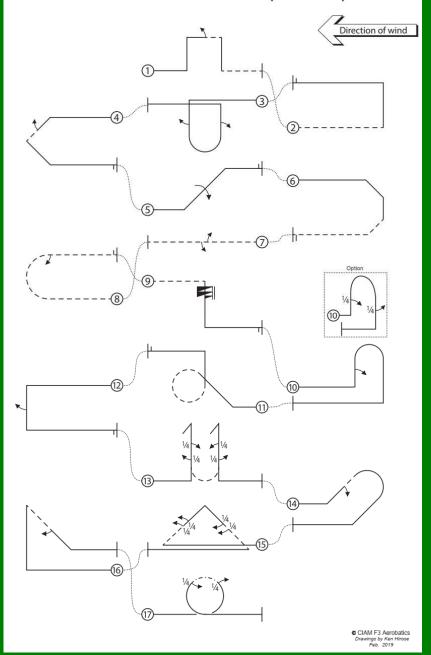
Flying and Judging F3A

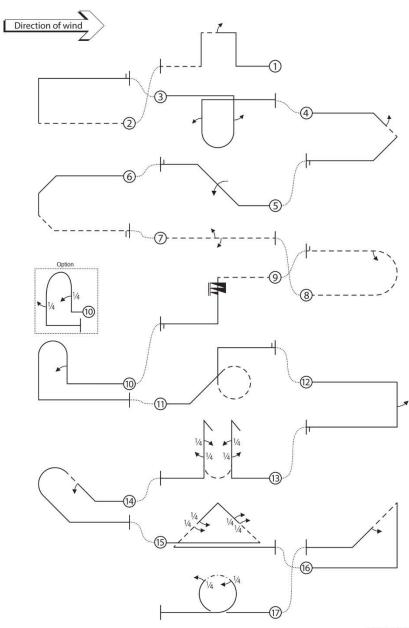


SCHEMATIC MANOEUVRE ILLUSTRATIONS
SCHEDULE A-23

ADVANCED SCHEDULE A-23 (2021-2023)



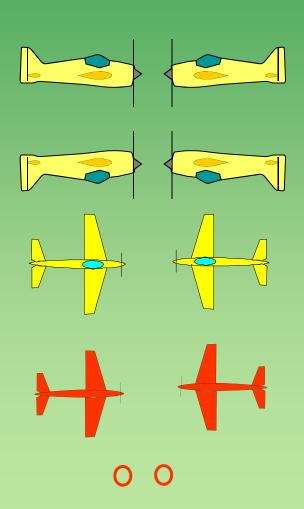
ADVANCED SCHEDULE A-23 (2021-2023)



© CIAM F3 Aerobatics Drawings by Ken Hirose Feb. 2019



Explanations:



Aircraft upright

Aircraft inverted

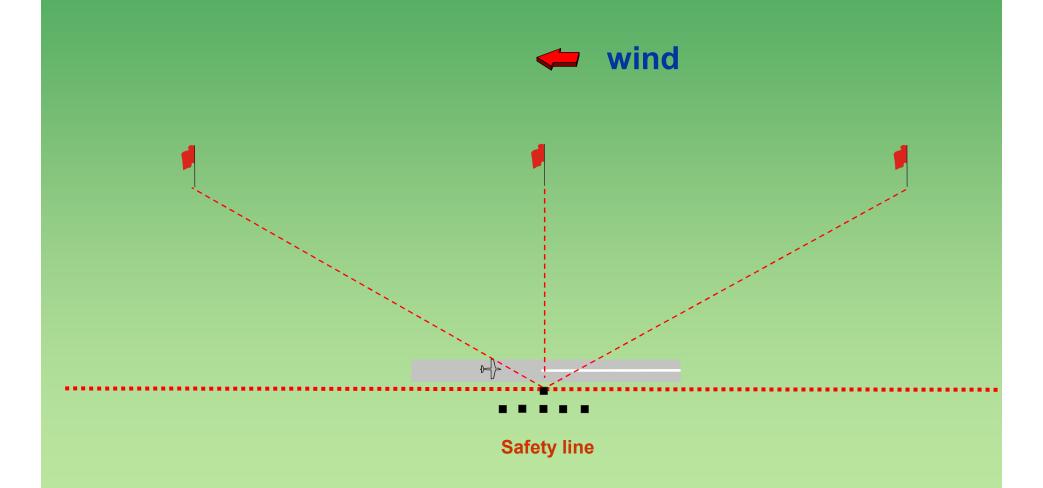
Aircraft in Knife-Edge View from Top

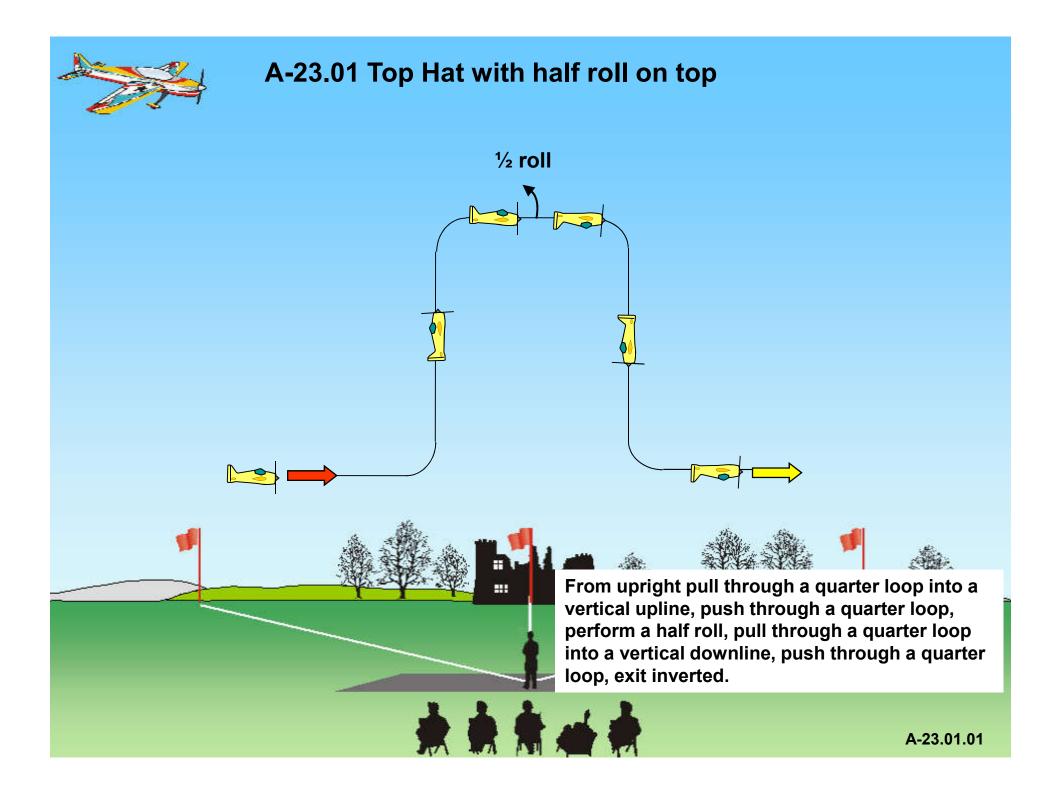
Aircraft in Knife-Edge View from Below

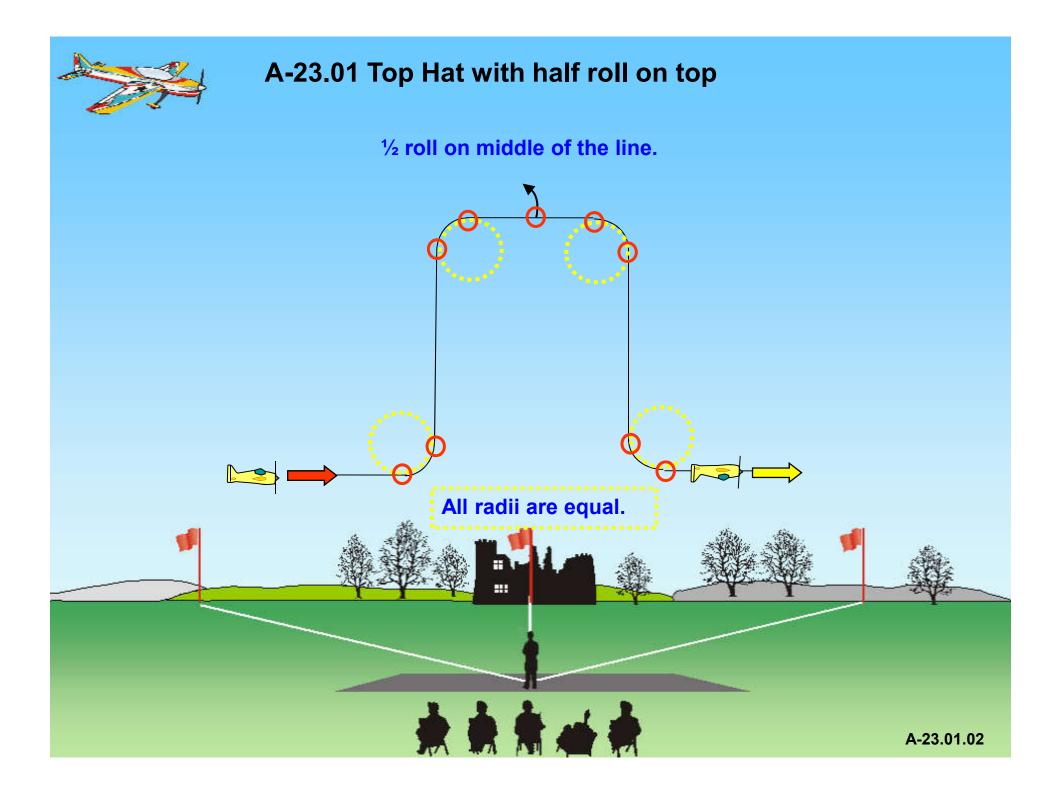
Reference points

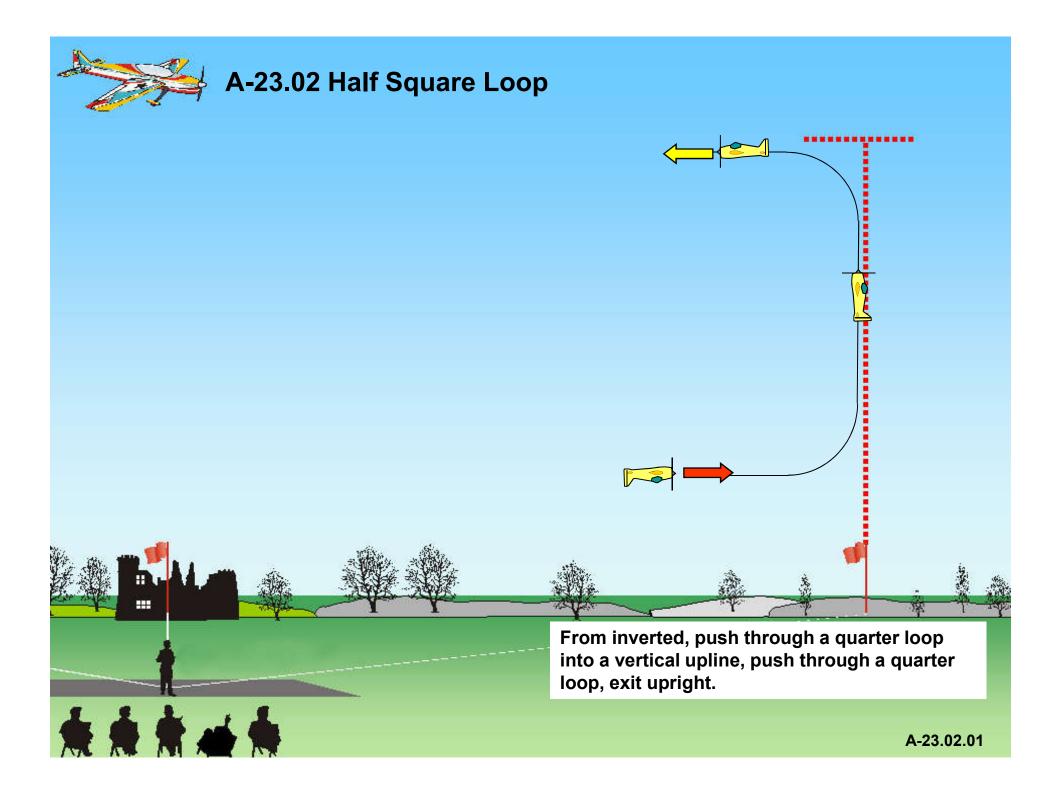


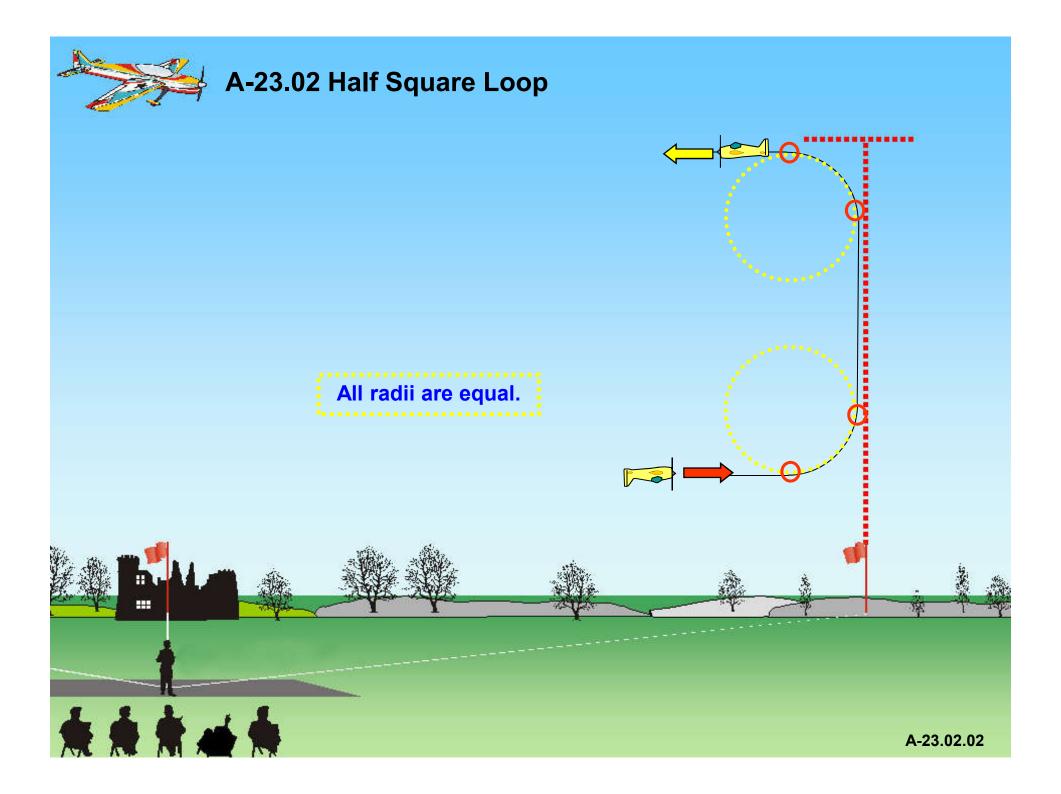
Take-off procedure (not judged, not scored)

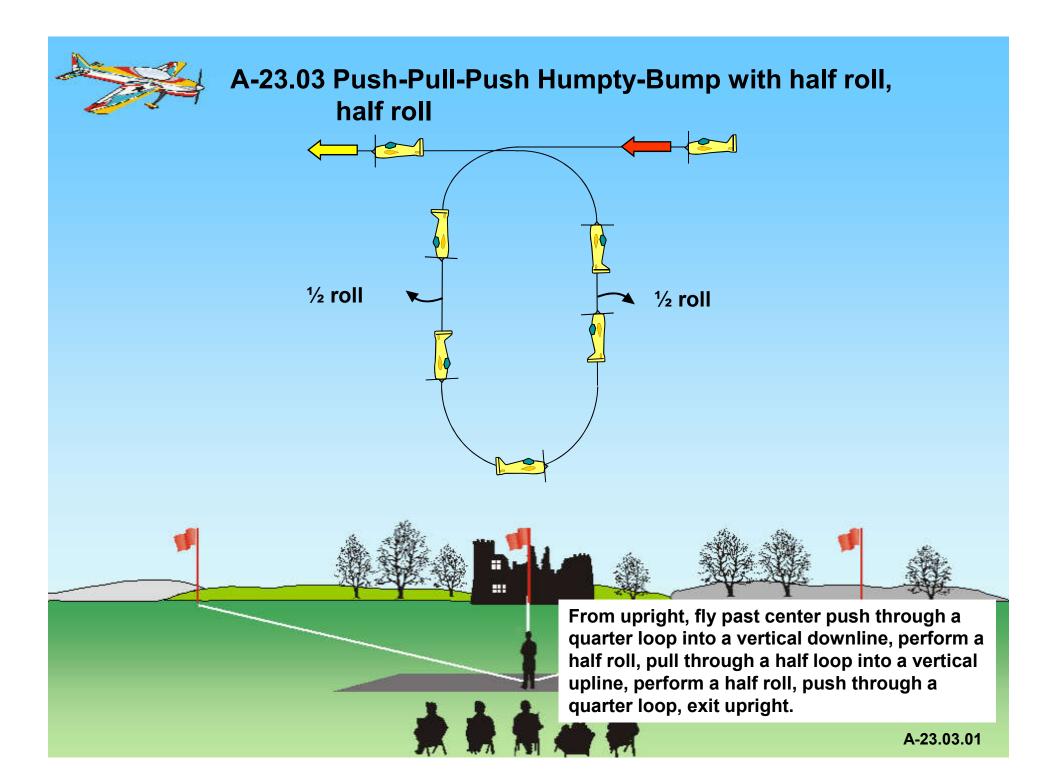


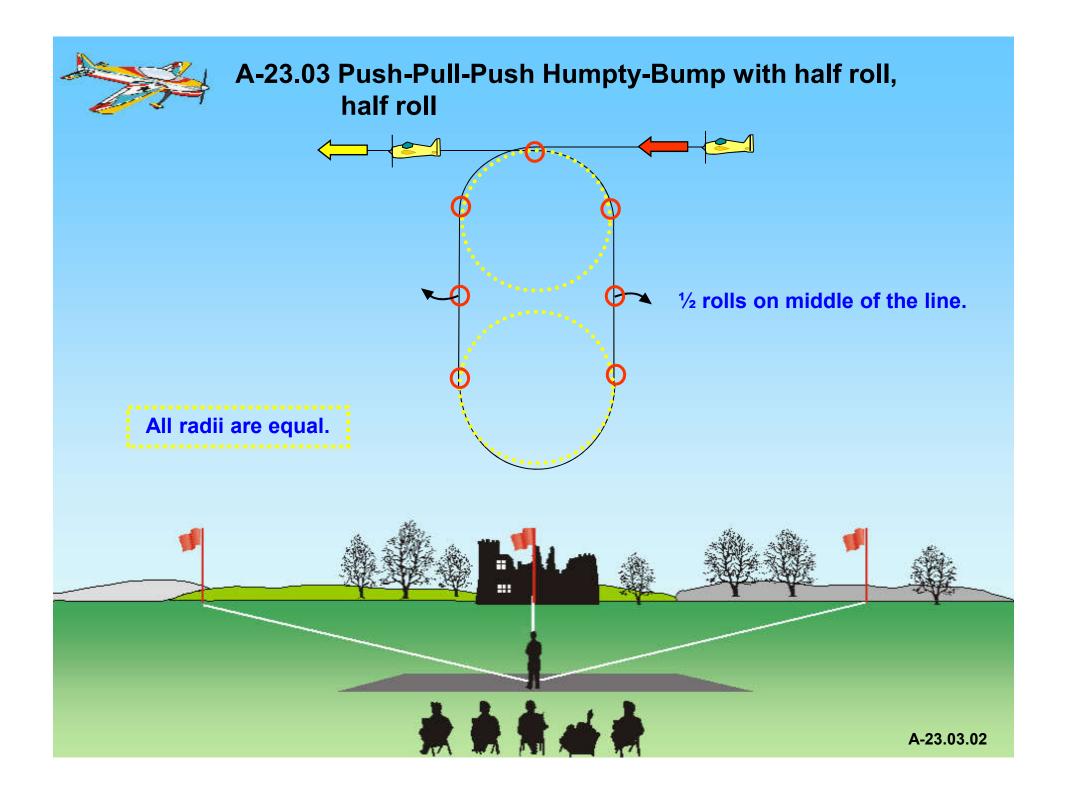




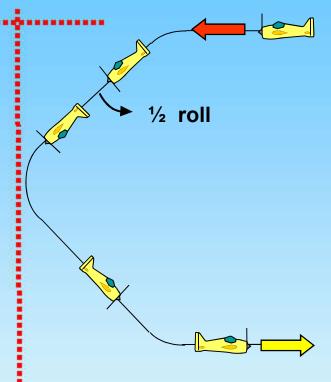


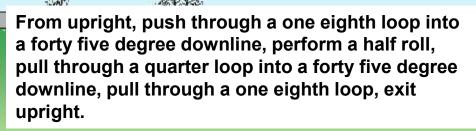


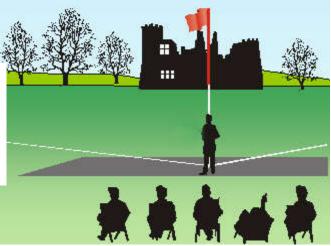




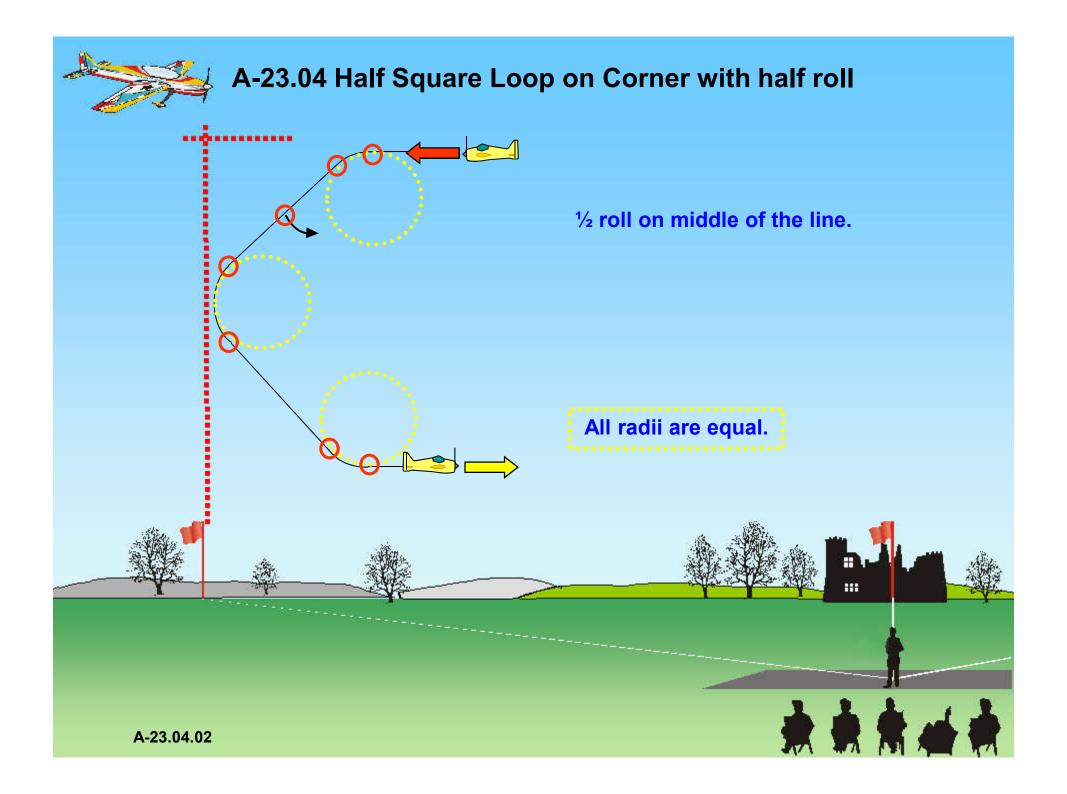
A-23.04 Half Square Loop on Corner with half roll





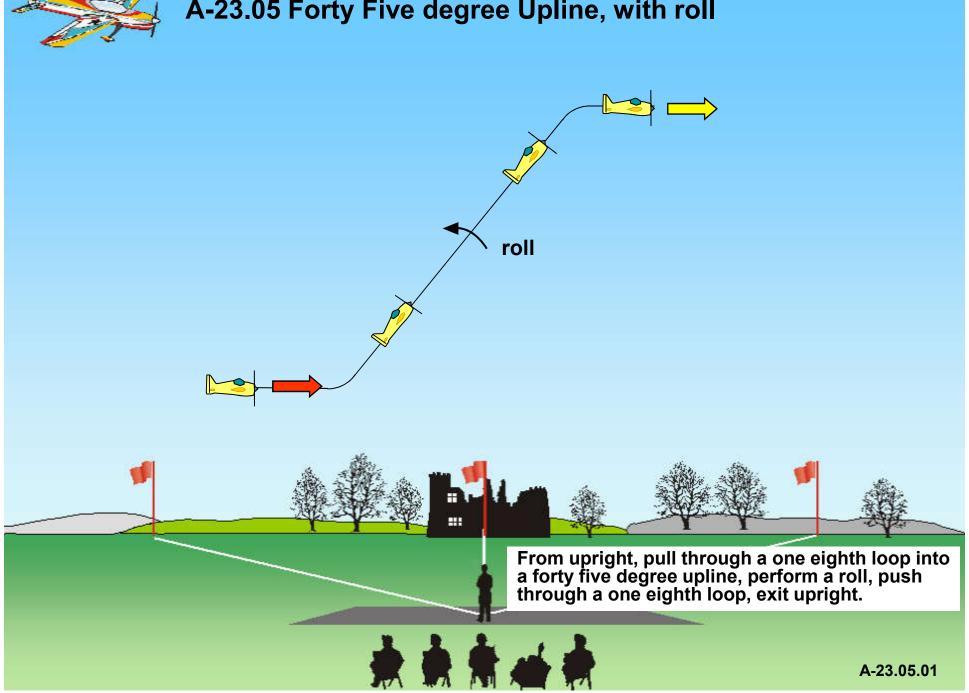






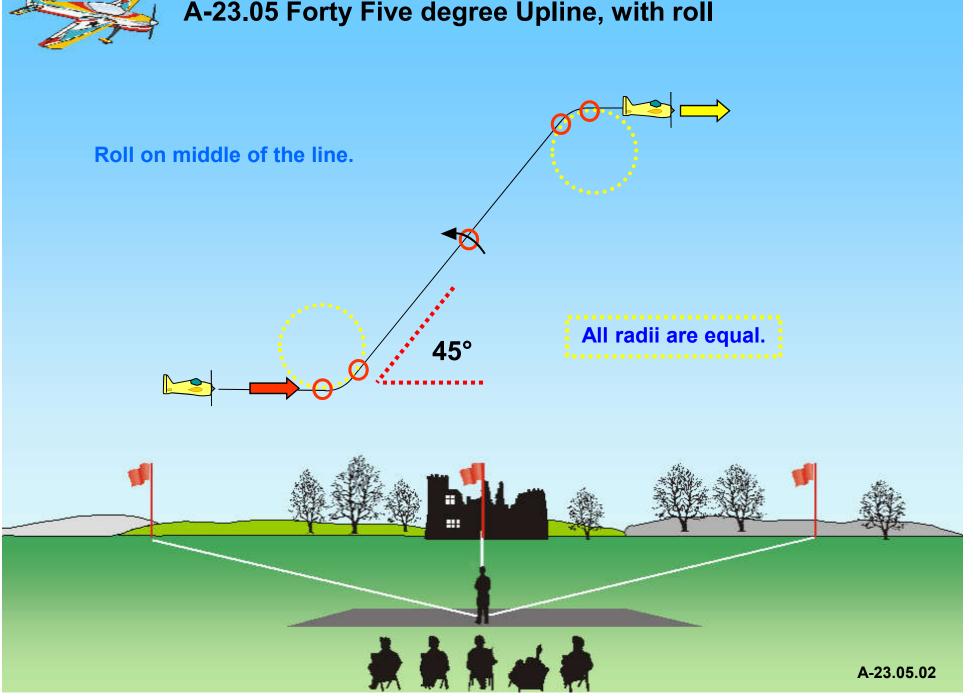


A-23.05 Forty Five degree Upline, with roll





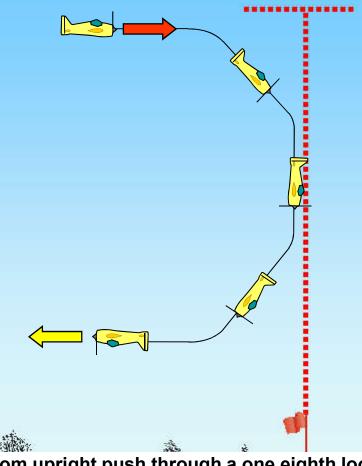
A-23.05 Forty Five degree Upline, with roll

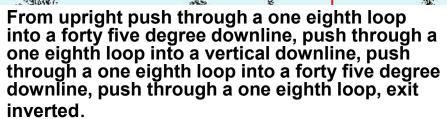


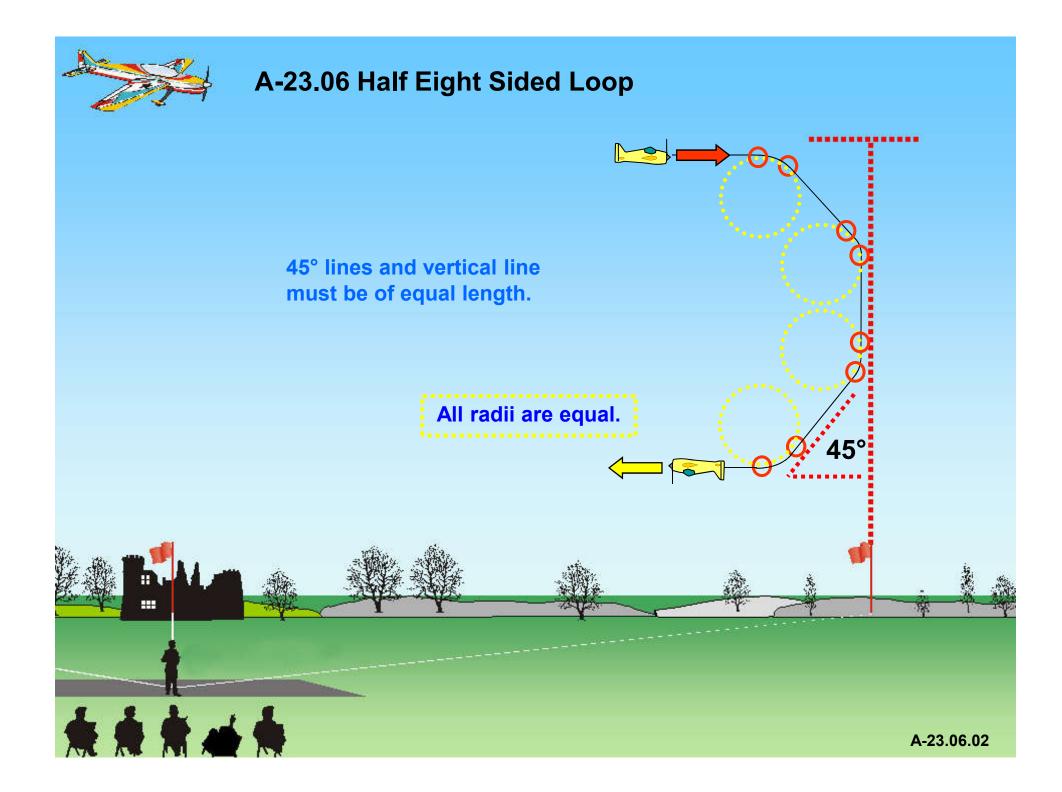


素素素素素

A-23.06 Half Eight Sided Loop

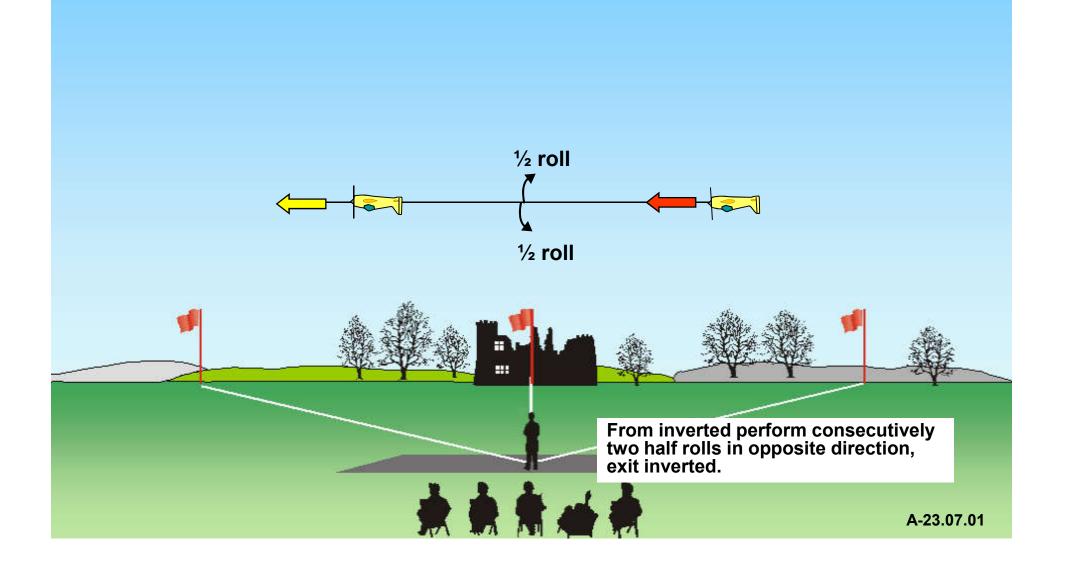








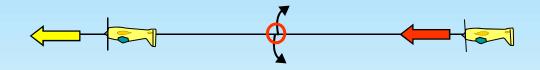
A-23.07 Roll Combination with two consecutive half rolls in opposite direction

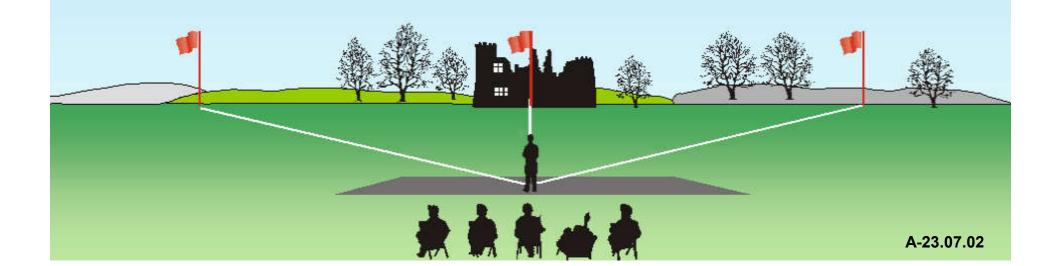


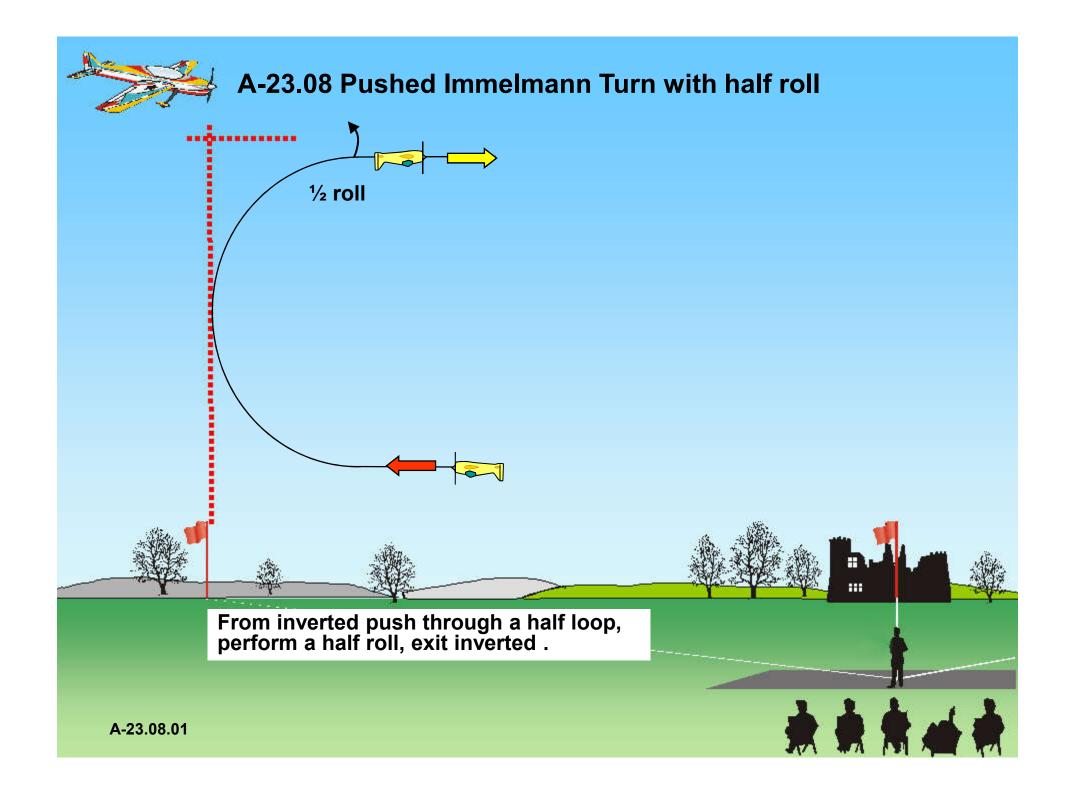


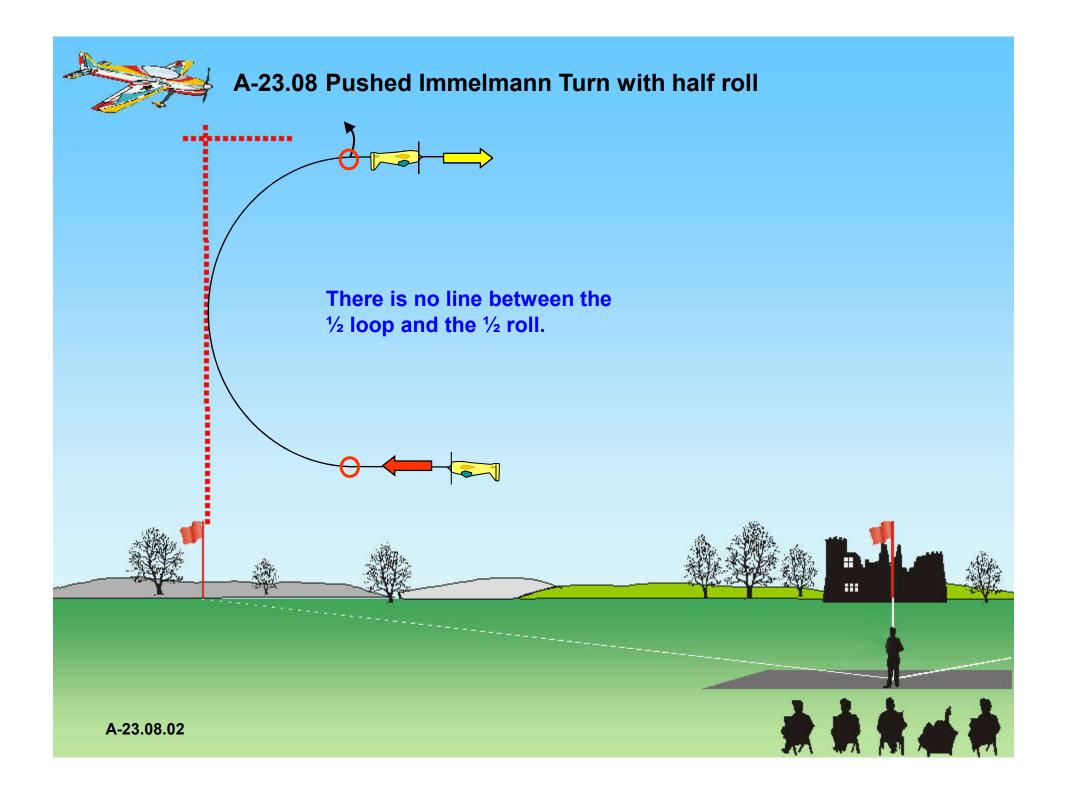
A-23.07 Roll Combination with two consecutive half rolls in opposite direction

Between rolls and part rolls in opposite direction there must be no line.



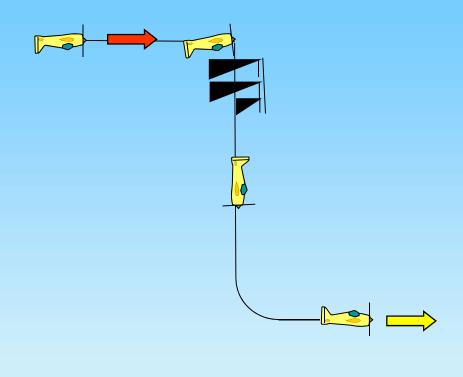


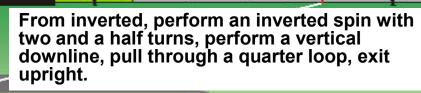




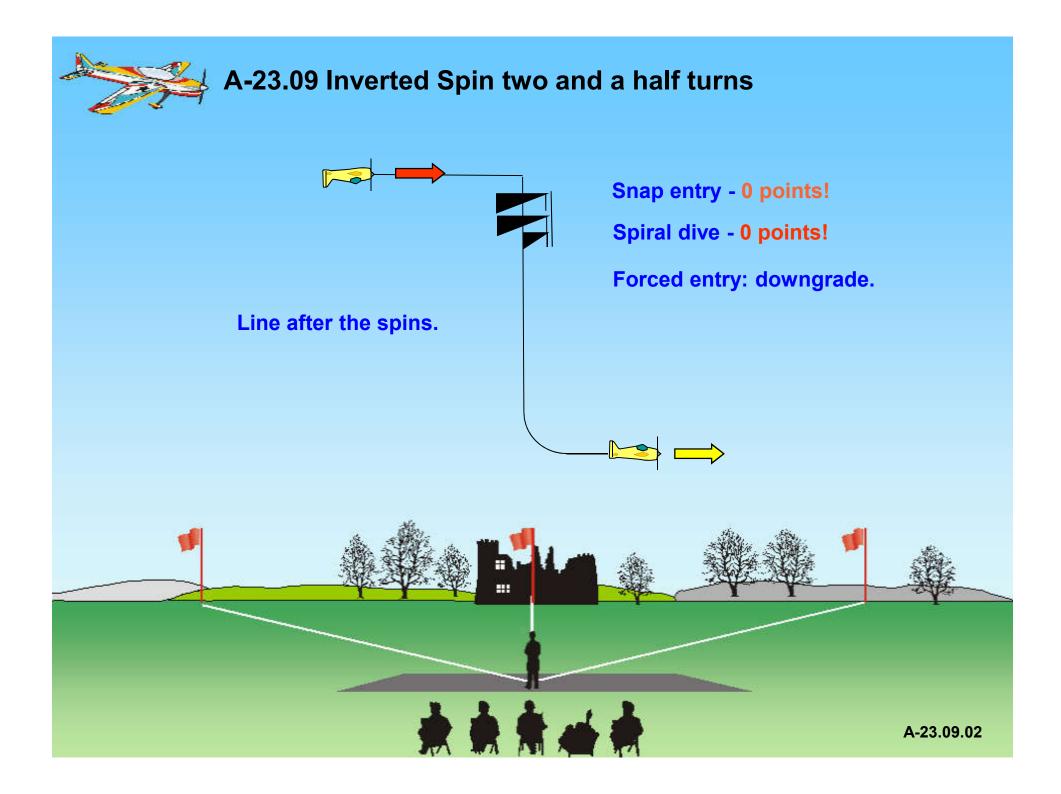


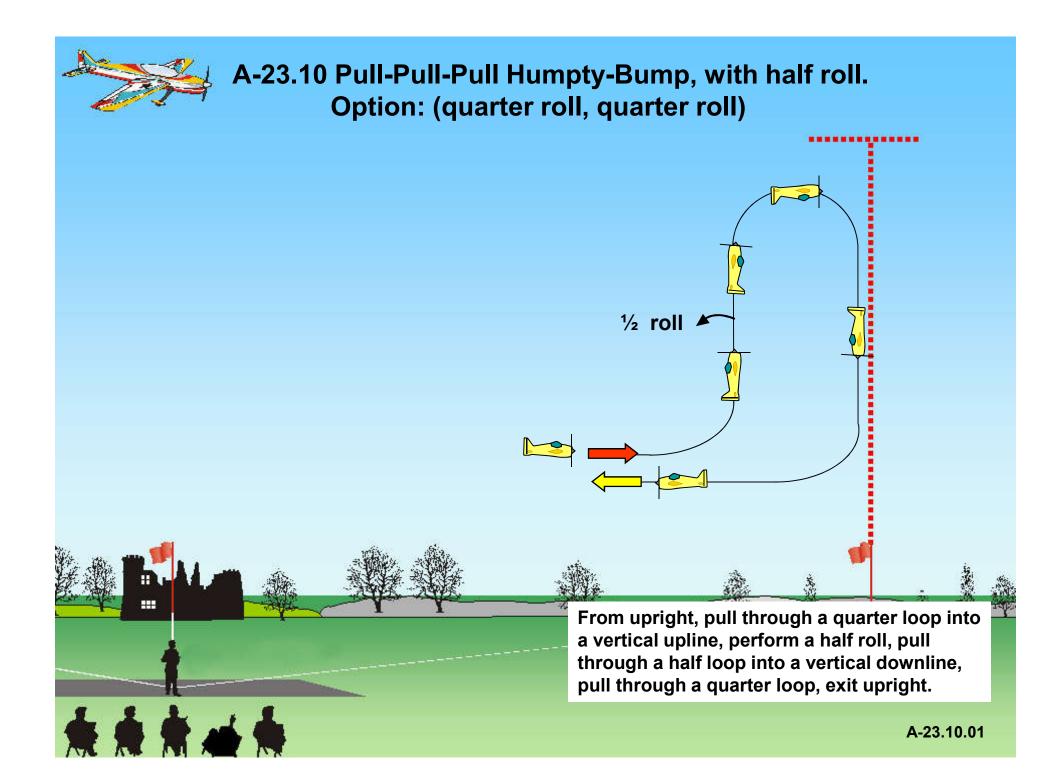
A-23.09 Inverted Spin two and a half turns

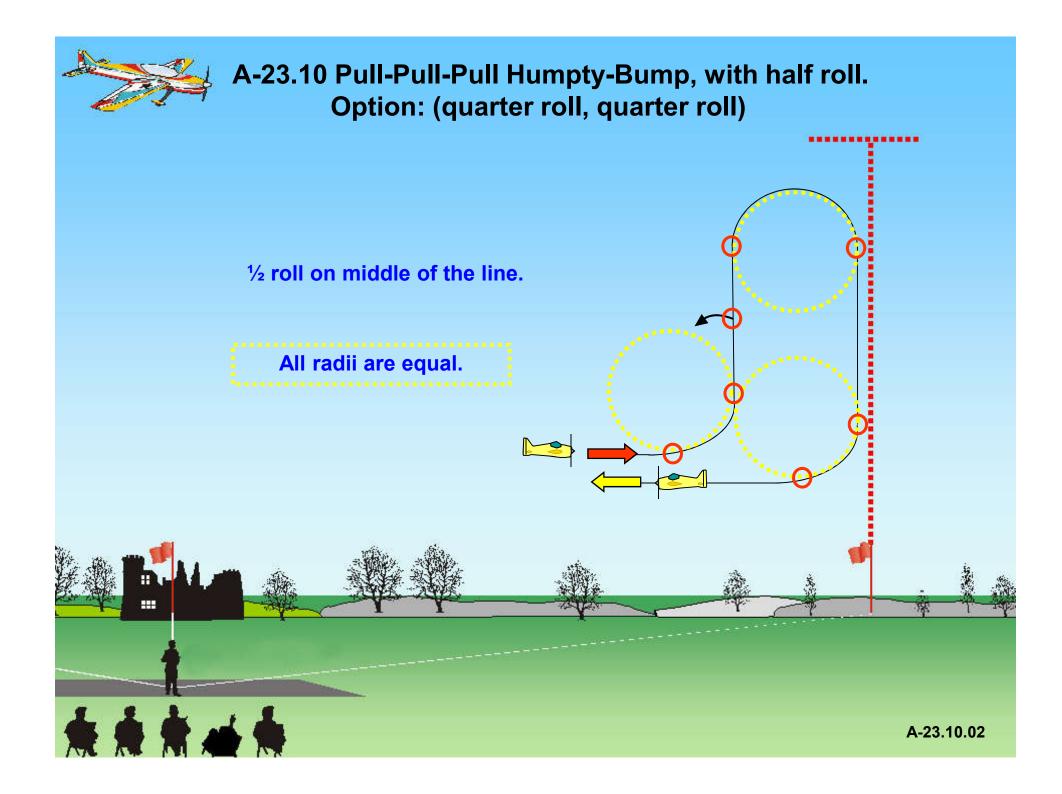








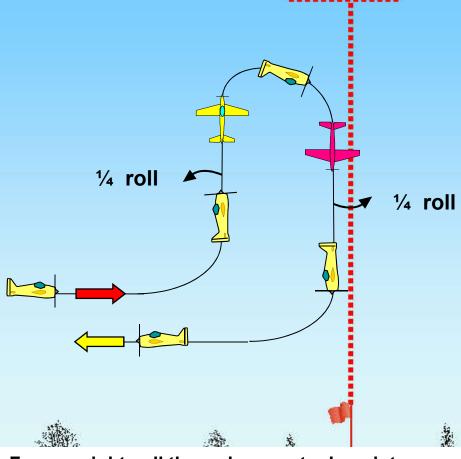


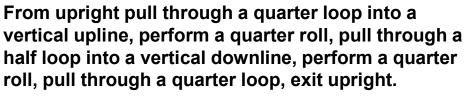




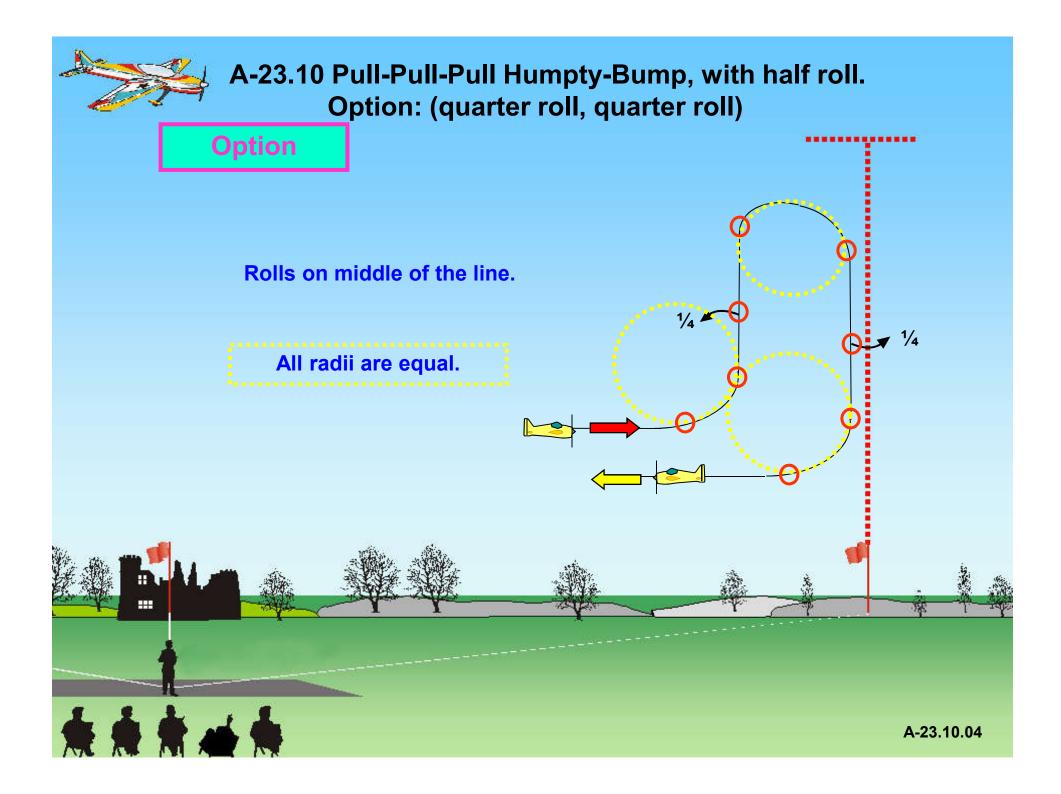
A-23.10 Pull-Pull Humpty-Bump, with half roll. Option: (quarter roll, quarter roll)

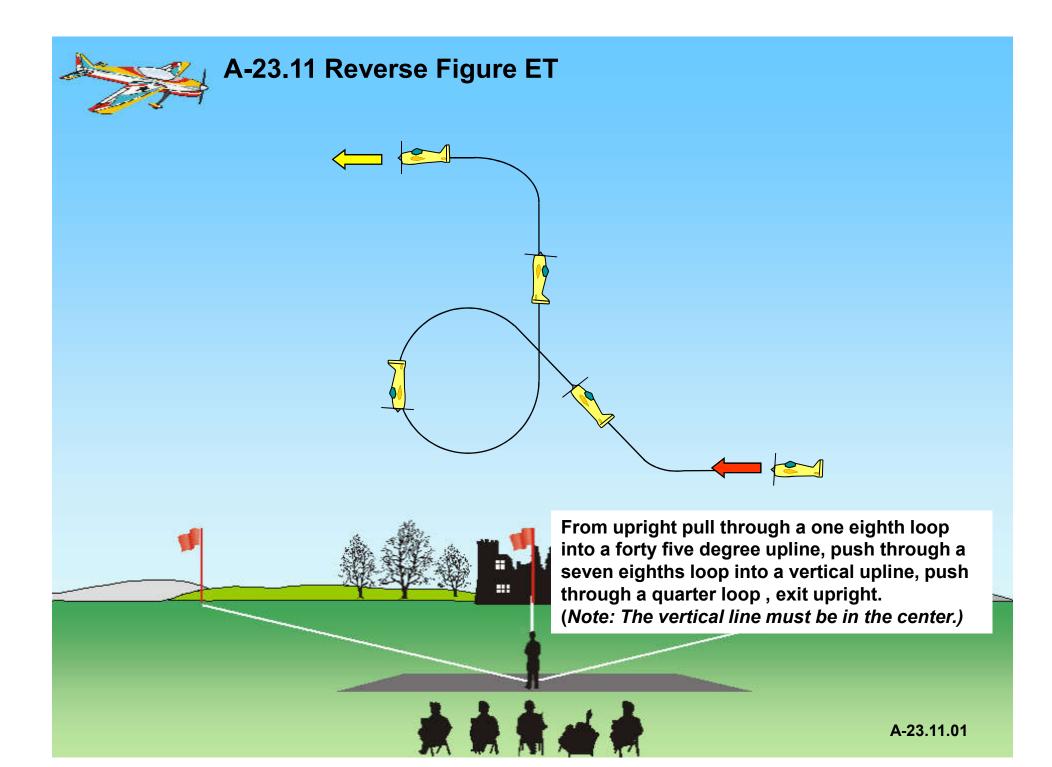
Option

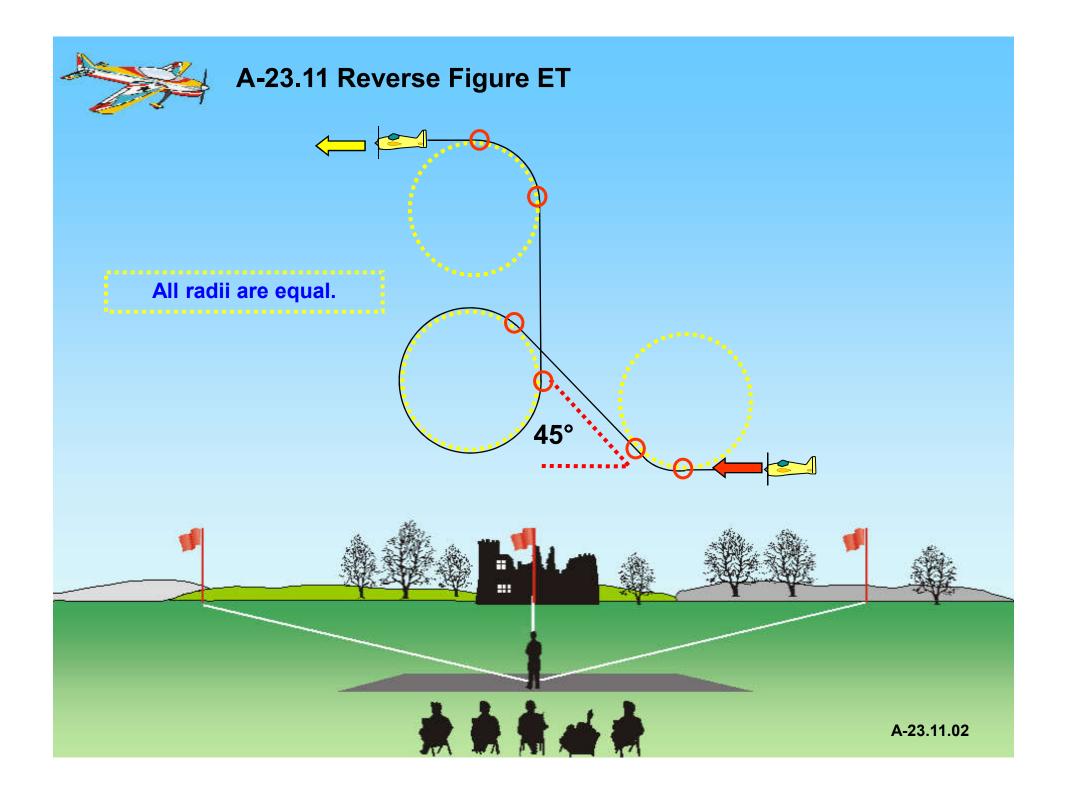




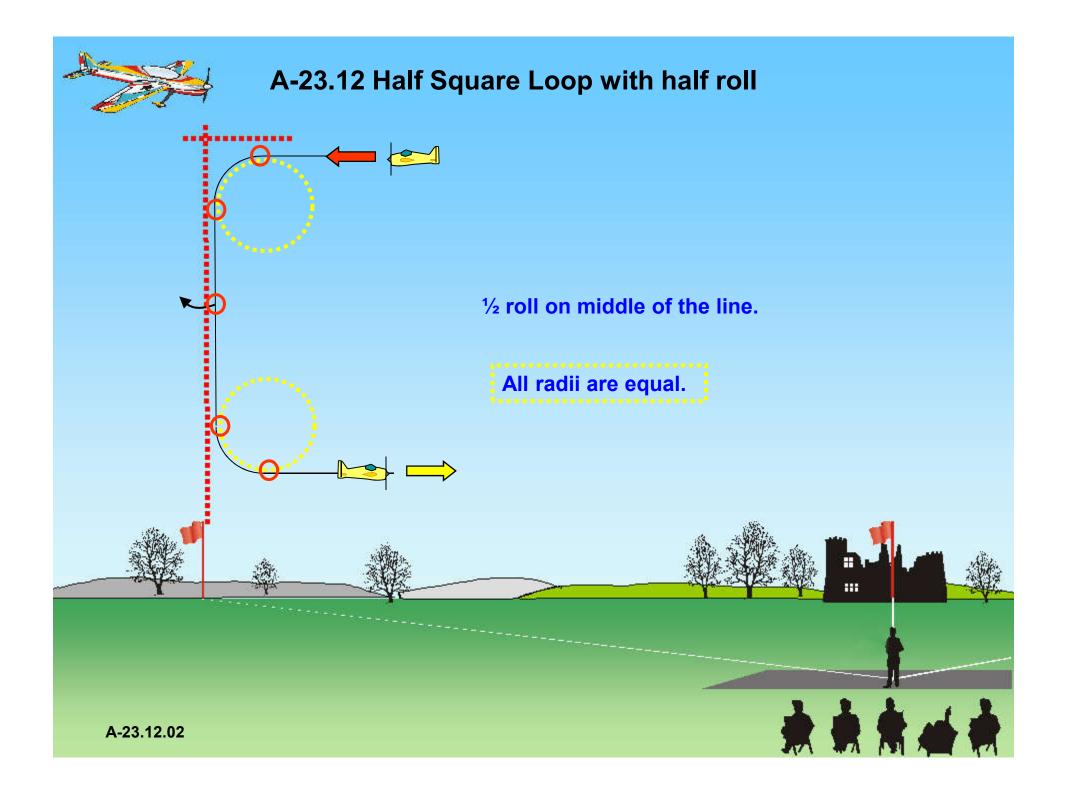






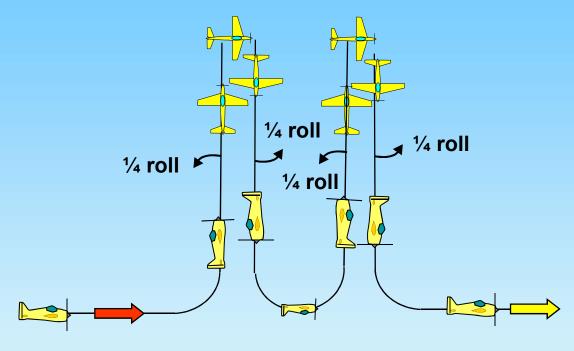


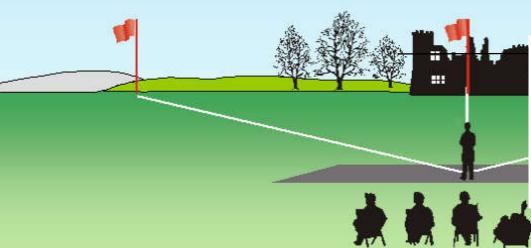
A-23.12 Half Square Loop with half roll ½ roll From upright push through a quarter loop into a vertical downline, perform a half roll, pull through a quarter loop, exit upright. * * * A-23.12.01



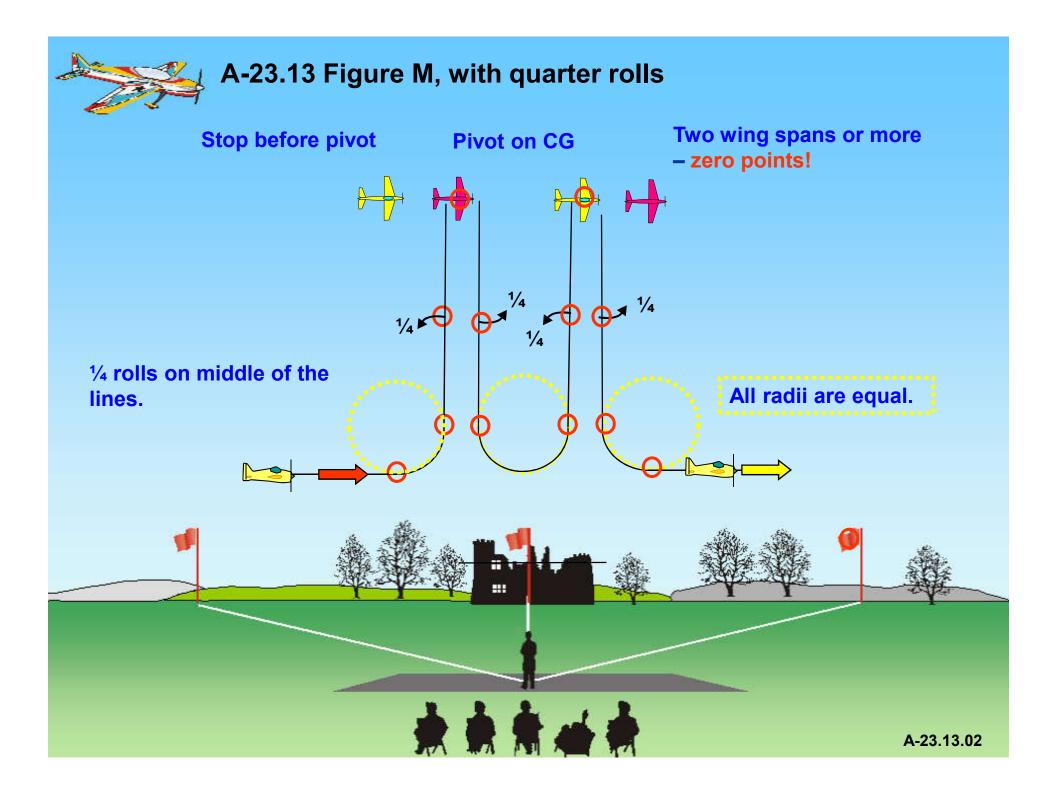


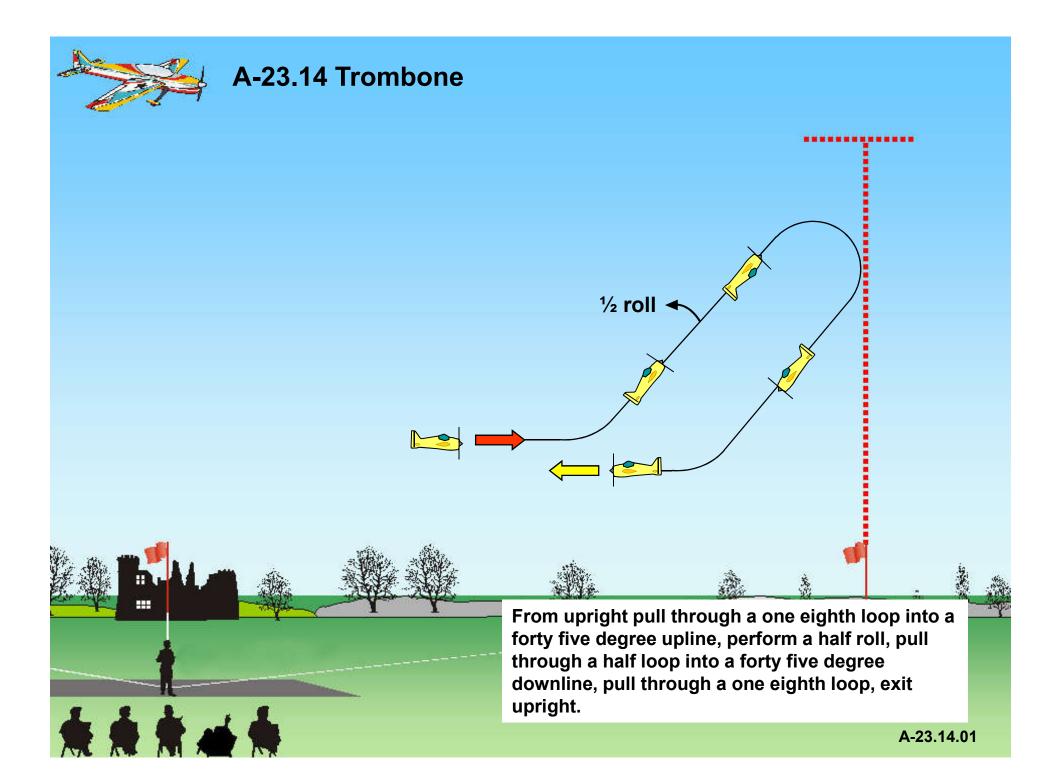
A-23.13 Figure M, with quarter rolls

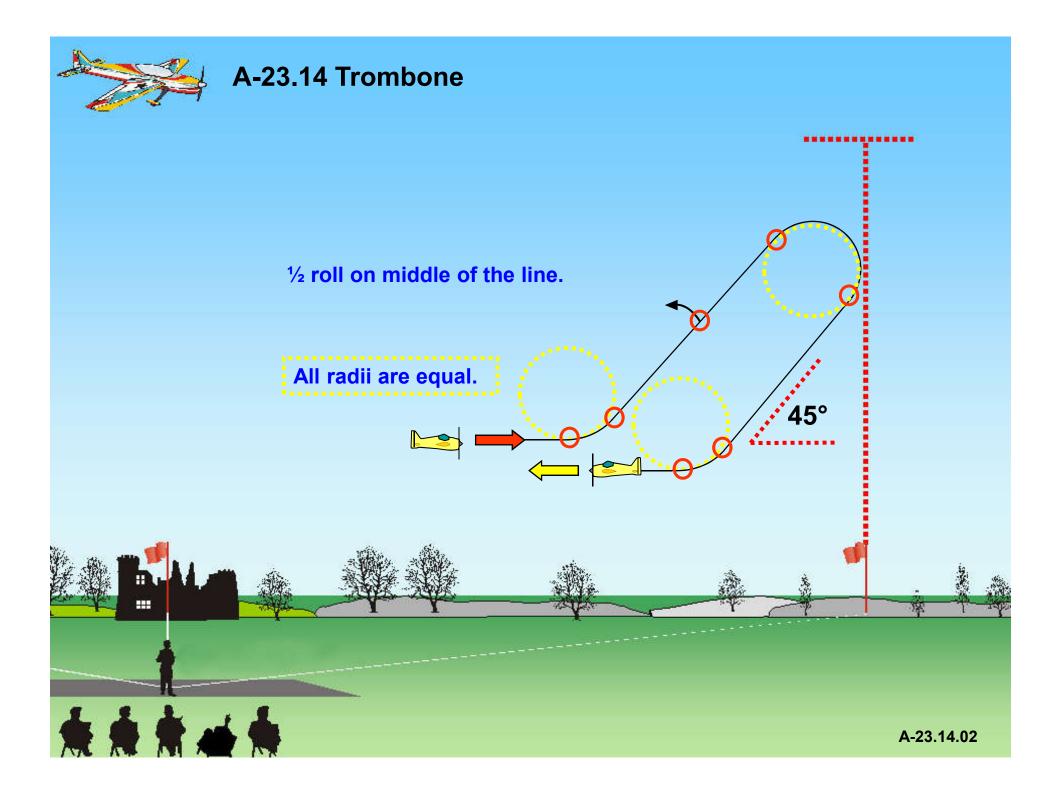




From upright pull through a quarter loop into a vertical upline, perform a quarter roll, perform a stall turn into a vertical downline, perform a quarter roll, push through a half loop into a vertical upline, perform a quarter roll, perform a stall turn to a vertical downline, perform a quarter roll,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

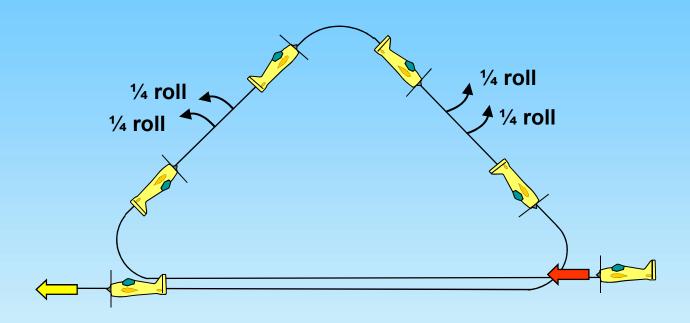


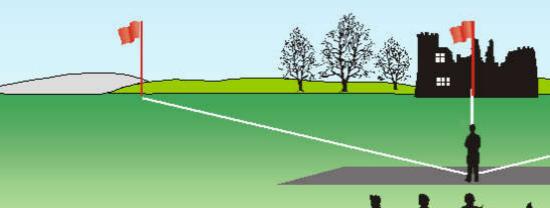






A-23.15 Triangle with two consecutive quarter rolls, two consecutive quarter rolls



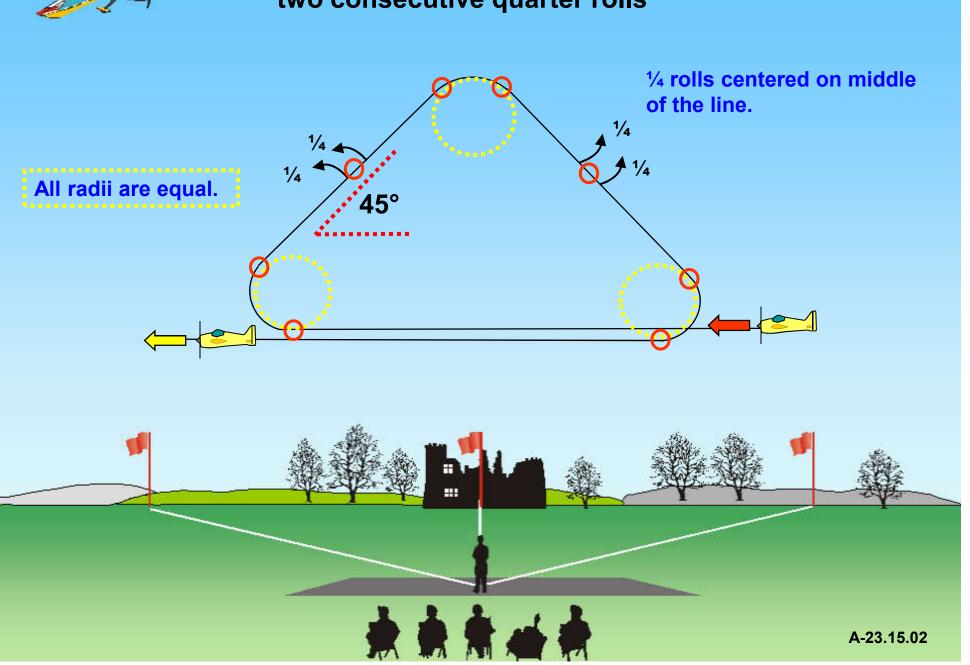


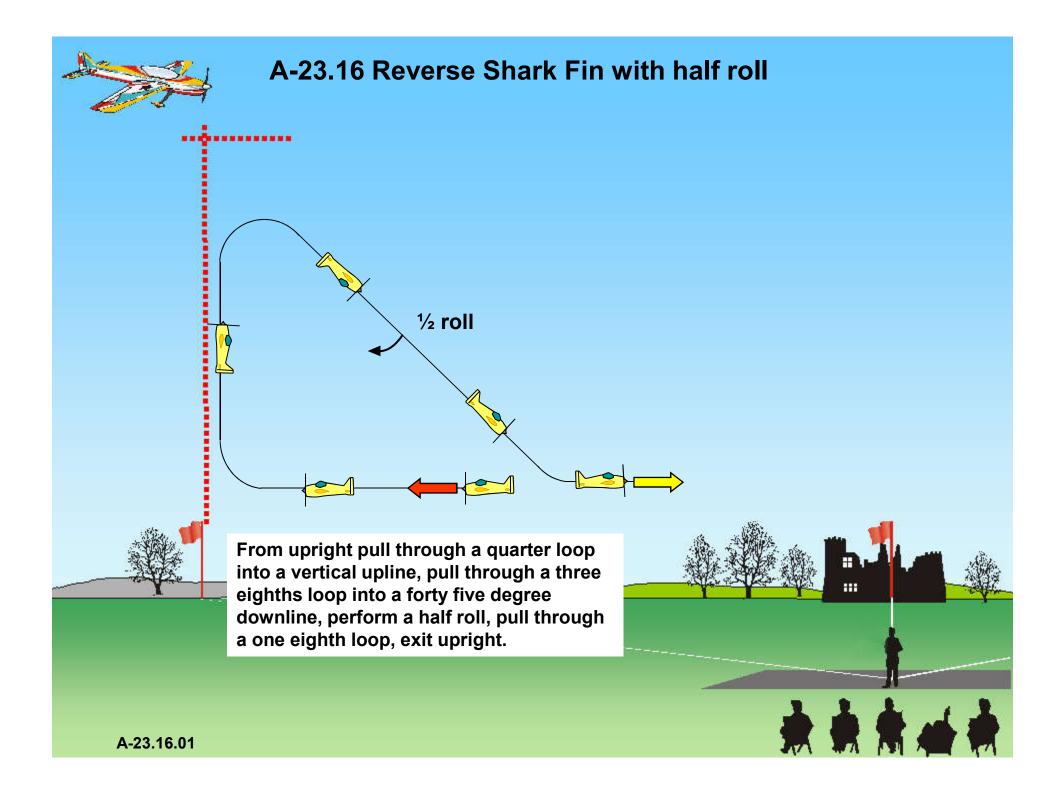
From upright, pull through a three eighths loop into a forty five degree upline, perform consecutively two quarter rolls, push through quarter loop into a forty five degree downline, perform consecutively two quarter rolls, pull through a three eighths loop, exit upright.

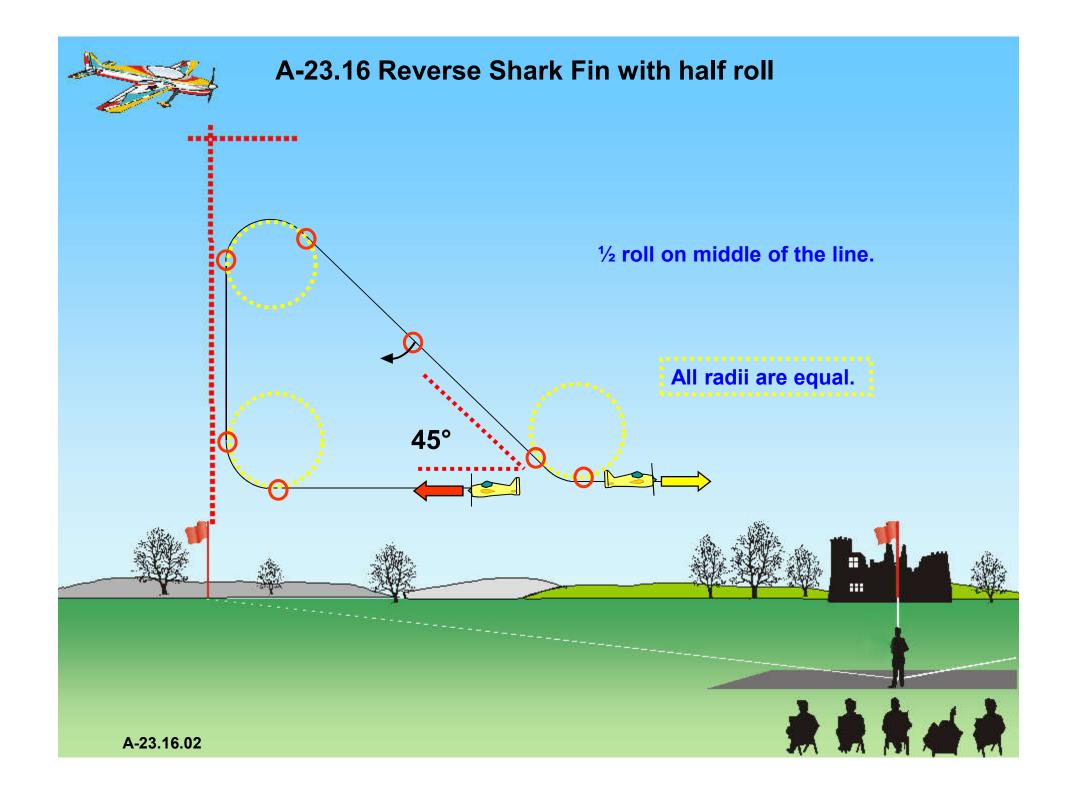




A-23.15 Triangle with two consecutive quarter rolls, two consecutive quarter rolls

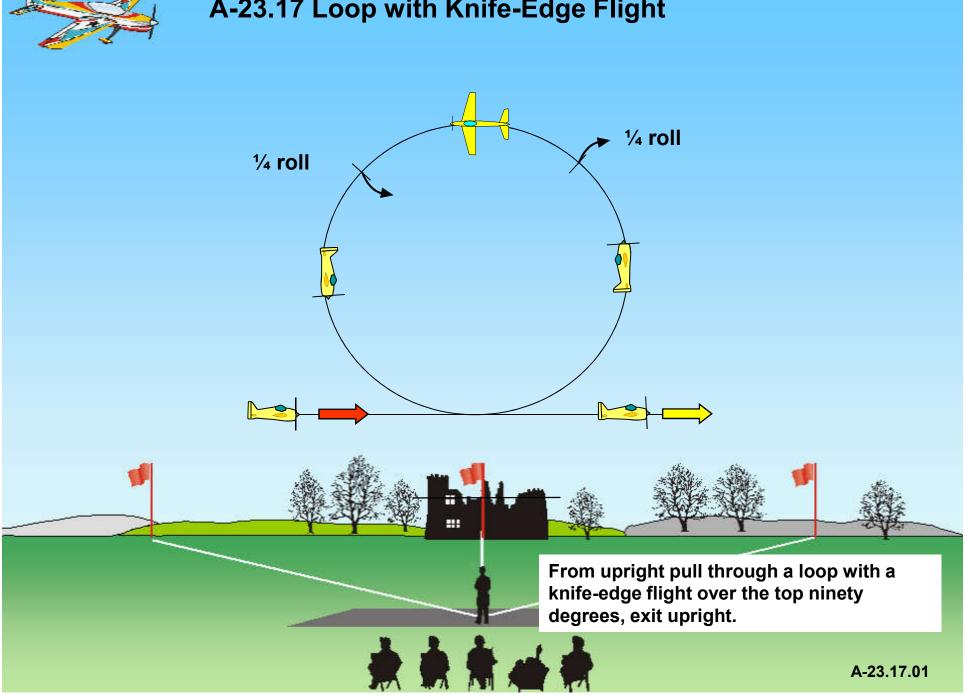


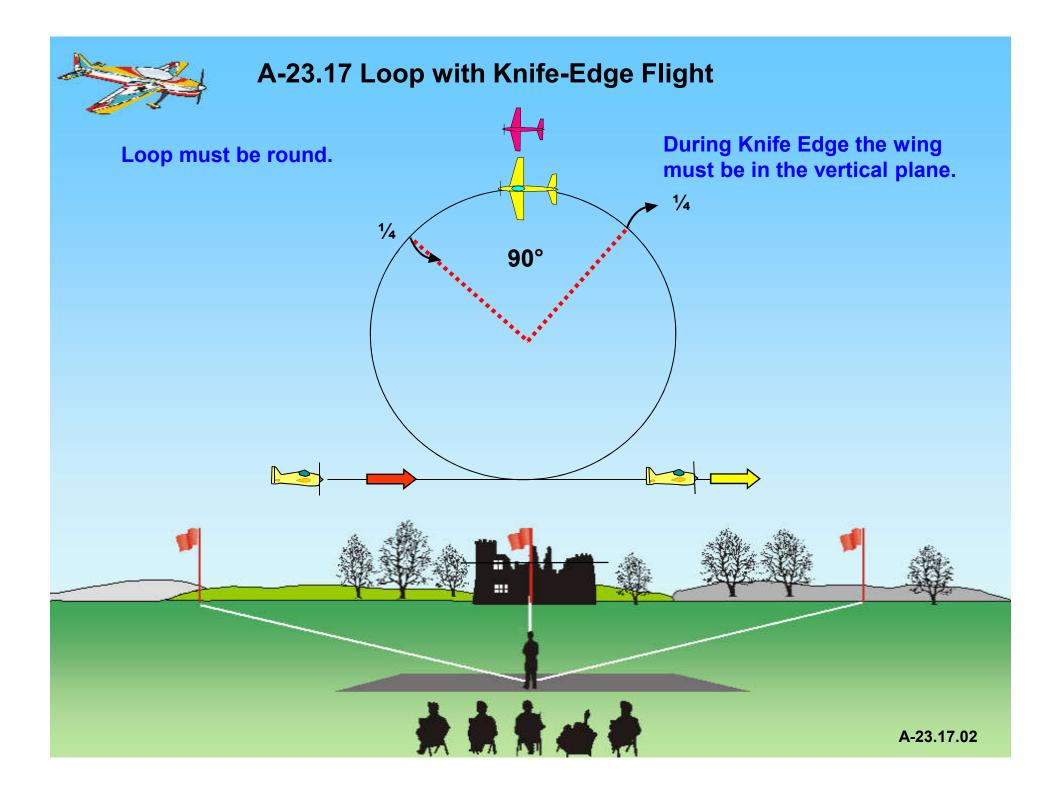






A-23.17 Loop with Knife-Edge Flight





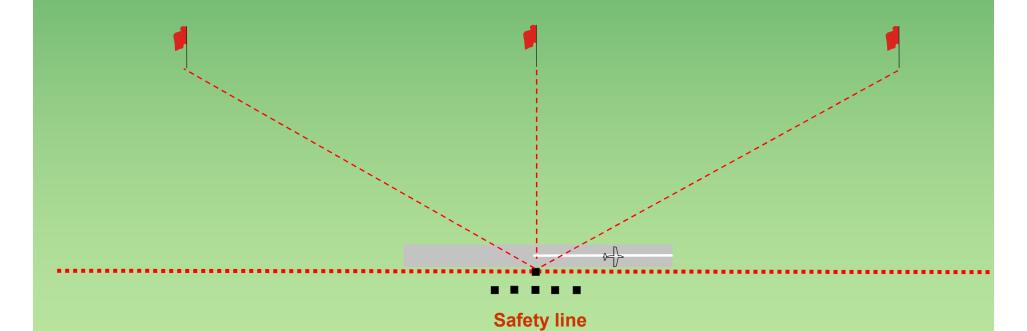


Landing procedure

(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



Thank you!

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