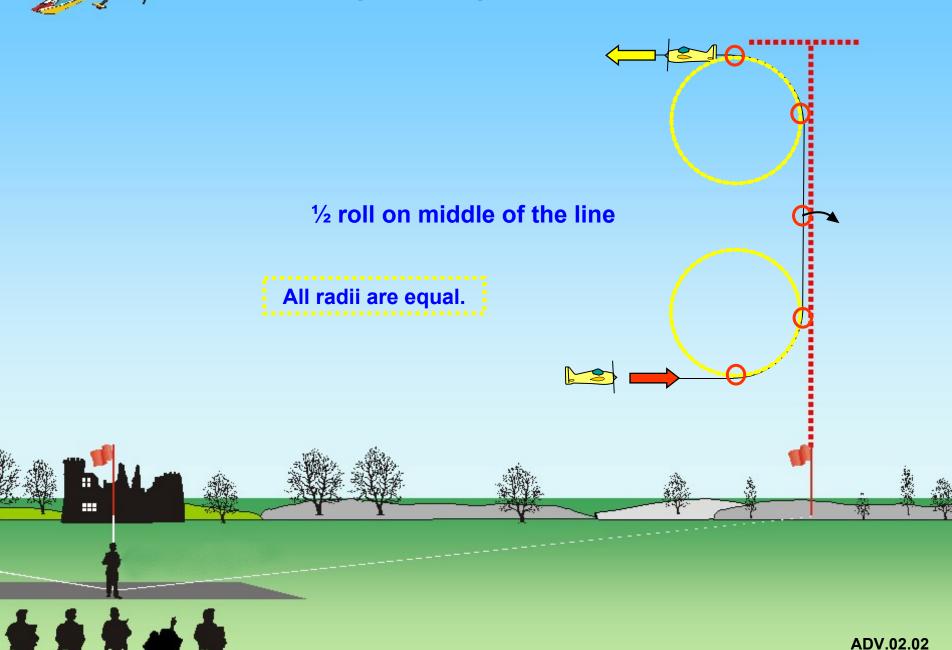


ADV.02 Half Square Loop with half roll



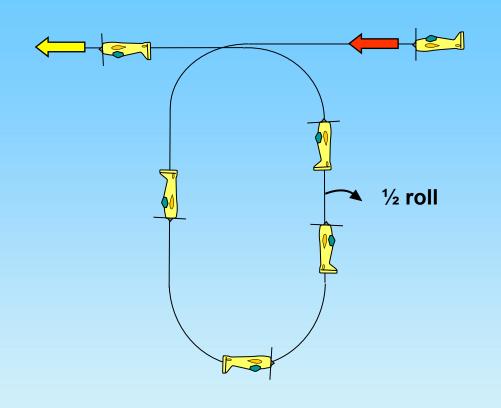


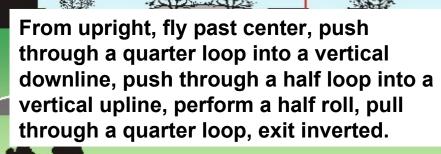
ADV.02 Half Square Loop with half roll





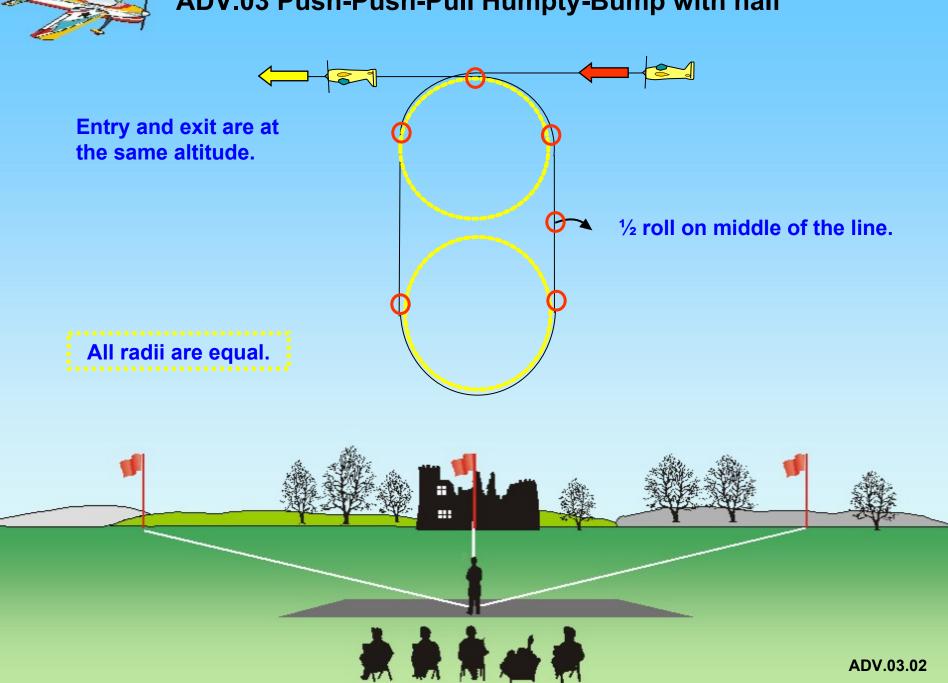
ADV.03 Push-Push-Pull Humpty-Bump with half roll





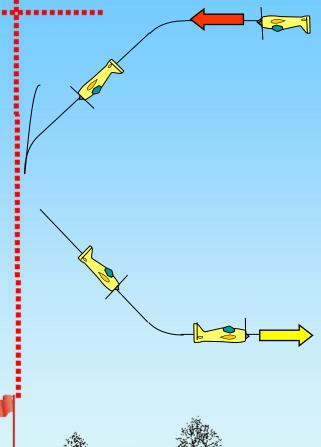


ADV.03 Push-Push-Pull Humpty-Bump with half



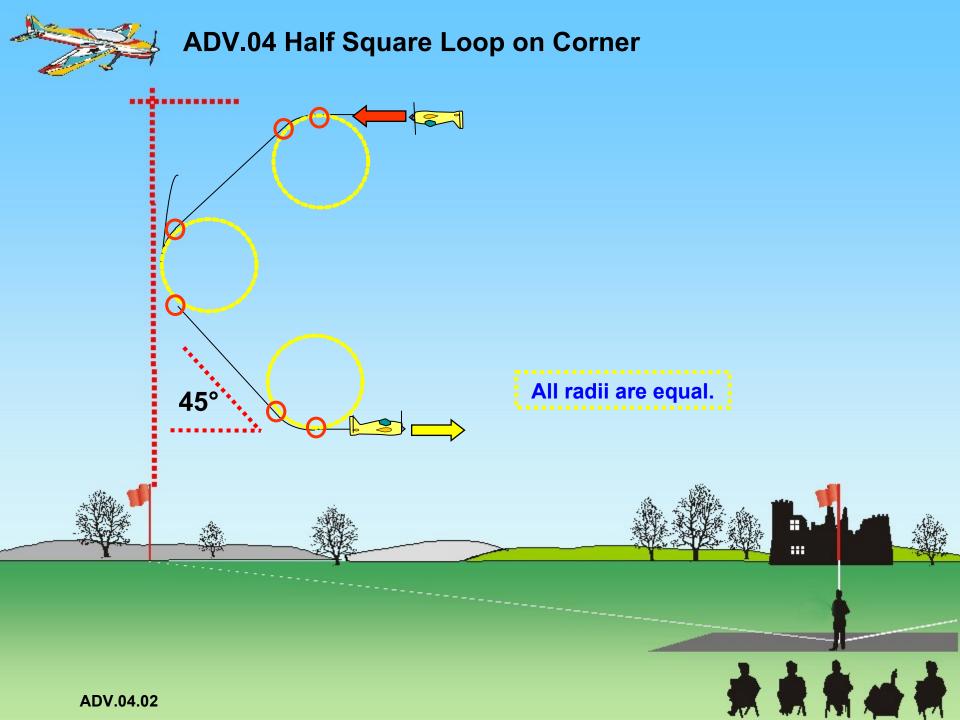


ADV.04 Half Square Loop on Corner



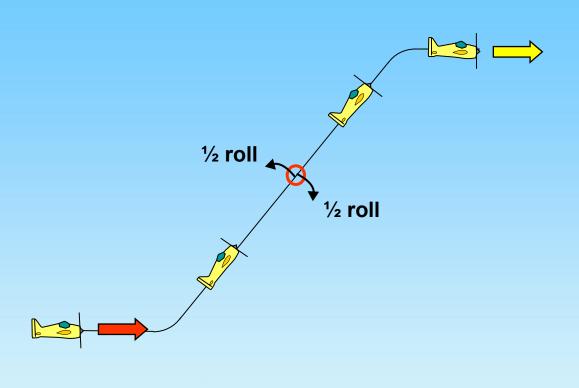
From inverted, pull through a one eighth loop into a forty five degree downline, pull through a quarter loop into a forty five degree downline, pull through a one eighth loop, exit upright.







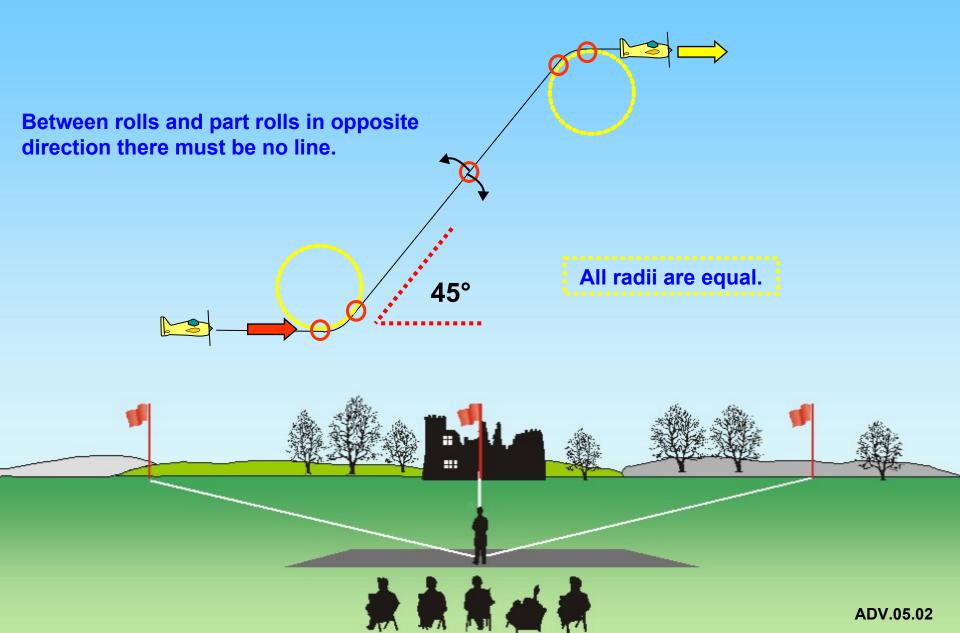
ADV.05 Forty Five degree Upline, with two half rolls in opposite direction





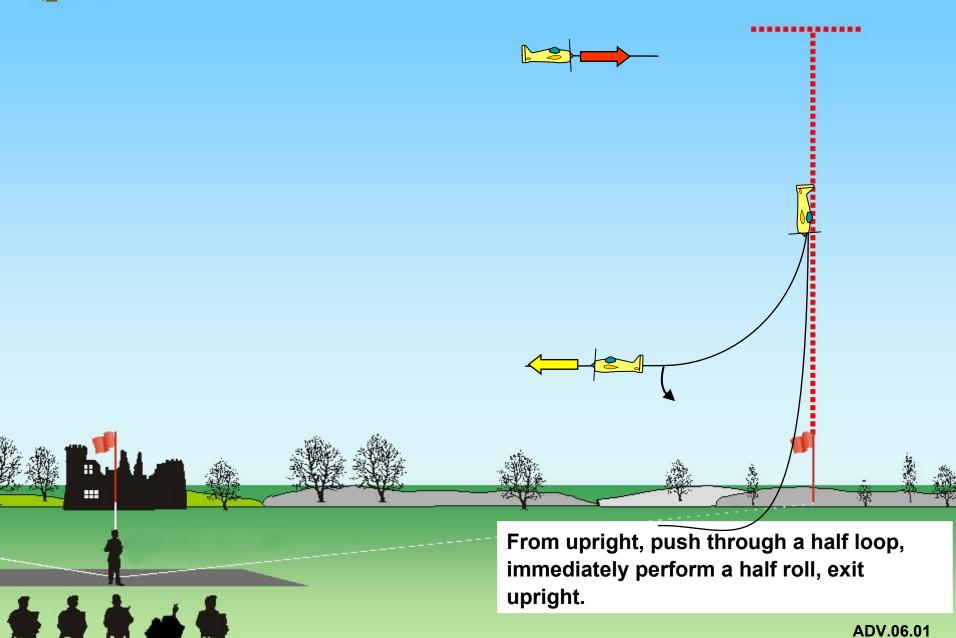


ADV.05 Forty Five degree Upline, with two half rolls in opposite direction



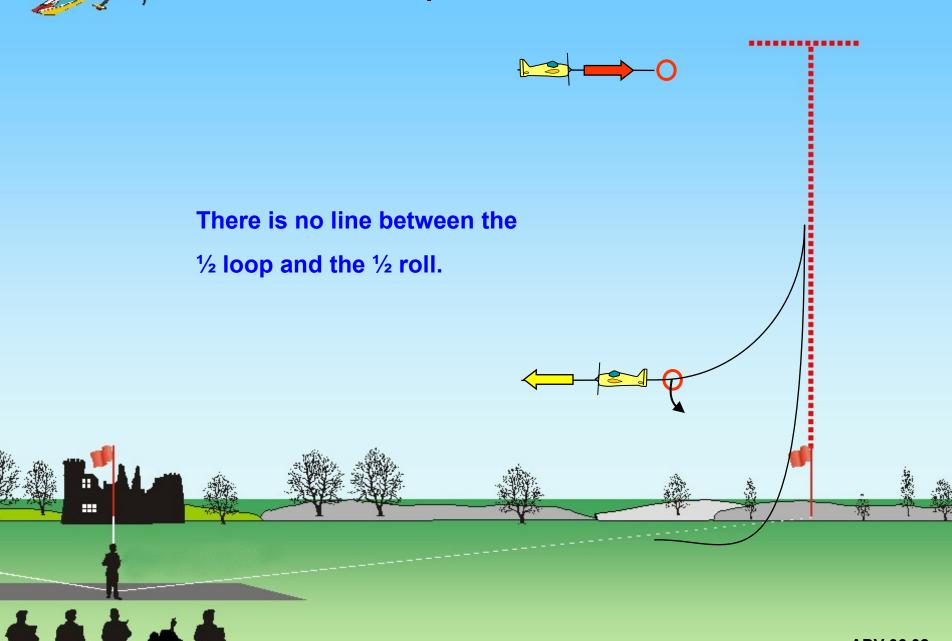


ADV.06 Reverse Split S with half roll





ADV.06 Reverse Split S with half roll

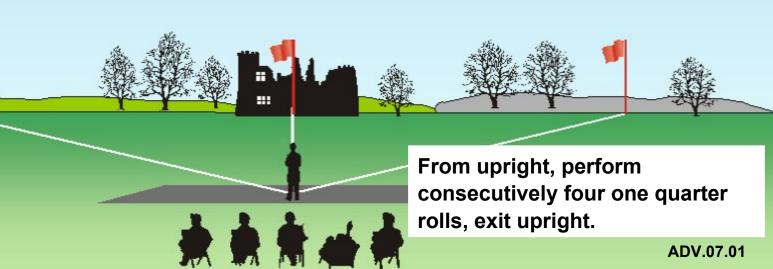




ADV.07 Roll Combination with four consecutive one quarter rolls

Four consecutive 1/4 rolls





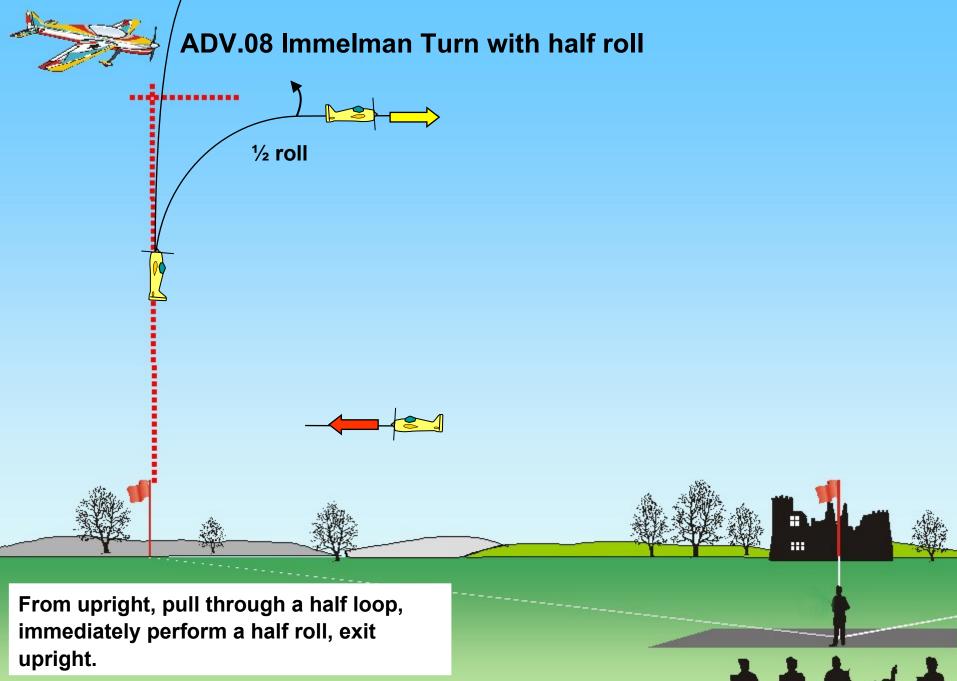


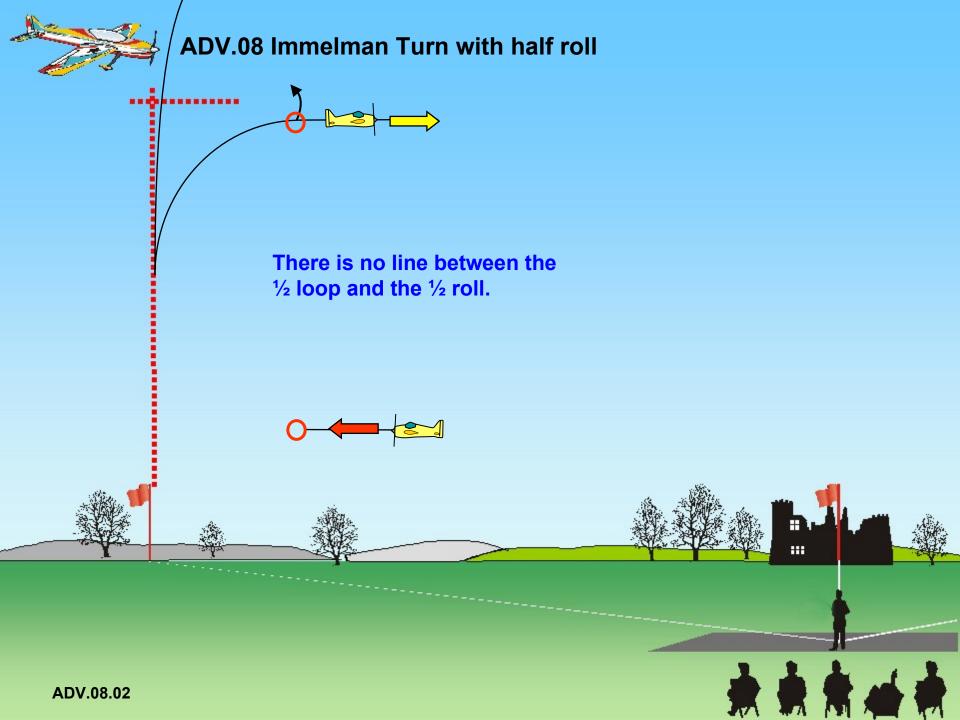
ADV.07 Roll Combination with four consecutive one quarter rolls

Flight must be straight and level.

Lines between part rolls must be short and of equal length.

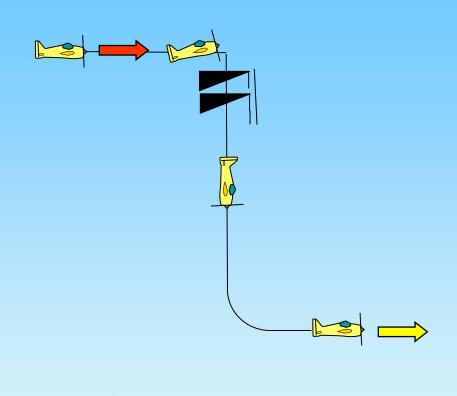








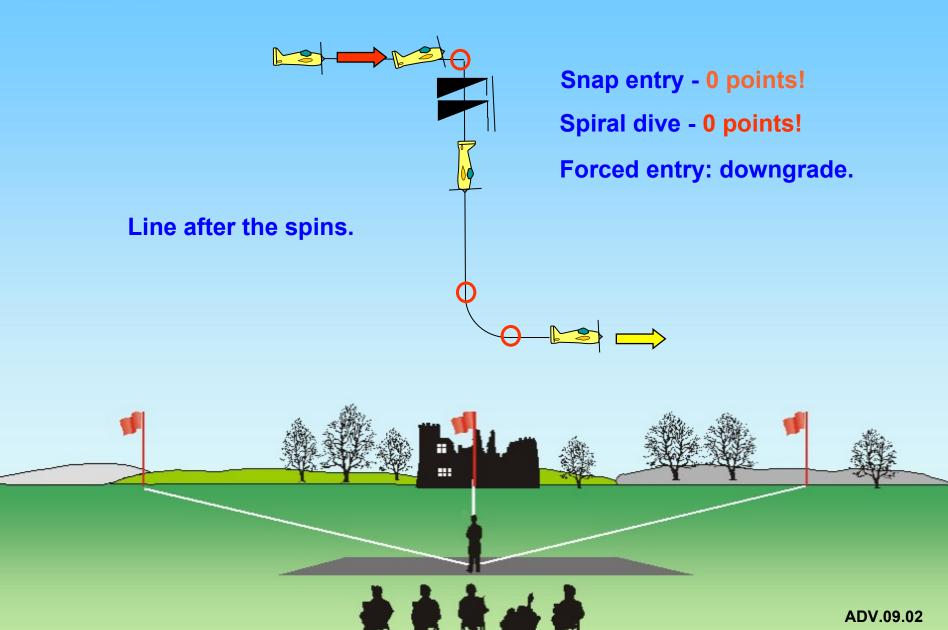
ADV.09 Spins with two turns





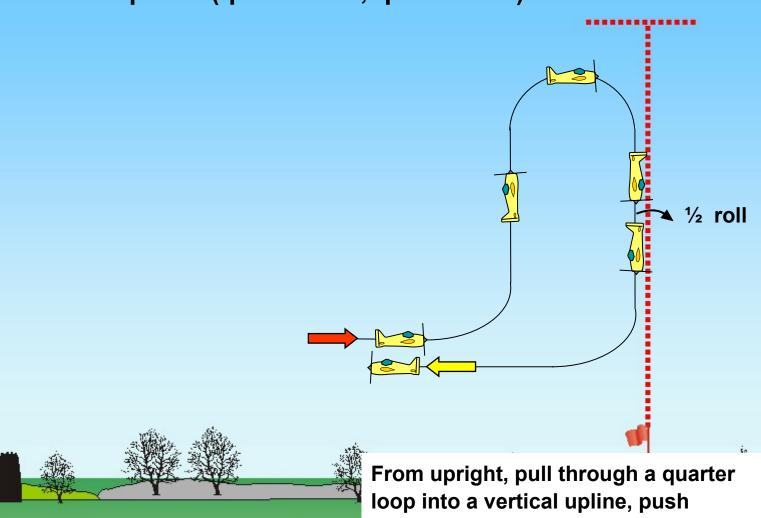


ADV.09 Spins with two turns





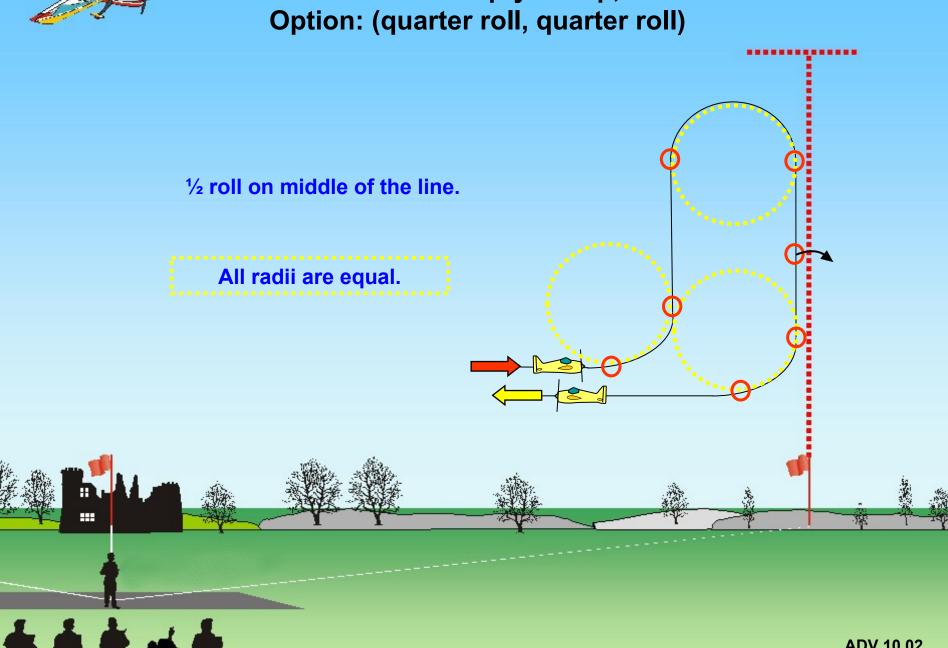
ADV.10 Pull-Push-Pull Humpty-Bump, with half roll. Option: (quarter roll, quarter roll)



From upright, pull through a quarter loop into a vertical upline, push through a half loop into a vertical downline, perform a half roll, pull through a quarter loop, exit upright.



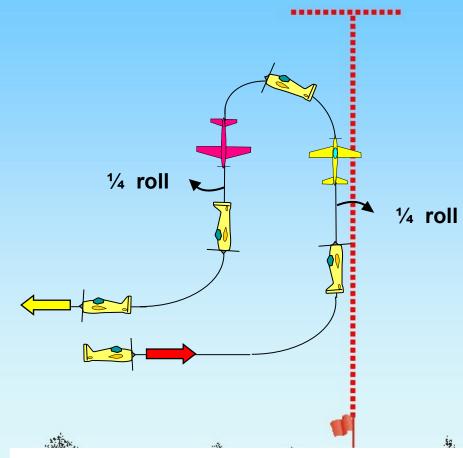
ADV.10 Pull-Pu-Pull Humpty-Bump, with half roll.

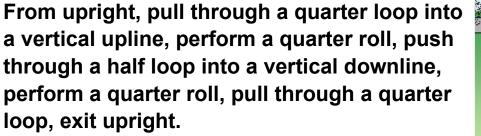




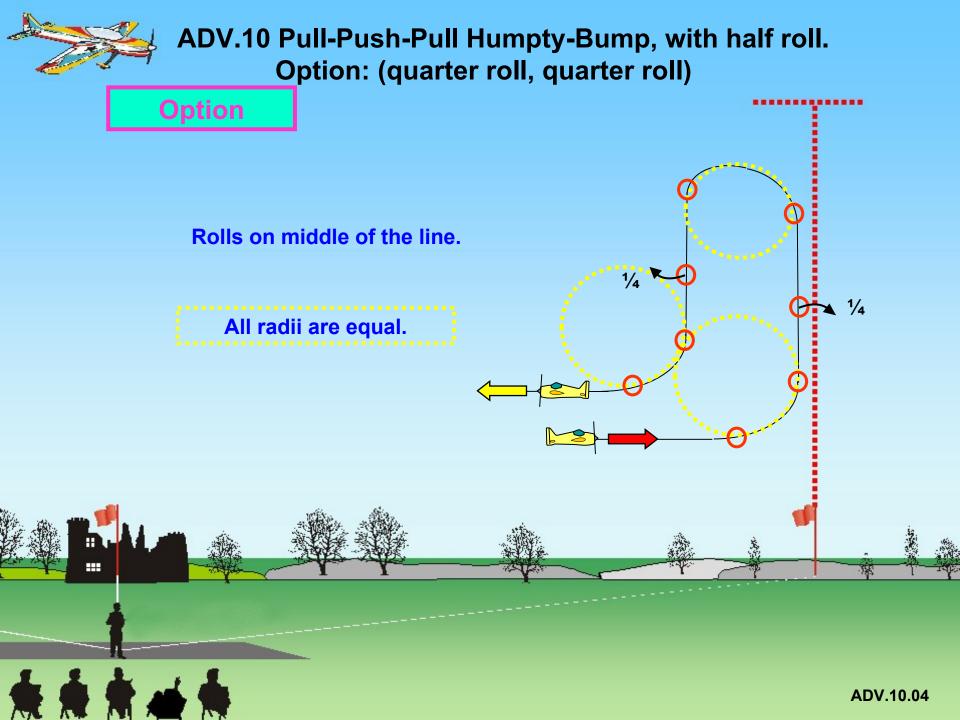
ADV.10 Pull-Push-Pull Humpty-Bump, with half roll. Option: (quarter roll, quarter roll)

Option



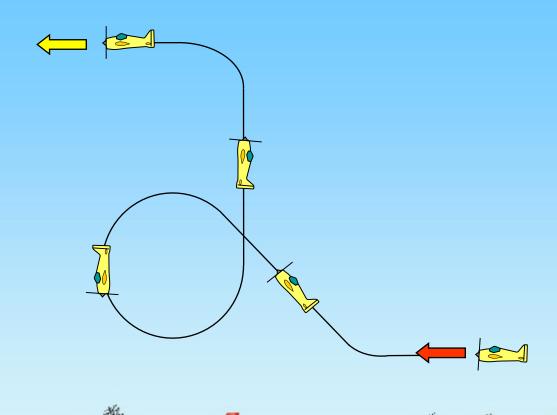


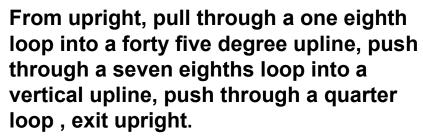




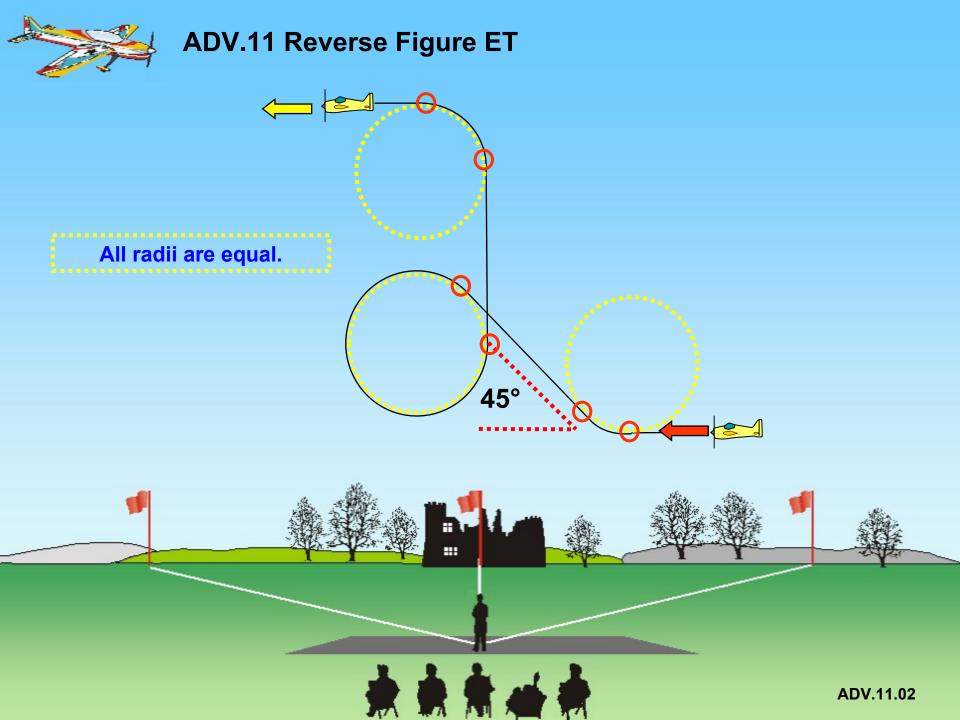


ADV.11 Reverse Figure ET



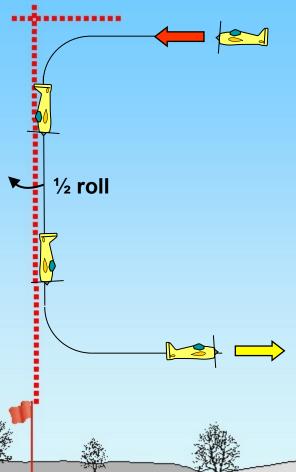


(Note: The vertical line must be in the center.)



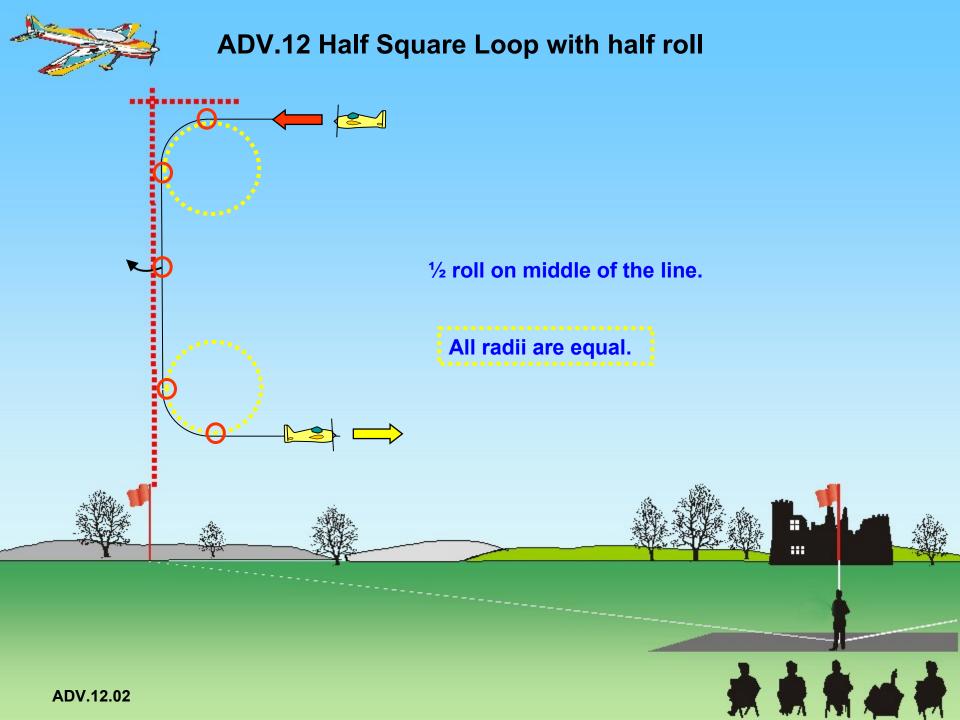


ADV.12 Half Square Loop with half roll



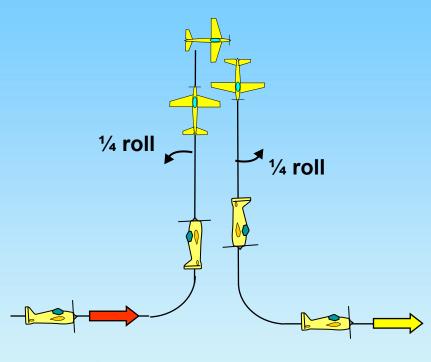
From upright, push through a quarter loop into a vertical downline, perform a half roll, pull through a quarter loop, exit upright.







ADV.13 Stall Turn

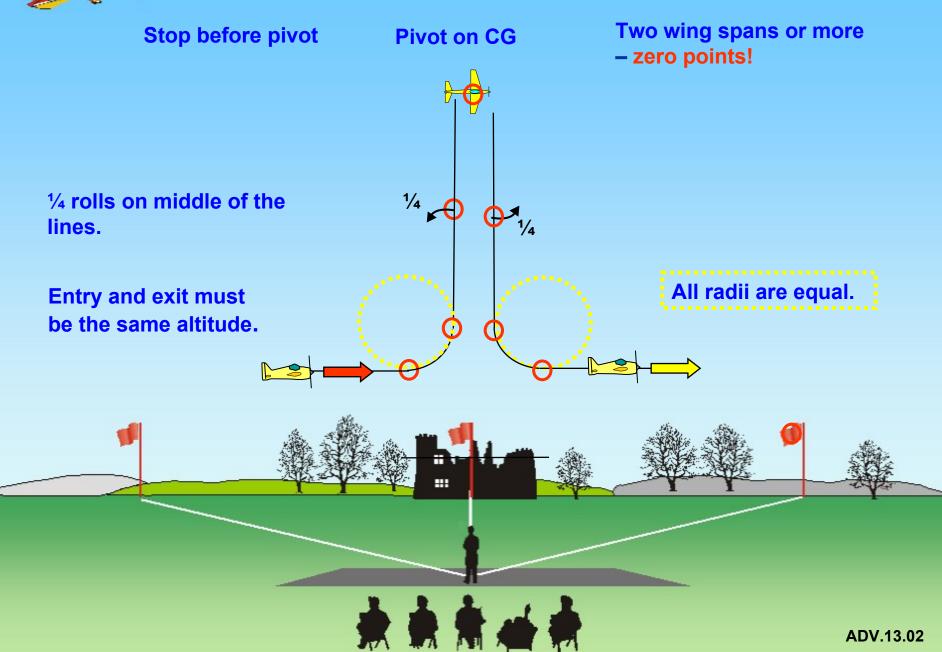




From upright, pull through a quarter loop into a vertical upline, perform a quarter roll, perform a stall turn to a vertical downline, perform a quarter roll, pull through a quarter loop, exit upright.

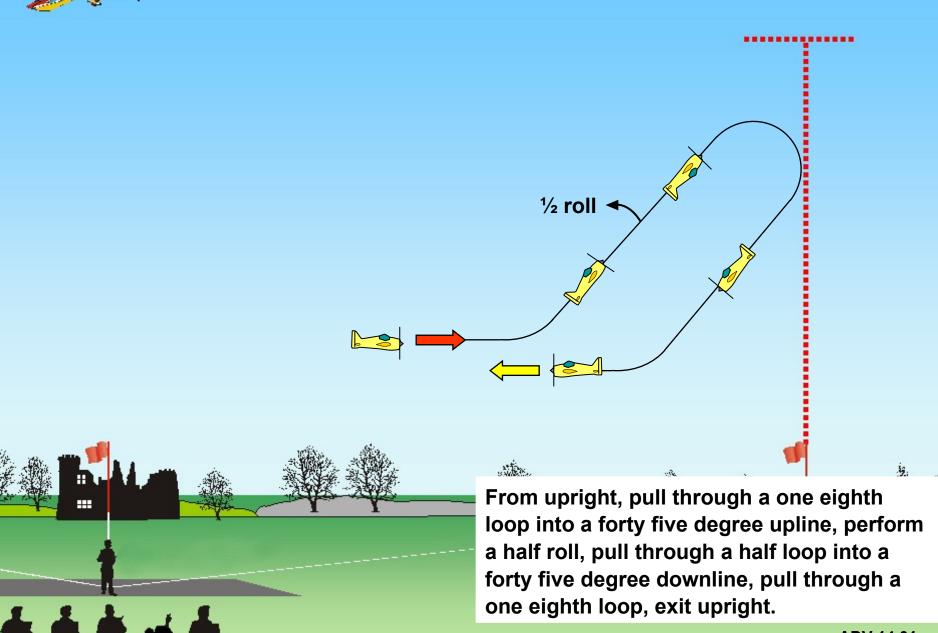


ADV.13 Stall Turn



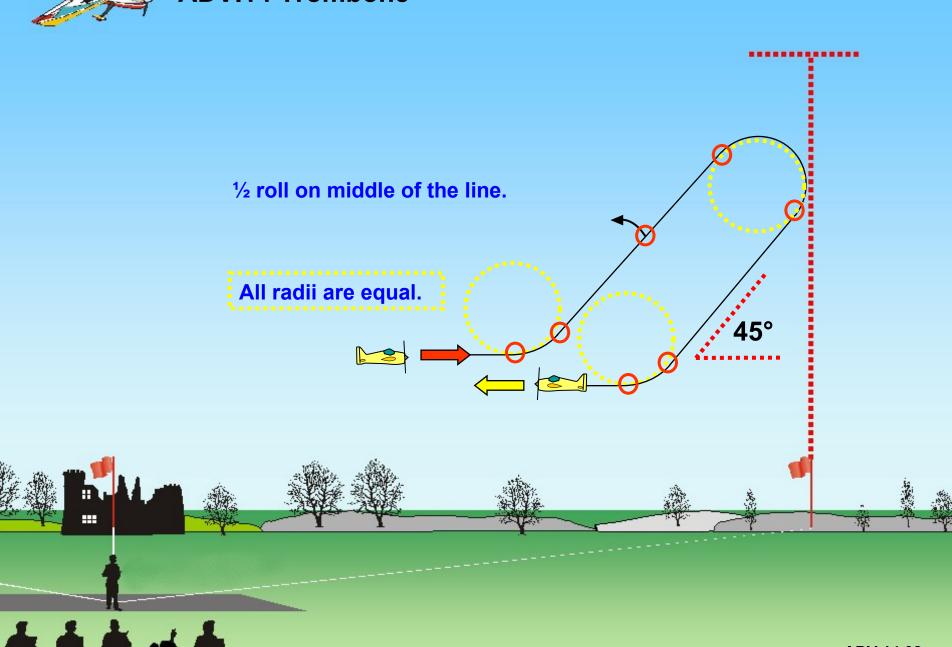


ADV.14 Trombone



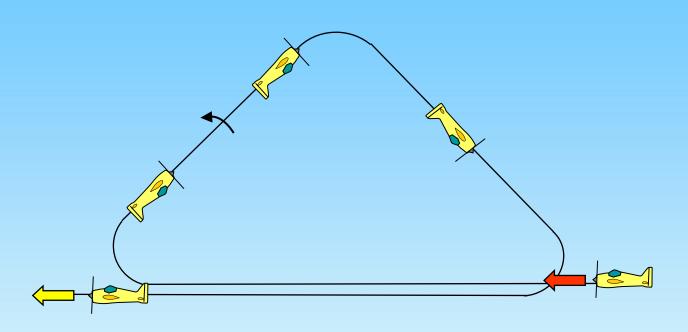


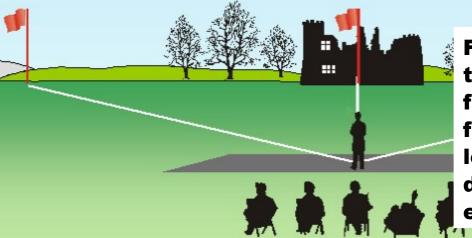
ADV.14 Trombone





ADV.15 Triangle with one roll

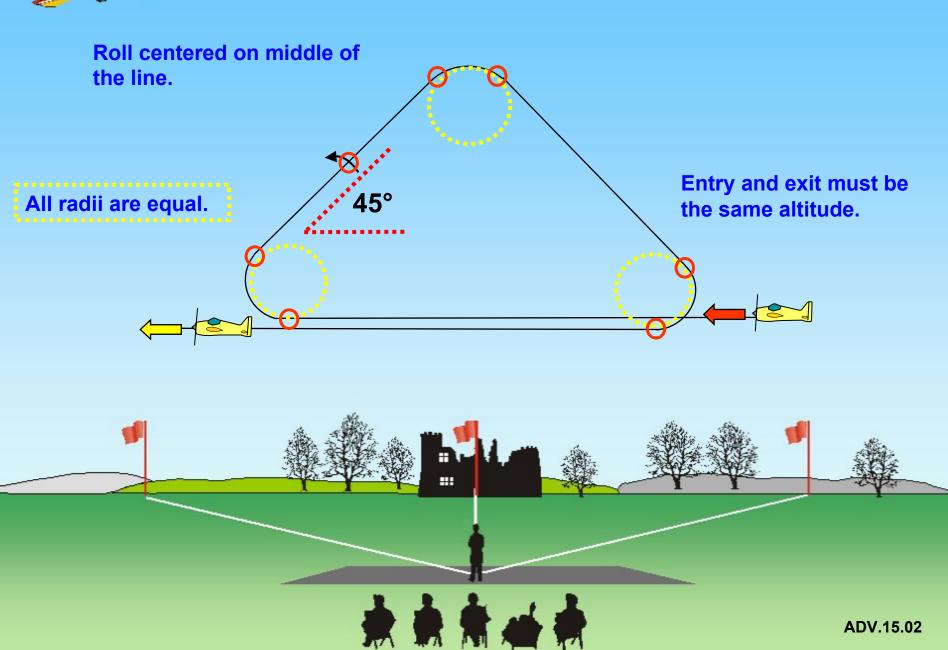


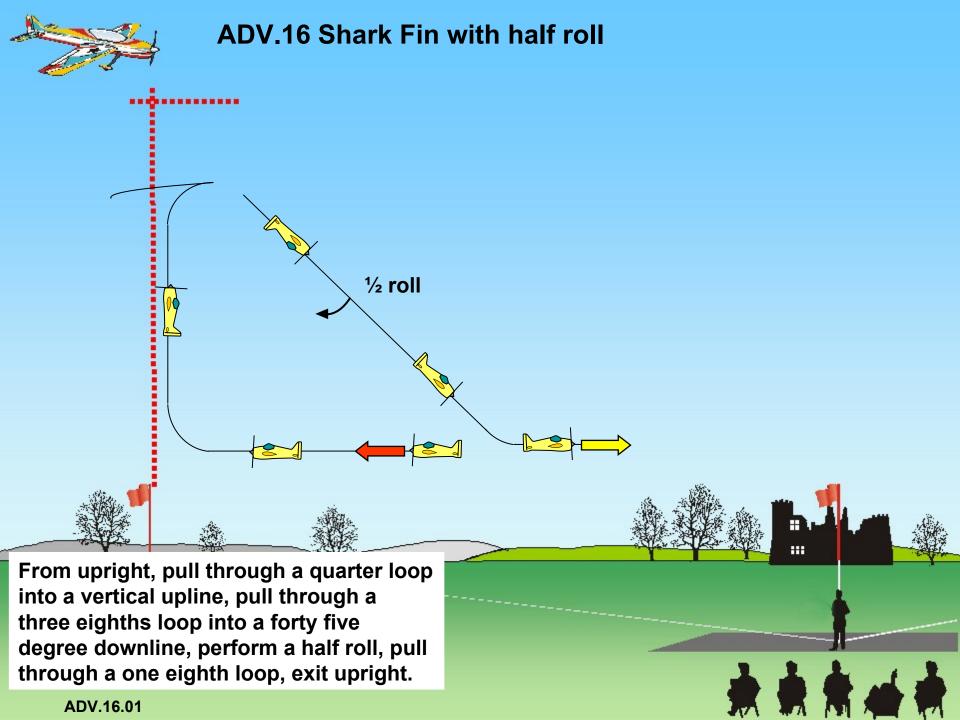


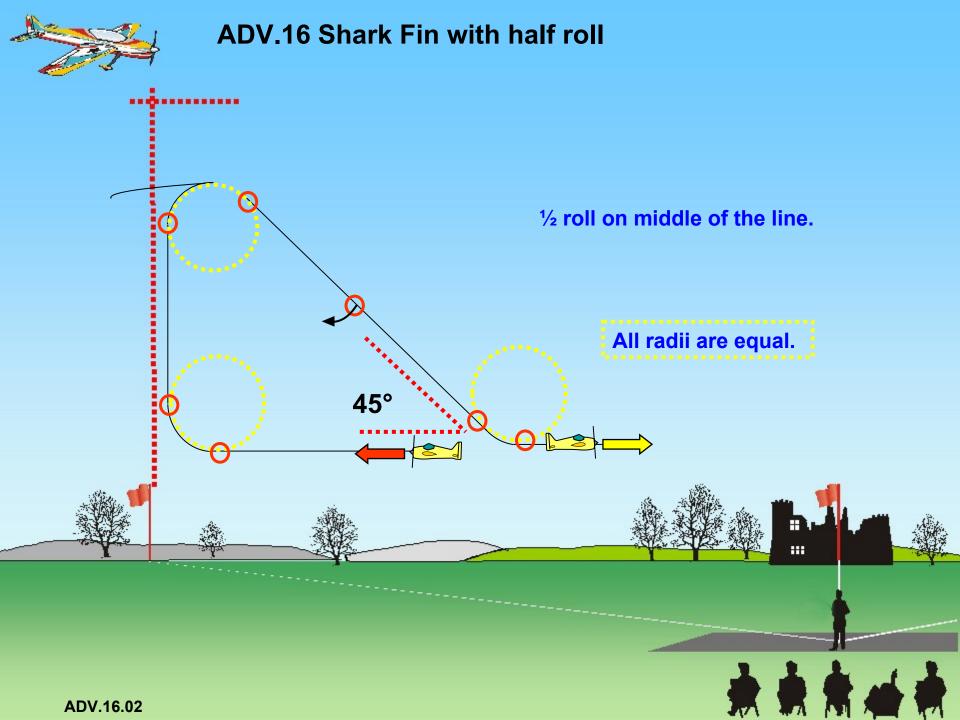
From upright, pull through a three eighths loop into a forty five degree upline, perform a full roll, pull through a quarter loop into a forty five degree downline, pull through a three eighths loop, exit upright.



ADV.15 Triangle with roll

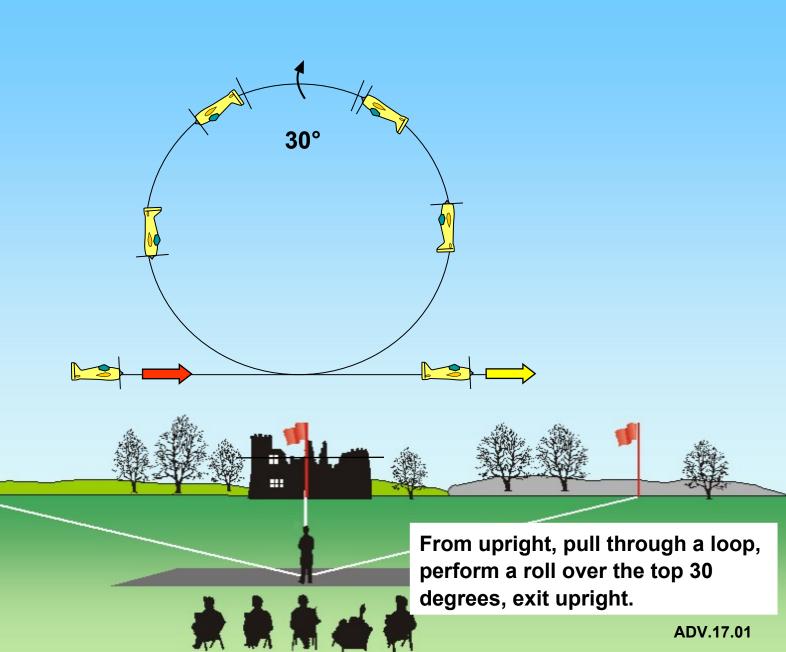






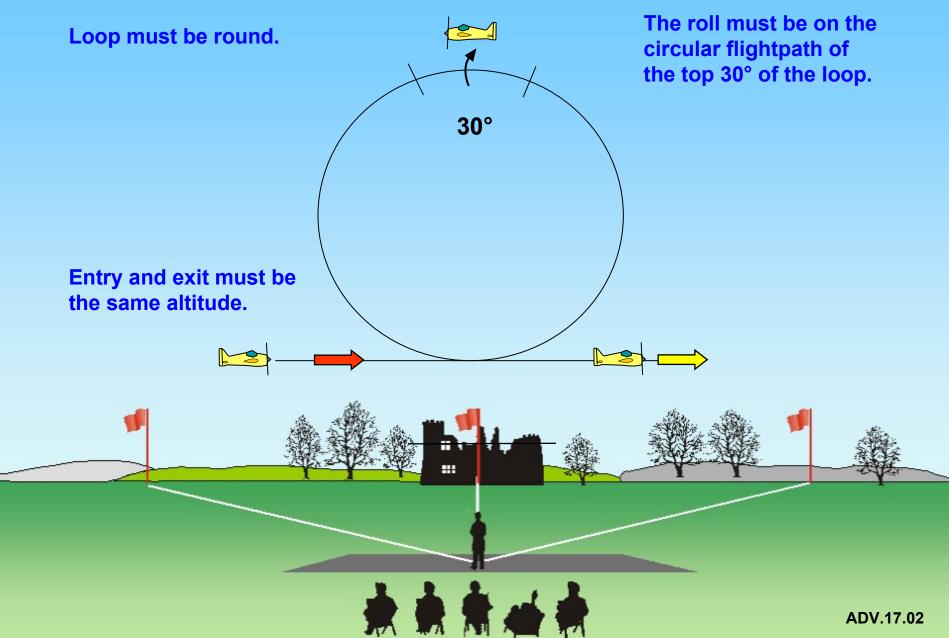


ADV.17 Loop with roll





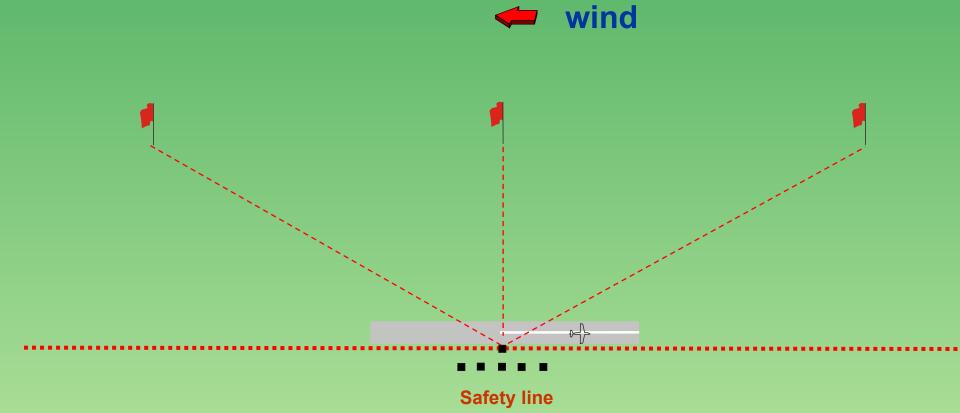
ADV.17 Loop with roll





Landing procedure (not judged, not scored)

The direction of the landing may be different to the take off.



Forget WHO is flying

(friend, rival, countryman, flier from other nation)

Forget WHAT is flying

(2-stroke, 4-stroke, electric)

LOOK ONLY AT LINES DESCRIBED IN THE SKY! Bob Skinner

(and the precision, smoothness, positioning, and size)



Thank you!

C Peter Uhlig, March 2020