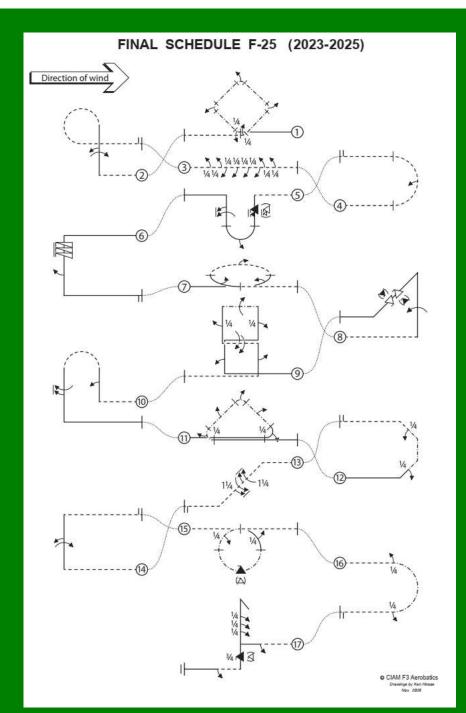
Flying and Judging F3A



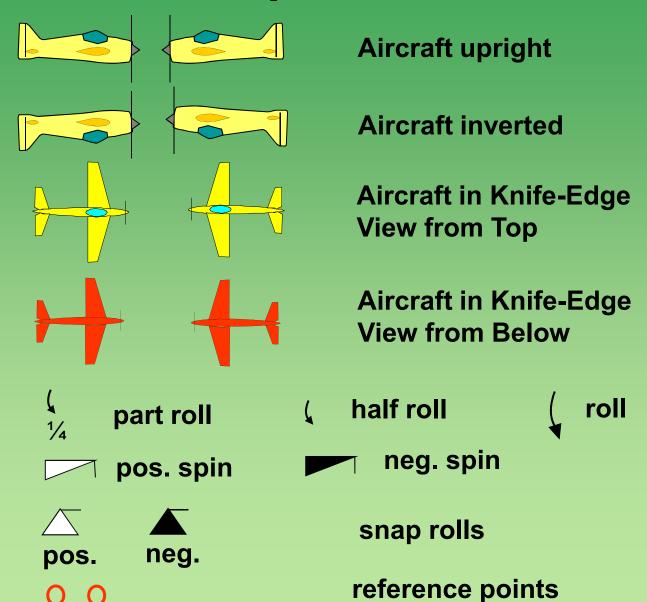
SCHEMATIC MANOEUVRE ILLUSTRATIONS
SCHEDULE F-25

FINAL SCHEDULE F-25 (2023-2025) Direction of wind © CIAM F3 Aerobatics Drawings by Ken Hirose Nov. 2020



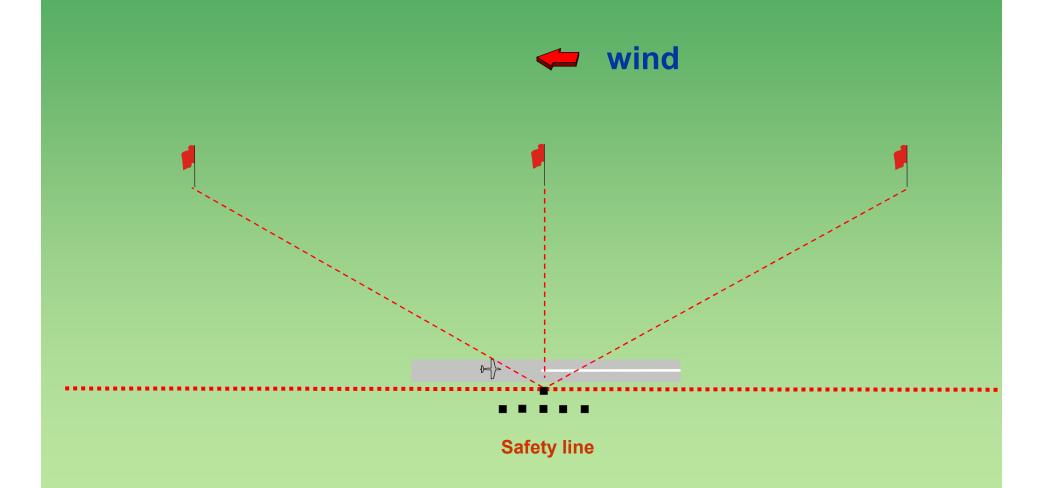


Explanations:



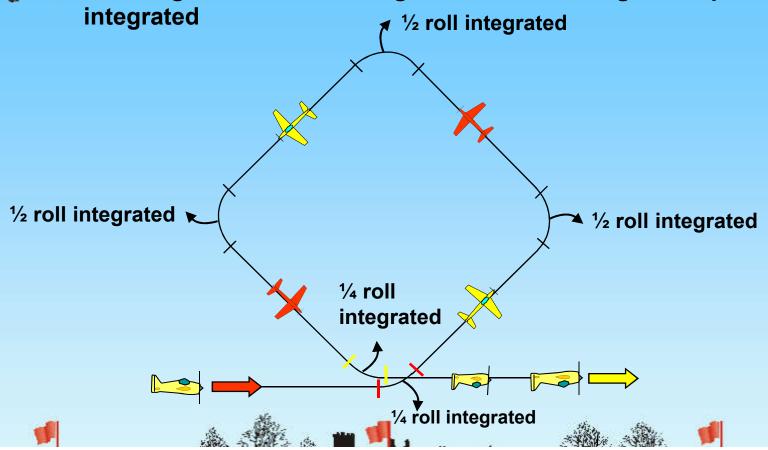


Take-off procedure (not judged, not scored)

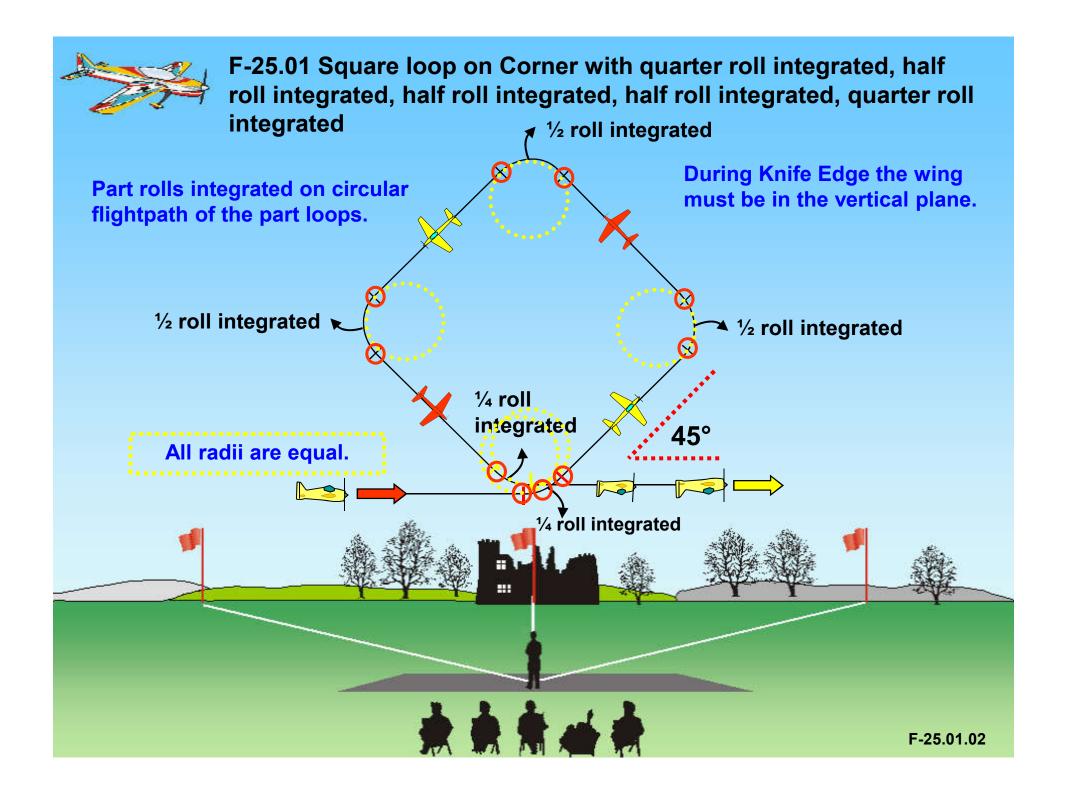




F-25.01 Square loop on Corner with quarter roll integrated, half roll integrated, half roll integrated, half roll integrated, quarter roll



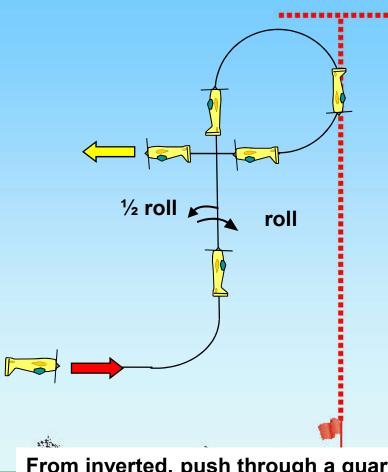
From upright, pull through a one eighth loop with quarter roll integrated into a forty-five degree knife-edge upline, perform a quarter knife-edge loop with half roll integrated into a forty five degree knife-edge upline, perform a quarter knife-edge loop with half roll integrated into a forty five degree knife-edge downline, perform a quarter knife-edge loop with half roll integrated into a forty five degree knife-edge downline, perform a one eighth knife-edge loop with quarter roll integrated, exit inverted.

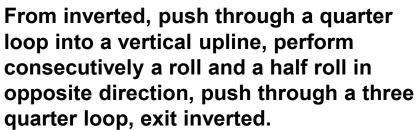




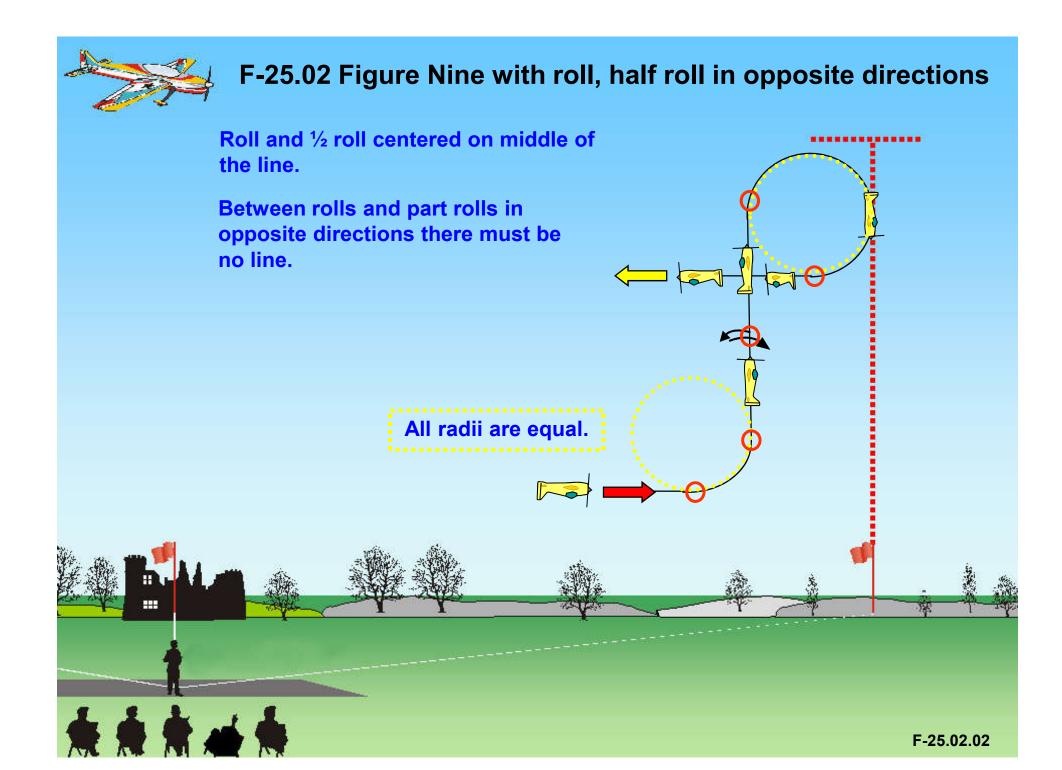
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F-25.02 Figure Nine with roll, half roll in opposite direction



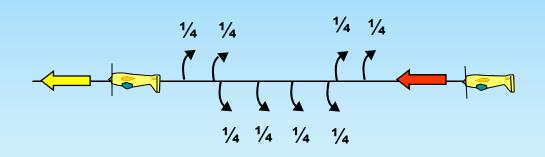








F-25.03 Roll Combination with consecutive two quarter rolls, four consecutive quarter rolls in opposite direction, two consecutive quarter rolls in opposite direction





From inverted, perform consecutively two consecutive quarter rolls, four consecutive quarter rolls in opposite direction, two consecutive quarter rolls in opposite direction, exit inverted.

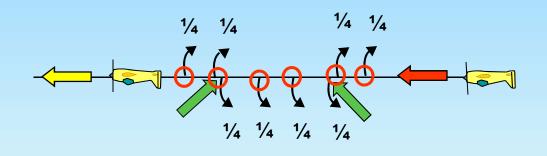




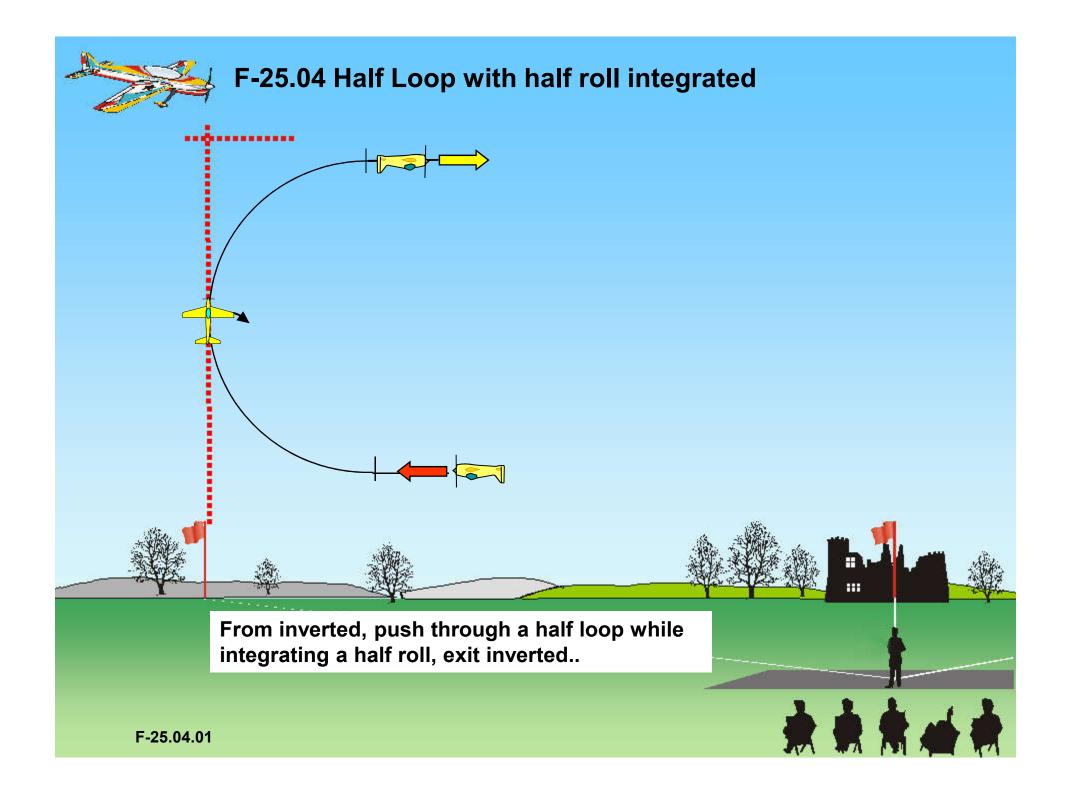
F-25.03 Roll Combination with consecutive two quarter rolls, four consecutive quarter rolls in opposite direction, two consecutive quarter rolls in opposite direction

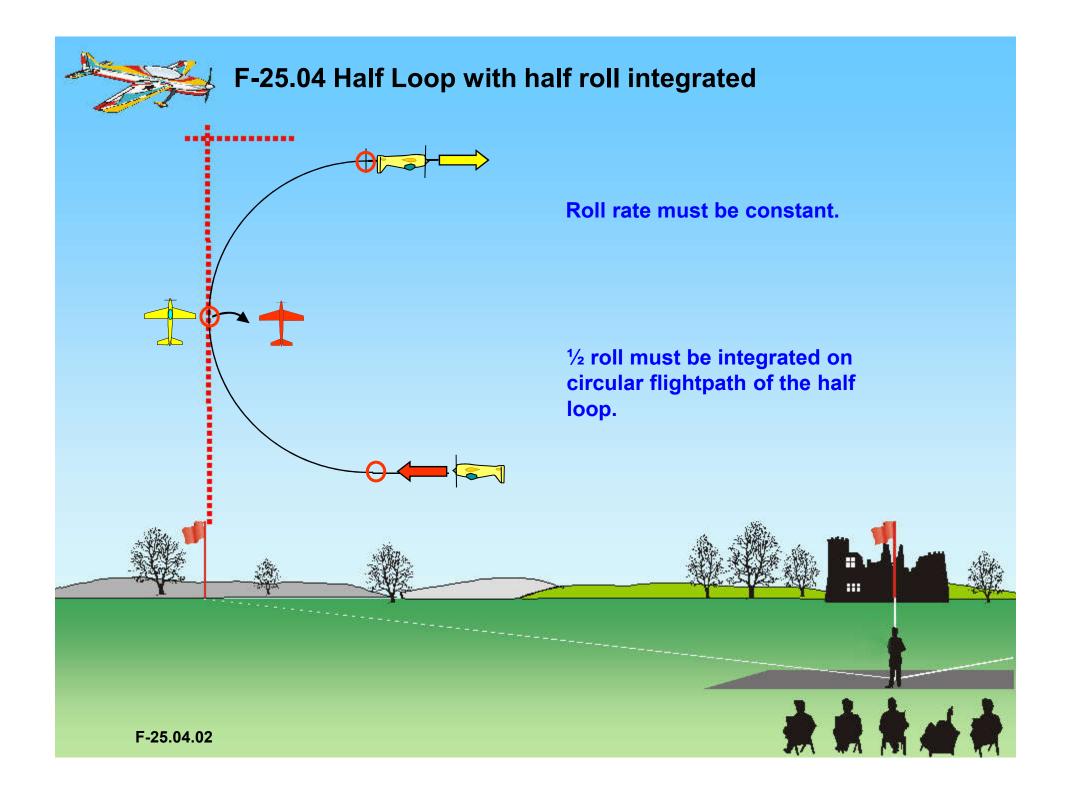
Lines between part rolls must be short and of equal length.

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



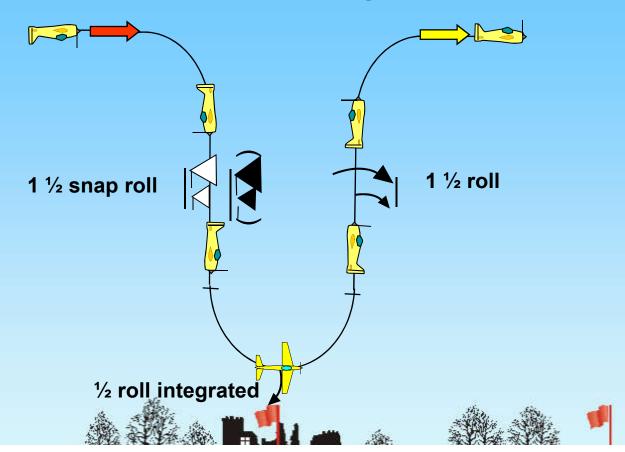






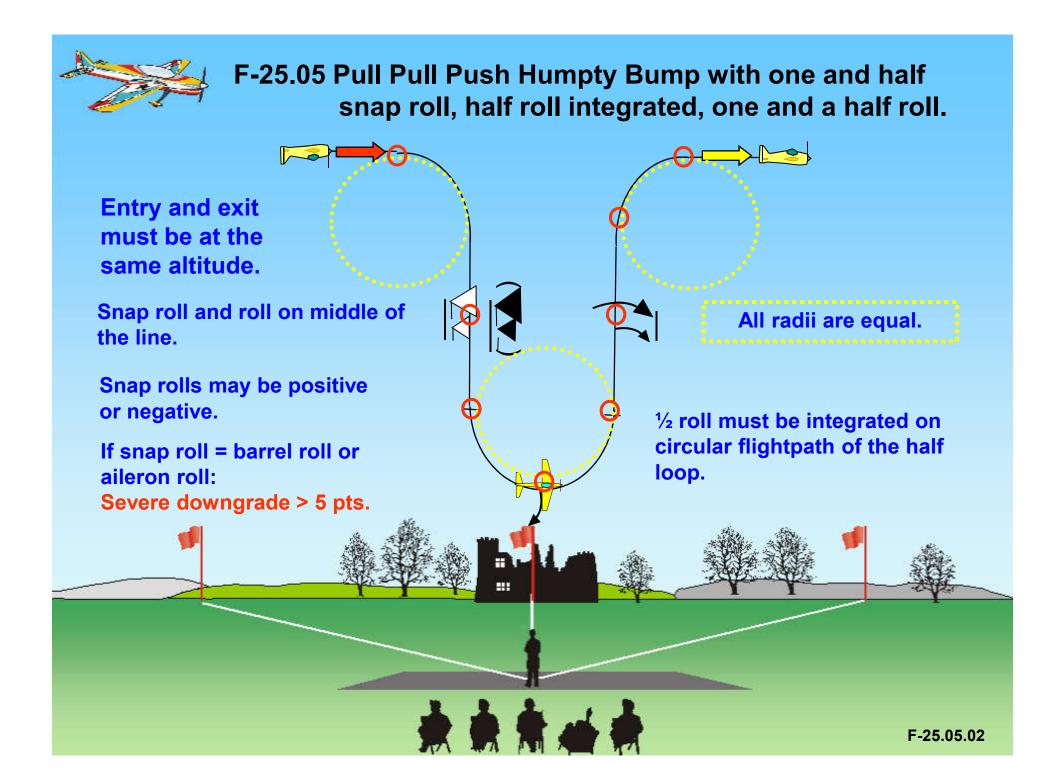


F-25.05 Pull Pull Push Humpty Bump with one and half snap roll, half roll integrated, one and a half roll.



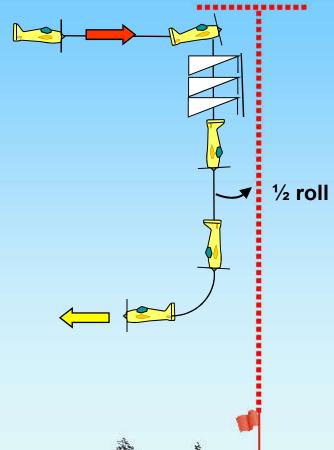
From inverted, before centre pull through a quarter loop into a vertical downline, perform one and a half snap roll, pull through a half loop with half roll integrated into a vertical upline, perform one and a half continuous roll, push through a quarter loop, exit upright.





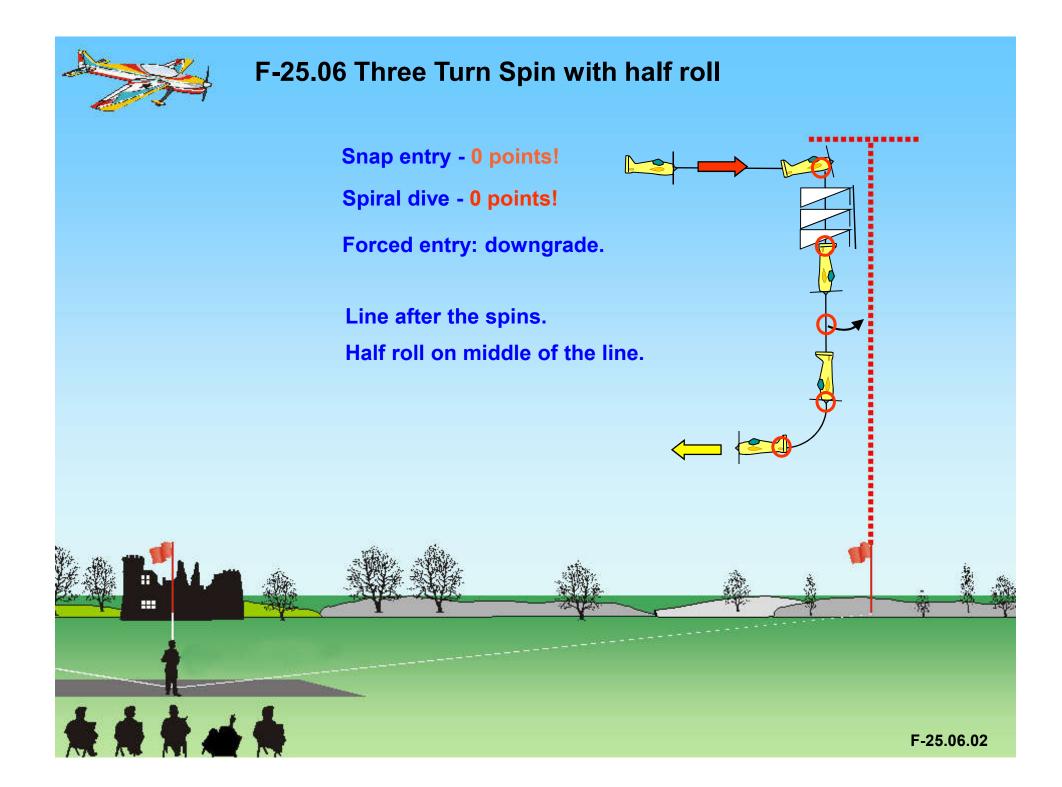


F-25.06 Three Turn Spin with half roll



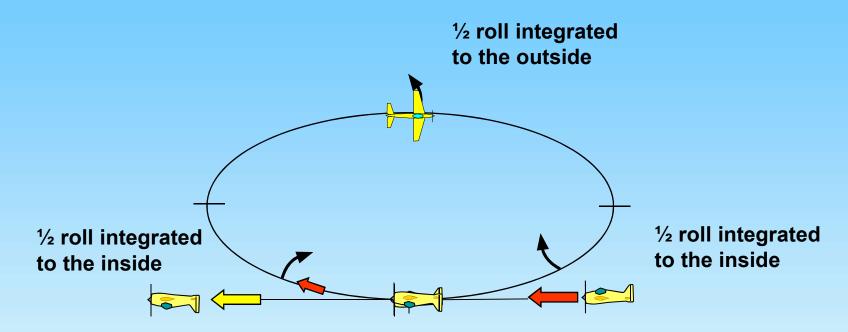








F-25.07 Horizontal Circle with three half rolls in opposite direction integrated



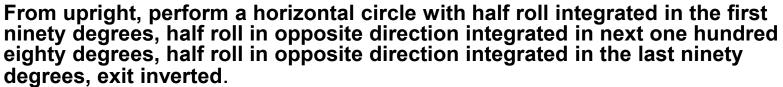










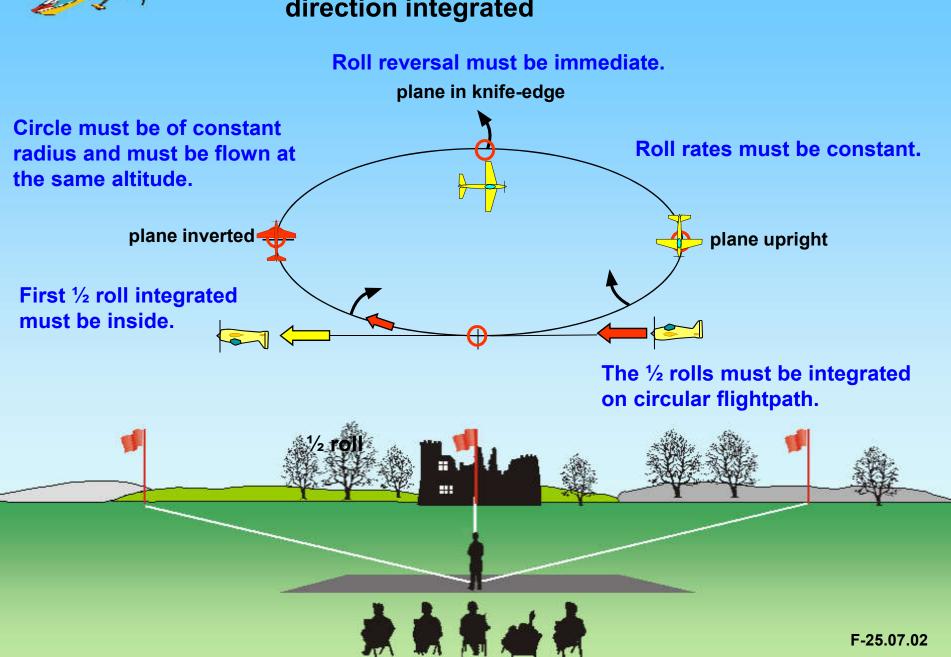


Note: First half roll is to the inside.

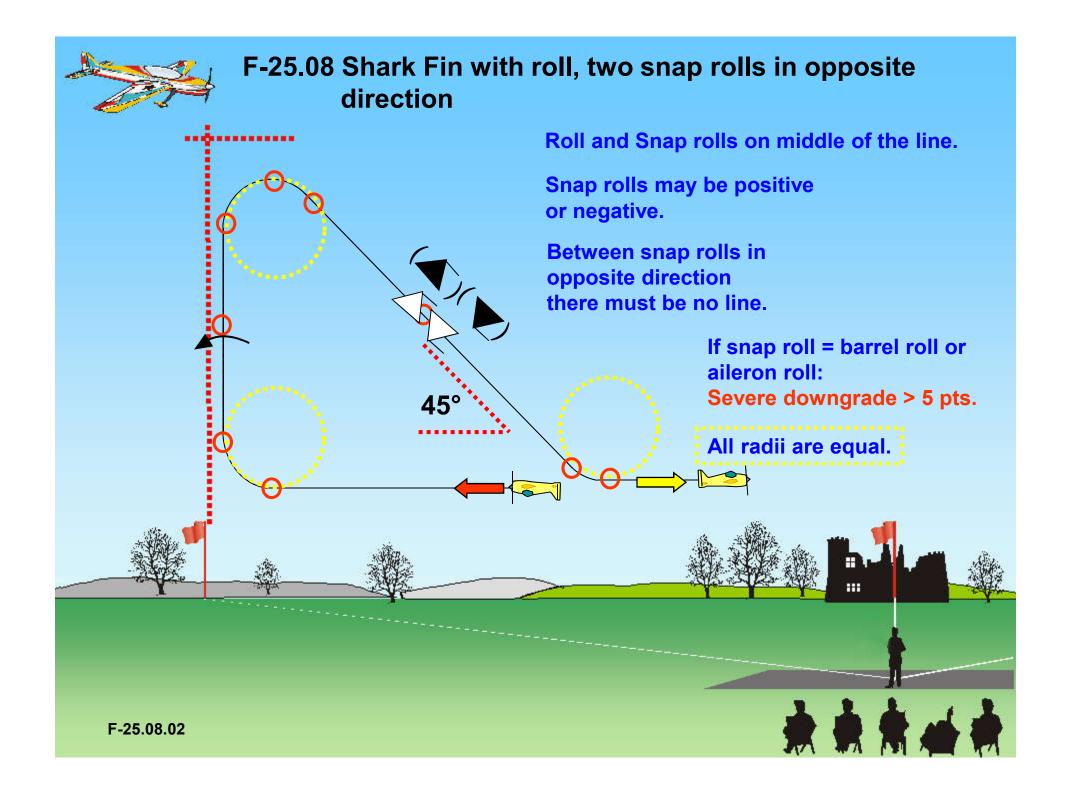




F-25.07 Horizontal Circle with three half rolls in opposite direction integrated

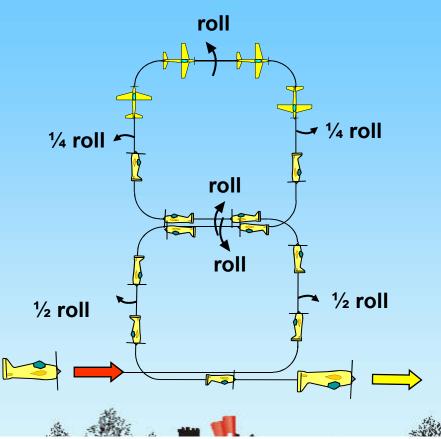


F-25.08 Shark Fin with roll, two snap rolls in opposite direction Two snap rolls opposite roll From inverted, push trough a quarter loop into a vertical upline, perform a roll, push through a three eighths loop into a forty-five degree downline, perform consecutively two snap rolls in opposite direction, pull through a one eighth loop, exit ** upright. F-25.08.01



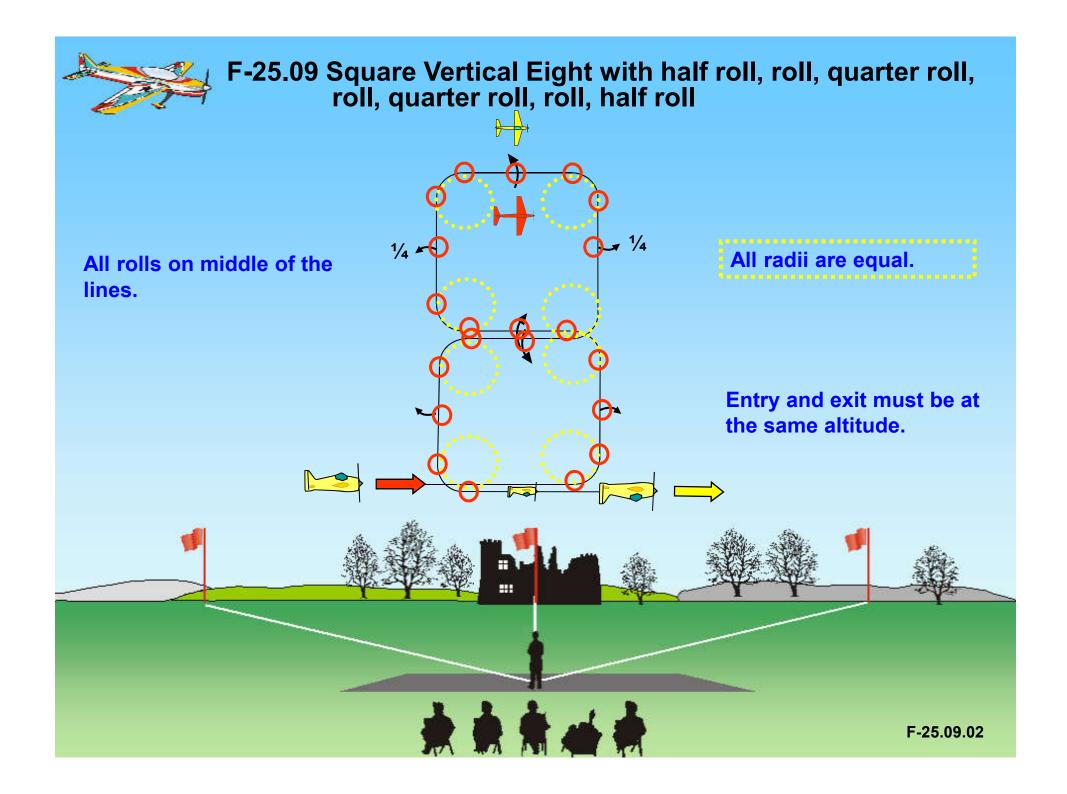


F-25.09 Square Vertical Eight with half roll, roll, quarter roll, roll, quarter roll, half roll



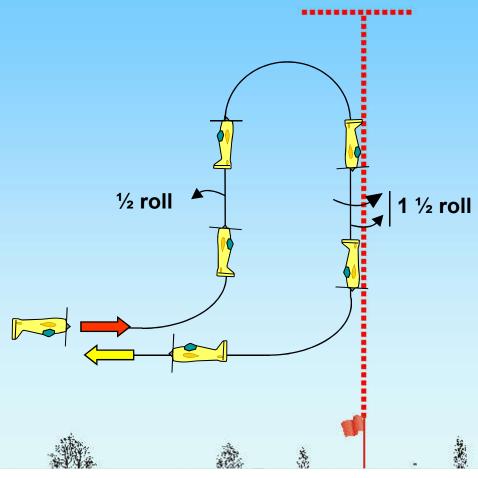
From upright, pull through a quarter loop into a vertical upline perform a half roll, push through a quarter loop, perform a roll, pull through a quarter loop into a vertical upline perform a quarter roll, perform a quarter knife edge loop (towards the center), perform a roll, perform a quarter knife-edge loop into a vertical downline, perform a quarter roll, push through a quarter loop, perform a roll, pull through a quarter loop into a vertical downline, perform a half roll, push through a quarter loop, exit inverted.



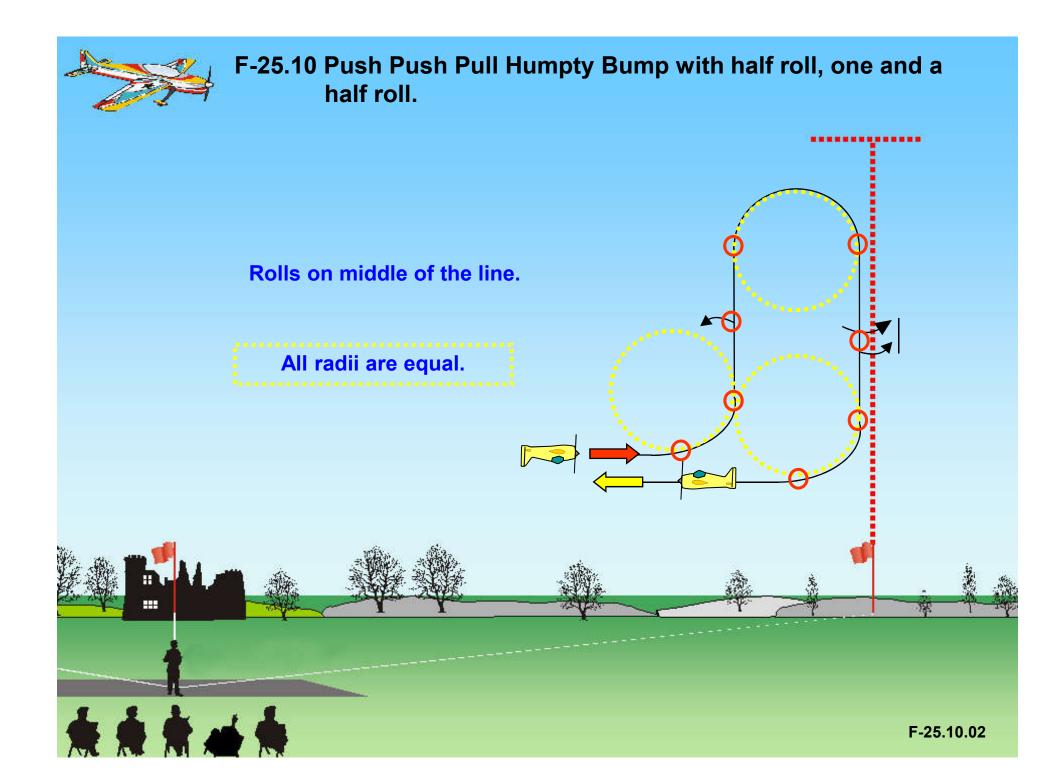




F-25.10 Push Pull Humpty Bump with half roll, one and a half roll.

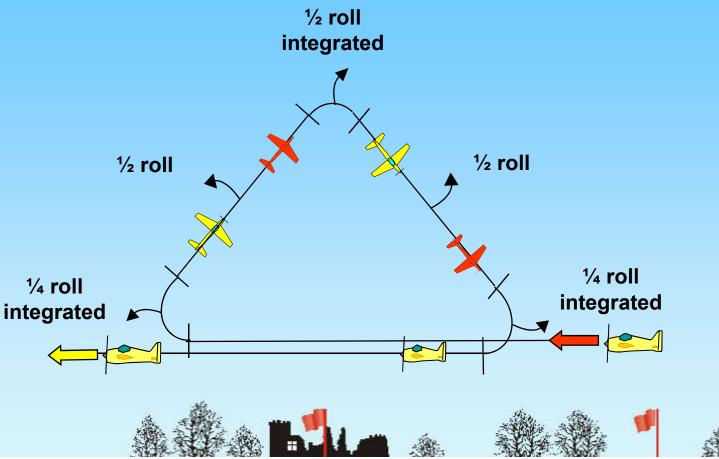


From inverted, push through quarter loop into a vertical upline, perform a half roll, push through a half loop into a vertical downline, perform one and a half continuous rolls, pull through quarter loop, exit upright. 乘乘索曲条



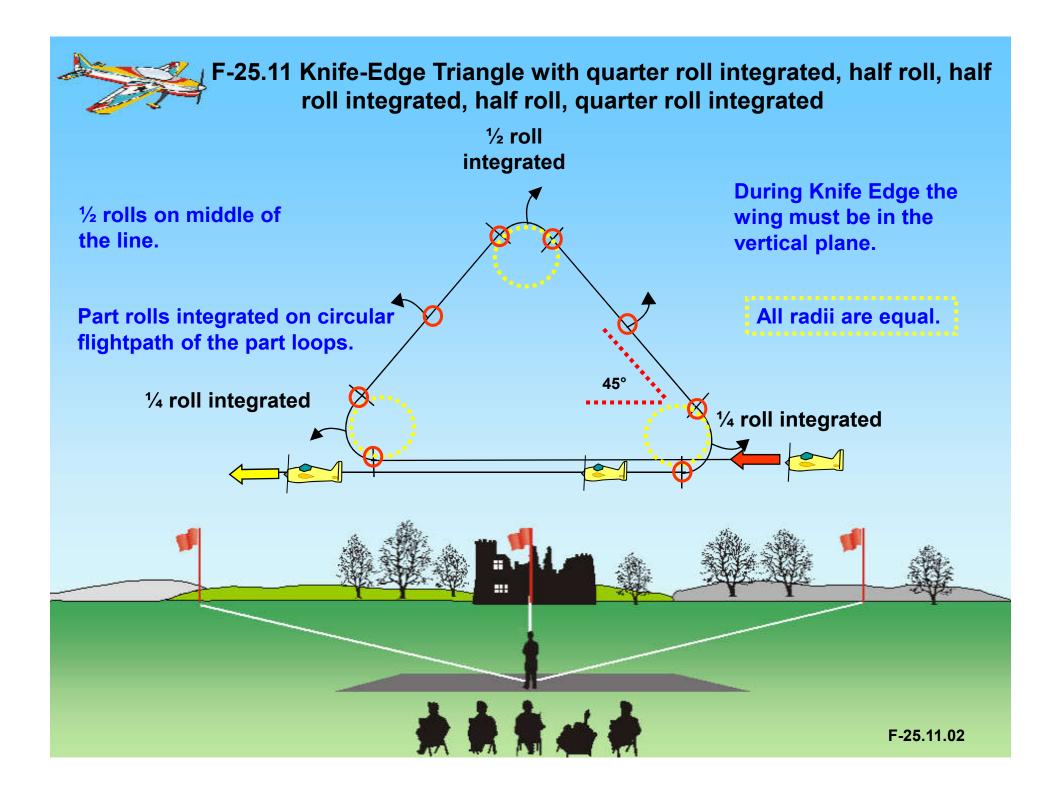


F-25.11 Knife-Edge Triangle with quarter roll integrated, half roll, half roll integrated



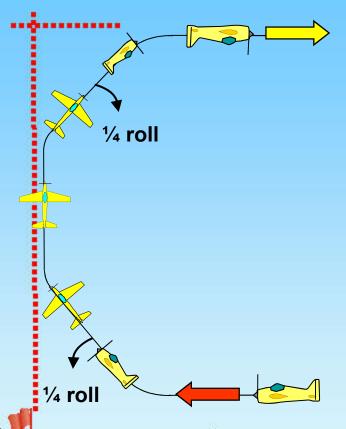
From upright, fly past center pull through a three eighths loop with quarter roll integrated into a forty-five degree knife-edge upline, perform a half roll, perform a quarter knife-edge loop with a half roll integrated into a forty-five degree knife-edge downline, perform a half roll, perform a three eighths knife-edge loop with a quarter roll integrated, exit upright.



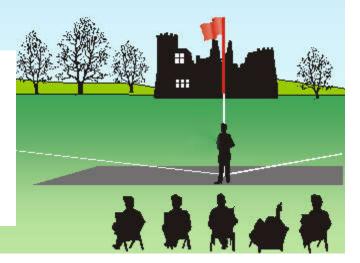


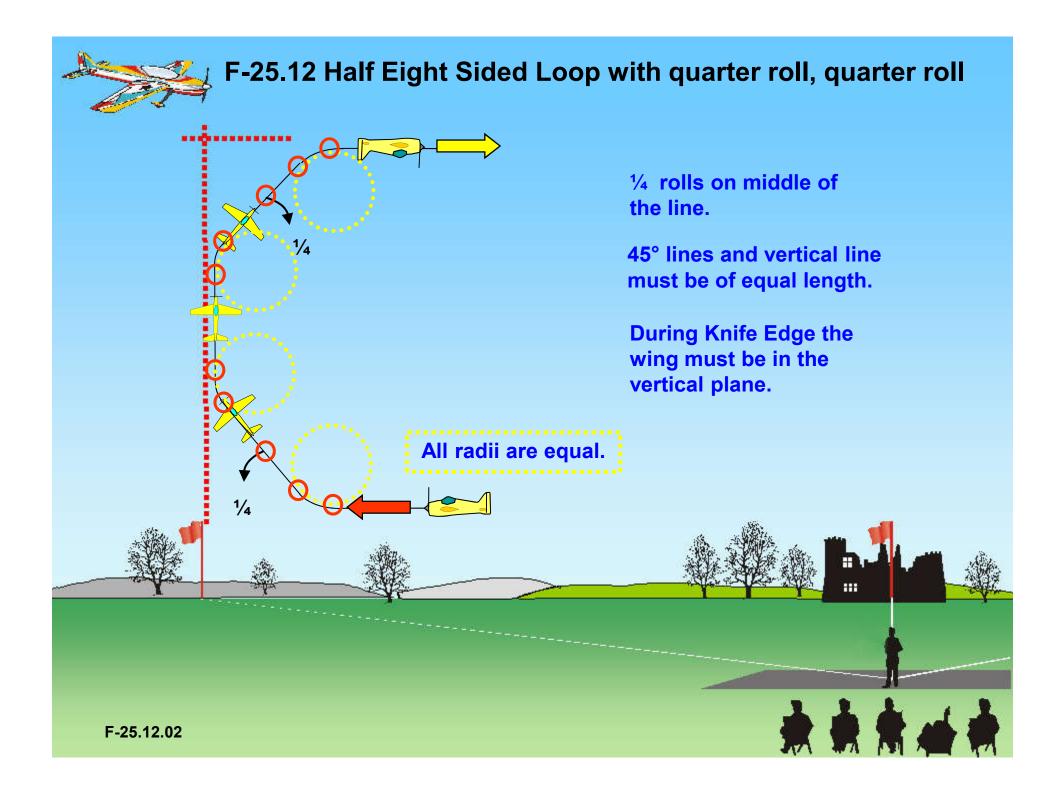
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F-25.12 Half Eight Sided Loop with quarter roll, quarter roll



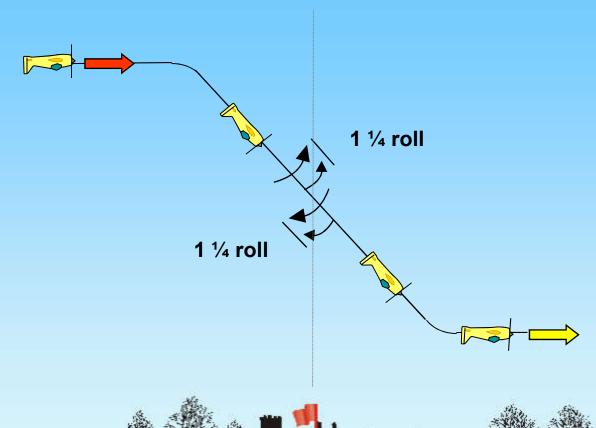
From upright, pull through a one eighth loop into a forty-five degree upline, perform a quarter roll, perform a one eighth knife-edge loop into a vertical upline, perform a one eighth knife-edge loop into a forty-five degree knife-edge upline, perform a quarter roll, pull through a one eighth loop, exit inverted.





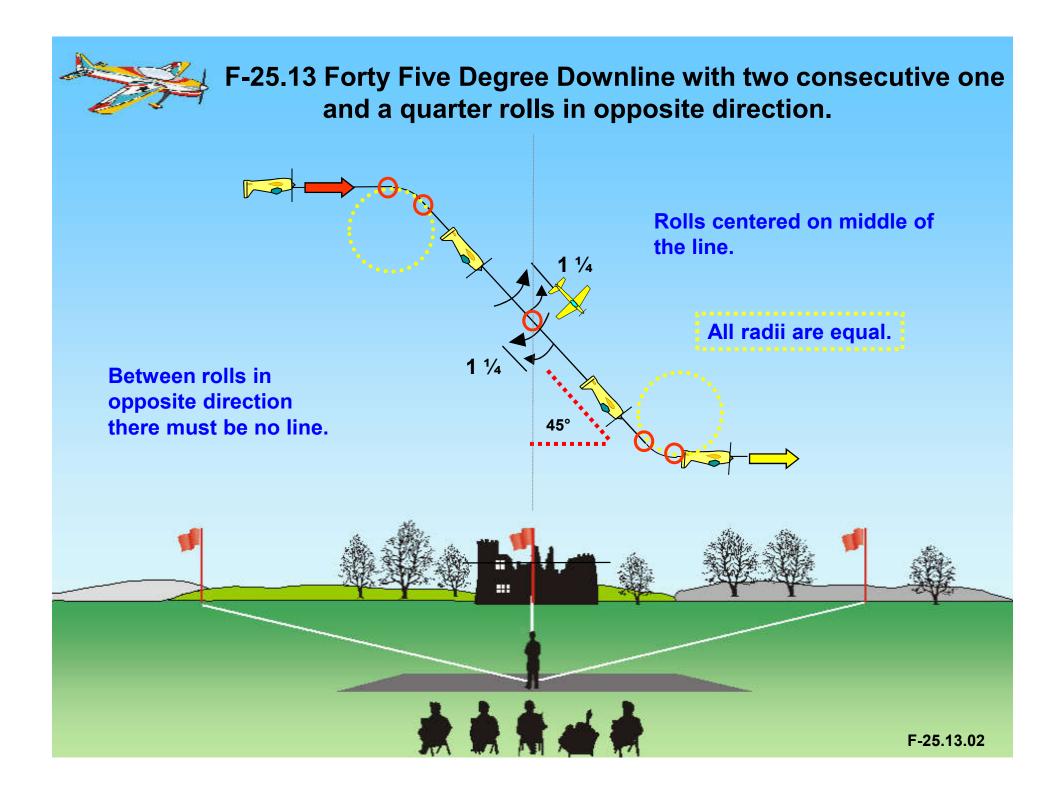


F-25.13 Forty Five Degree Downline with two consecutive one and a quarter rolls in opposite direction.



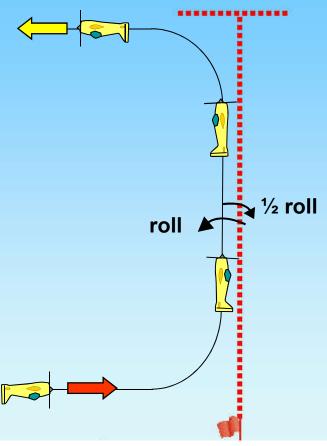
From inverted, pull through a one eighth loop into a forty five degree downline, perform consecutively two one and a quarter rolls in opposite direction, push through a one eighth loop, exit inverted.

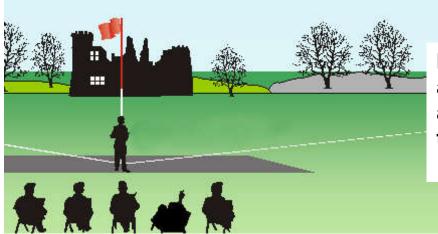






F-25.14 Half Square Loop with roll, half roll in opposite direction





From inverted, push through a quarter loop into a vertical upline, perform consecutively a roll and a half roll in opposite direction, pull through a quarter loop, exit inverted.

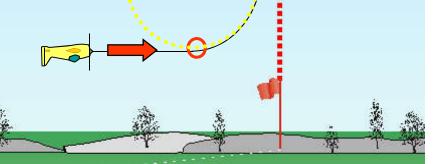


F-25.14 Half Square Loop with roll, half roll in opposite direction

Rolls centered on middle of the line.

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

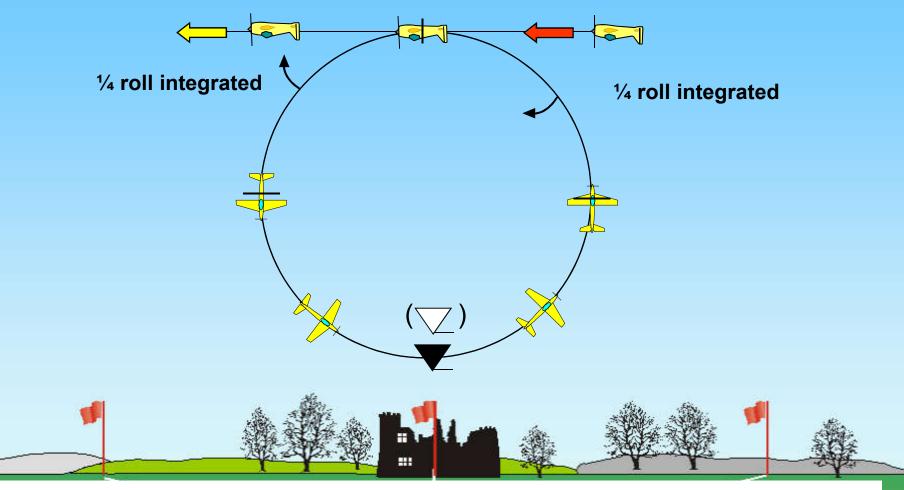
All radii are equal.





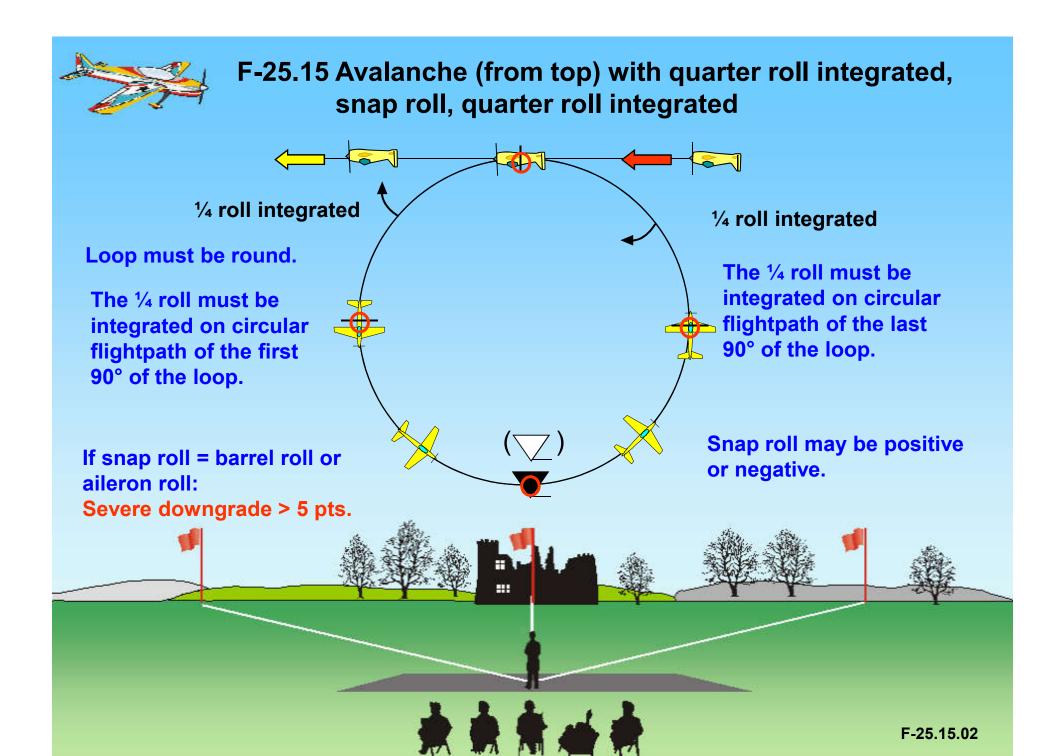


F-25.15 Avalanche (from top) with quarter roll integrated, snap roll, quarter roll integrated

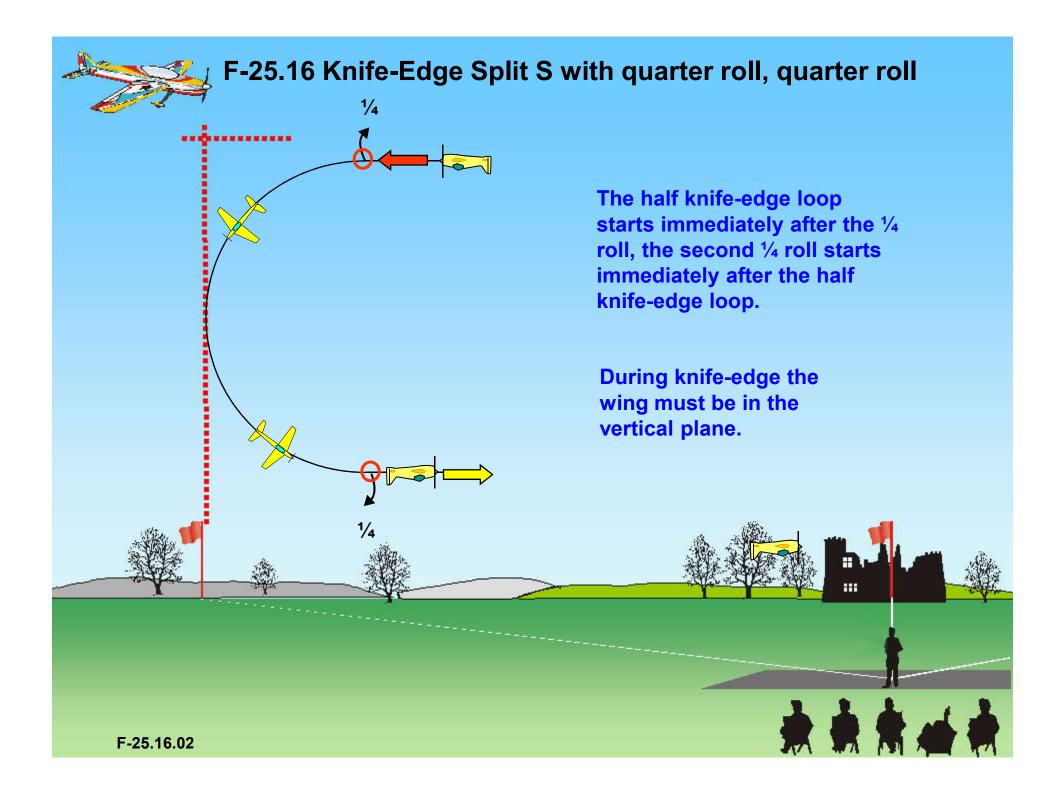


From inverted, pull through a loop, perform a quarter roll integrated in the first ninety degrees of the loop, perform a snap roll at the bottom of the loop, perform a quarter roll integrated in last ninety degrees of the loop, exit inverted.



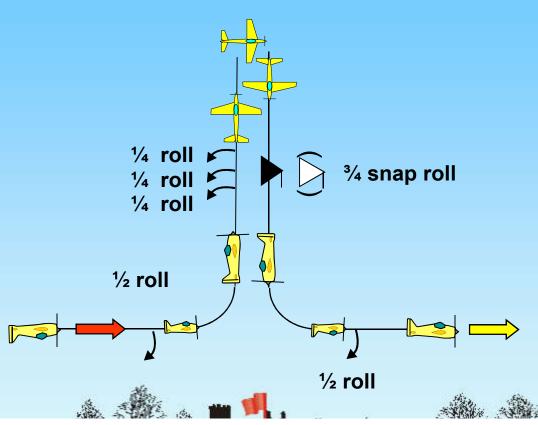


F-25.16 Knife.Edge Split S with quarter roll, quarter roll 1/4 roll 1/4 roll From inverted, perform a quarter roll, immediately perform a half knife-edge loop down, immediately perform a quarter roll, exit inverted. 素素素素素 F-25.16.01





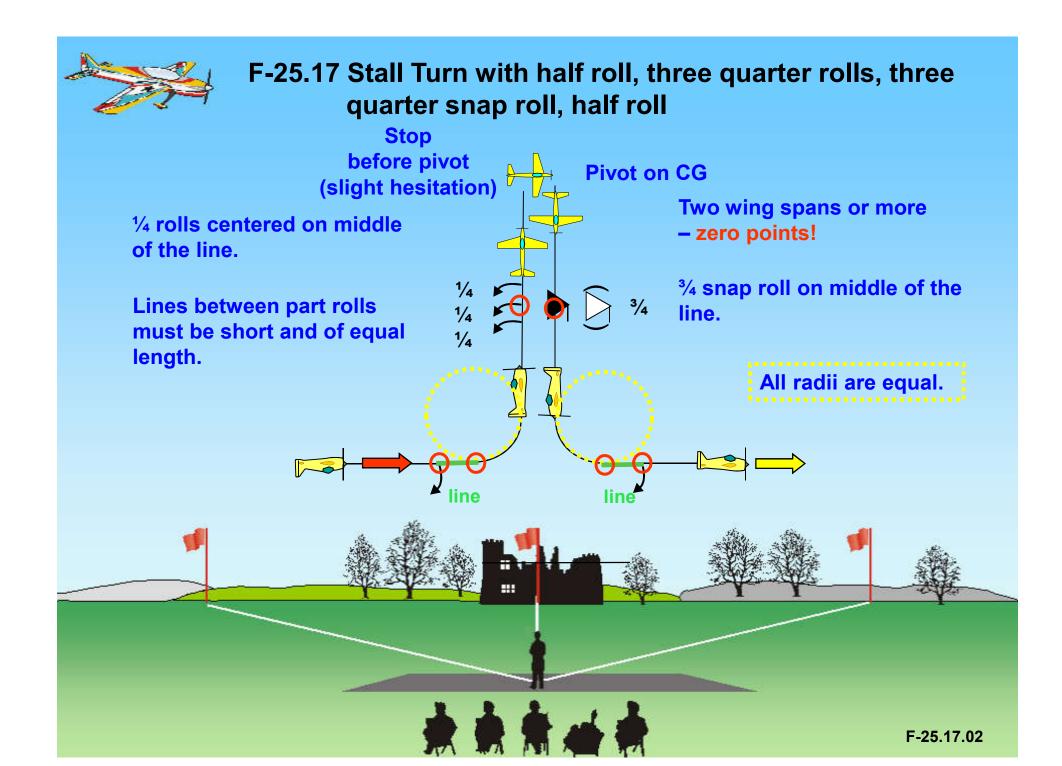
F-25.17 Stall Turn with half roll, three quarter rolls, three quarter snap roll, half roll



From inverted, perform a half roll, pull through a quarter loop into a vertical upline, perform three consecutive quarter rolls, perform a stall turn into a vertical downline, perform a three quarter snap roll, push through a quarter loop, perform a half roll, exit upright.

Note: Exit starts after the last half roll.





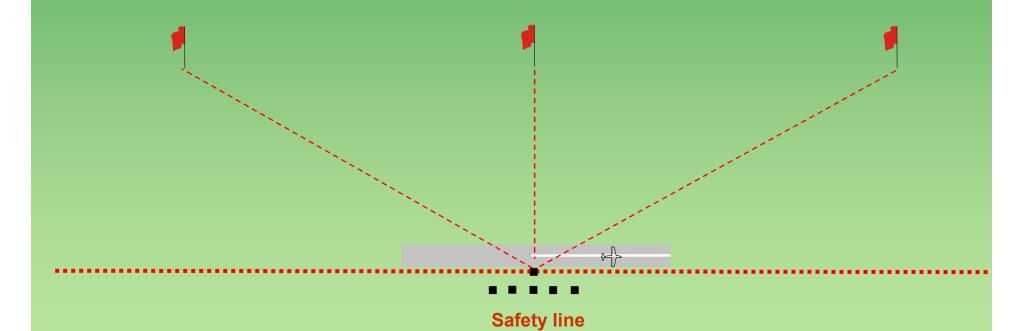


Landing procedure

(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



Thank you!

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