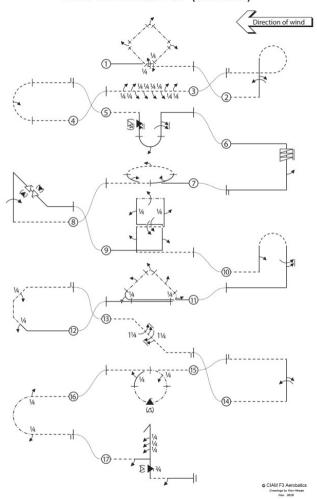
# Flying and Judging F3A

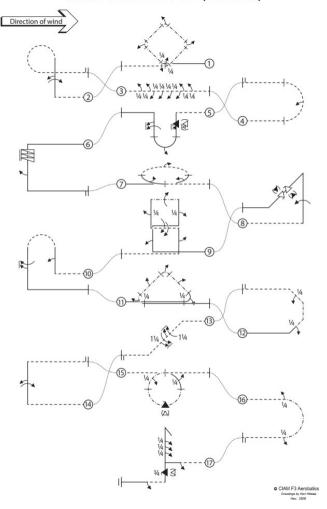


SCHEMATIC MANOEUVRE ILLUSTRATIONS
SCHEDULE F-25

#### FINAL SCHEDULE F-25 (2023-2025)

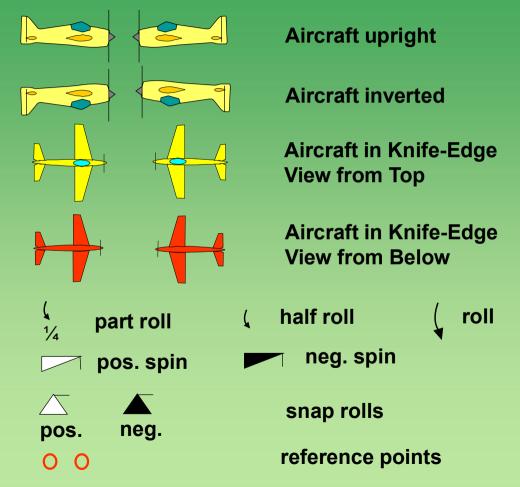


#### FINAL SCHEDULE F-25 (2023-2025)



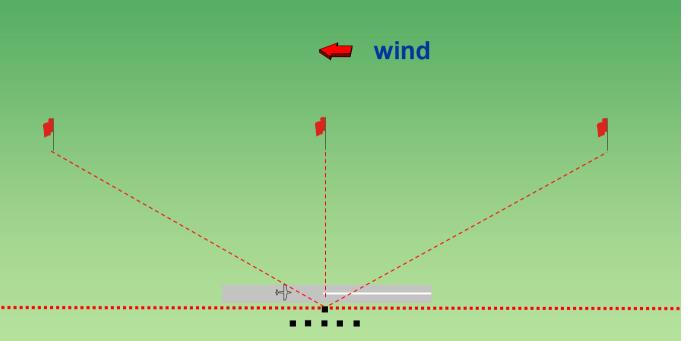


#### **Explanations:**





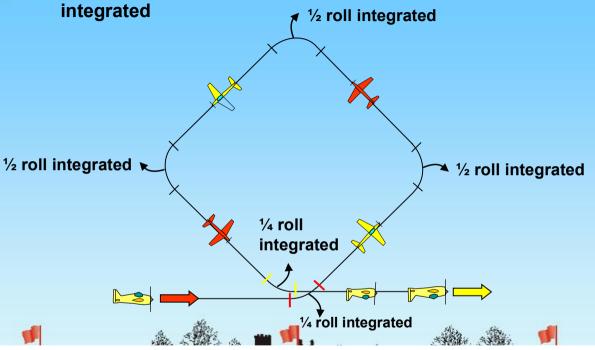
## Take-off procedure ( not judged, not scored )



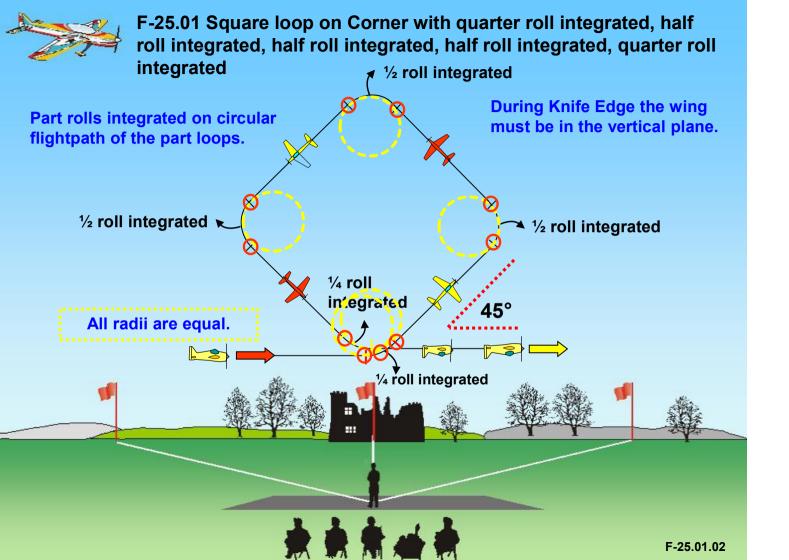
Safety line



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

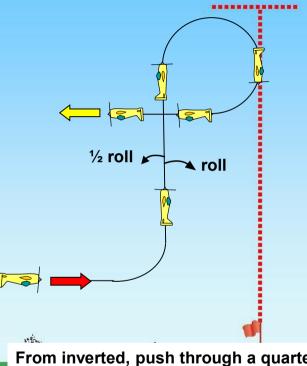


From upright, pull through a one eighth loop with quarter roll integrated into a forty-five degree knife-edge upline, perform a quarter knife-edge loop with half roll integrated into a forty five degree knife-edge upline, perform a quarter knife-edge loop with half roll integrated into a forty five degree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





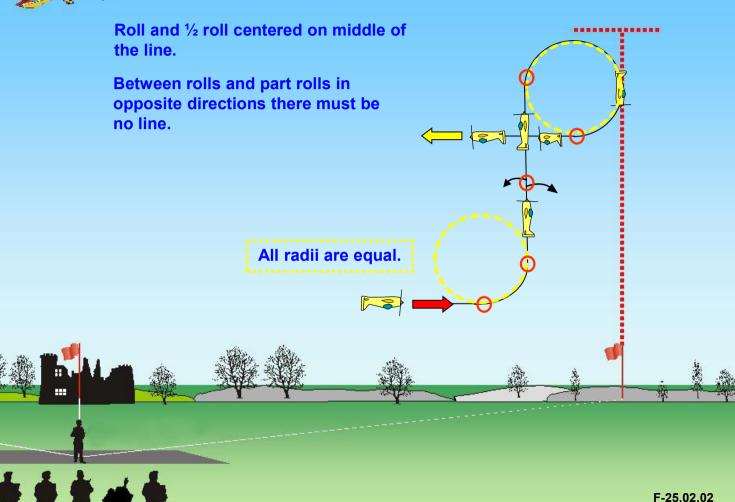
#### F-25.02 Figure Nine with roll, half roll in opposite directions



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

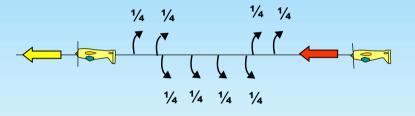


#### F-25.02 Figure Nine with roll, half roll in opposite directions





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.

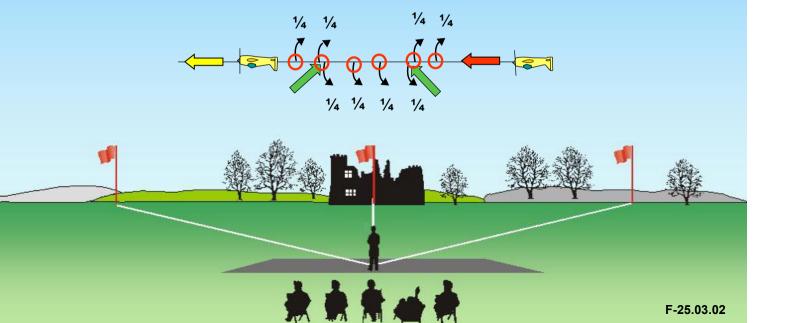


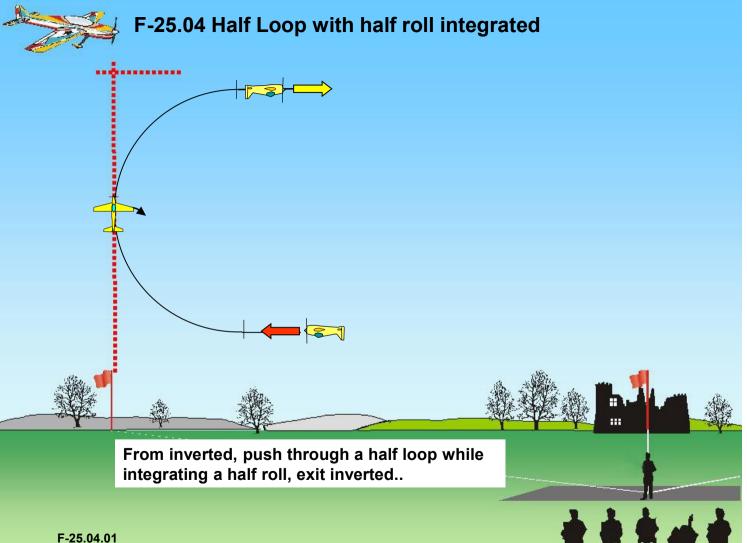


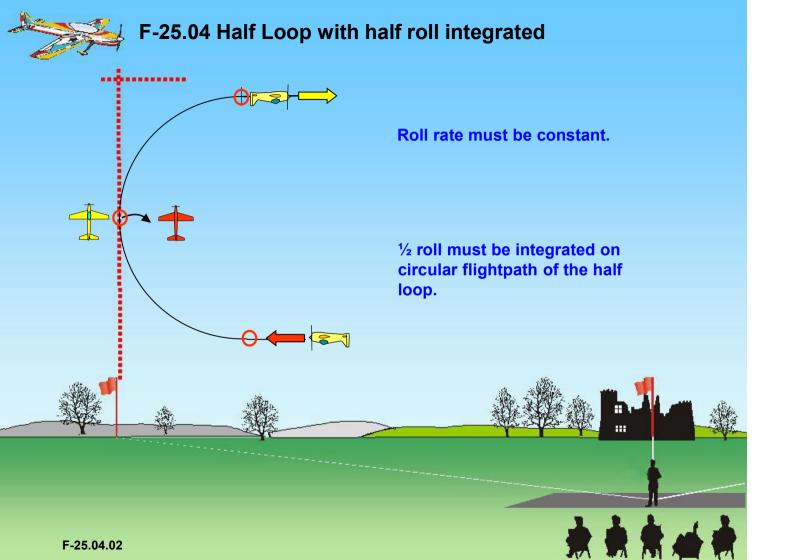
## F-25.03 Roll Combination with consecutive two quarter rolls, four consecutive quarter rolls in opposite direction, two consecutive quarter rolls in opposite direction

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

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

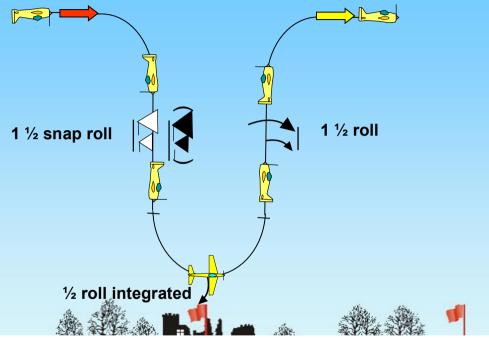








## F-25.05 Pull Pull Push Humpty Bump with one and half snap roll, half roll integrated, one and a half roll.

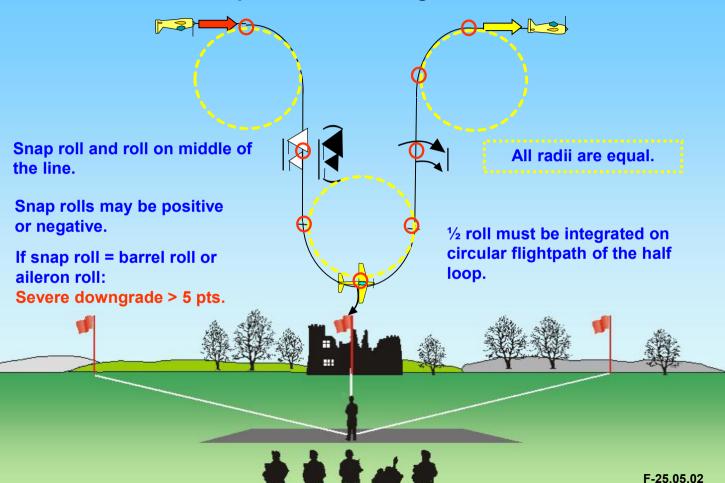


From inverted, before centre pull through a quarter loop into a vertical downline, perform one and a half snap roll, pull through a half loop with half roll integrated into a vertical upline, perform one and a half continuous roll, push through a quarter loop, exit upright.



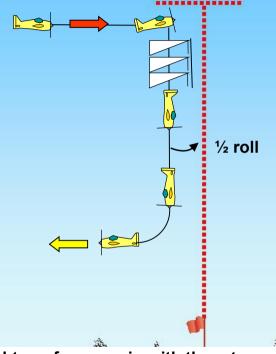


## F-25.05 Pull Pull Push Humpty Bump with one and half snap roll, half roll integrated, one and a half roll.





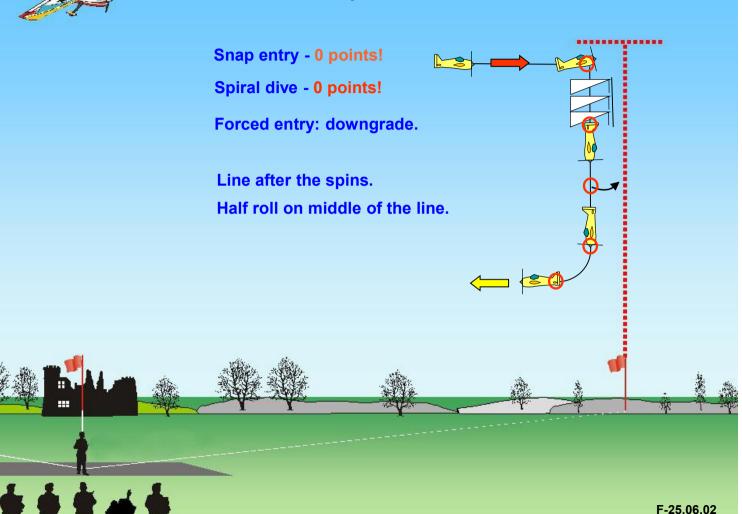
#### F-25.06 Three Turn Spin with half roll



From upright, perform a spin with three turns, perform a vertical downline, perform a half roll, pull through a quarter loop, exit upright.

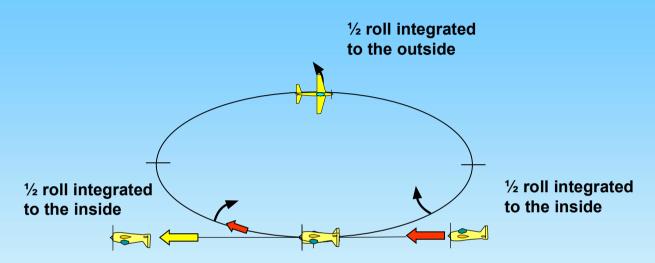


#### F-25.06 Three Turn Spin with half roll





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













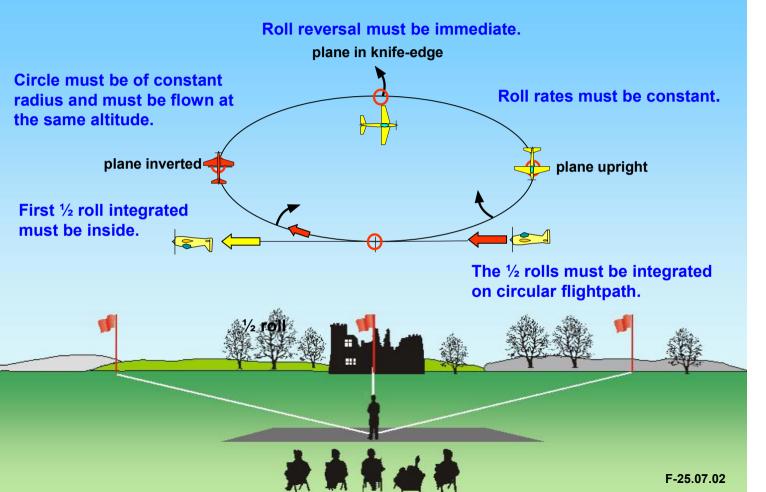
From upright, perform a horizontal circle with half roll integrated in the first ninety degrees, half roll in opposite direction integrated in next one hundred eighty degrees, half roll in opposite direction integrated in the last ninety degrees, exit inverted.

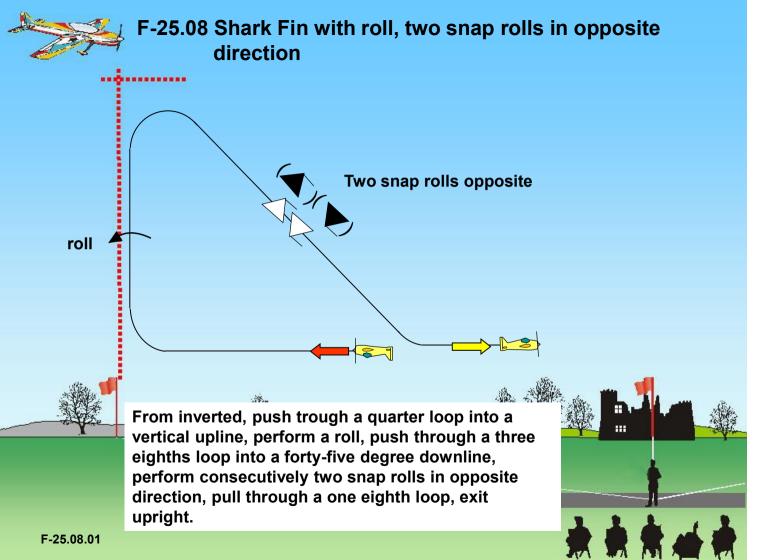
Note: First half roll is to the inside.

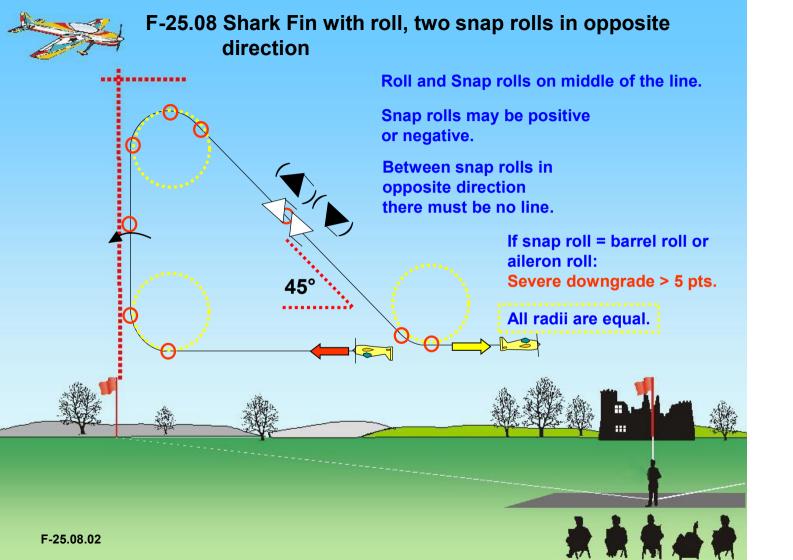




## F-25.07 Horizontal Circle with three half rolls in opposite direction integrated

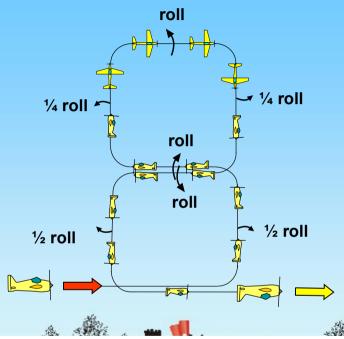






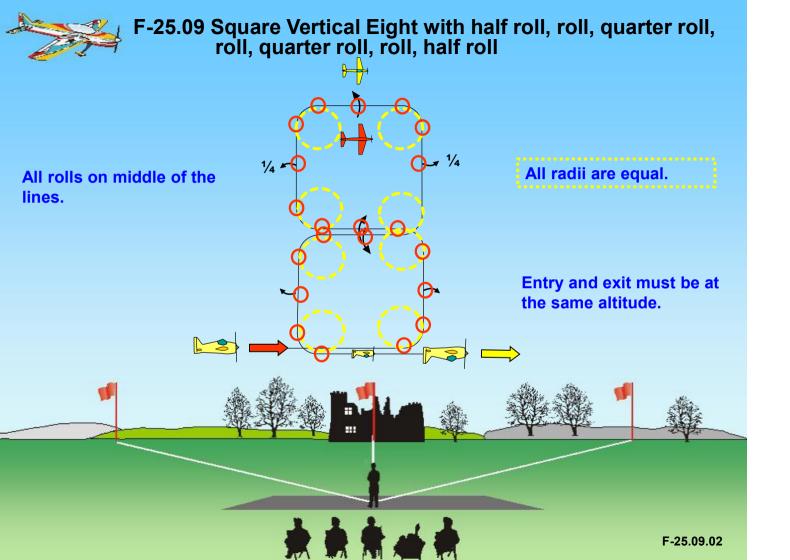


#### F-25.09 Square Vertical Eight with half roll, roll, quarter roll, roll, half roll



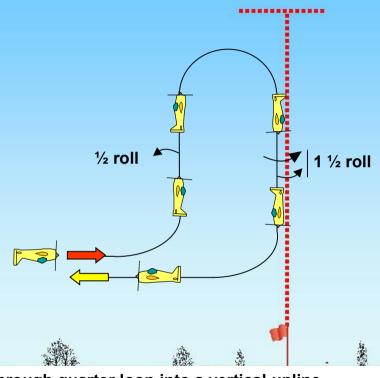
From upright, pull through a quarter loop into a vertical upline perform a half roll, push through a quarter loop, perform a roll, pull through a quarter loop into a vertical upline perform a quarter roll, perform a quarter knife edge loop (towards the center), perform a roll, perform a quarter knife-edge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







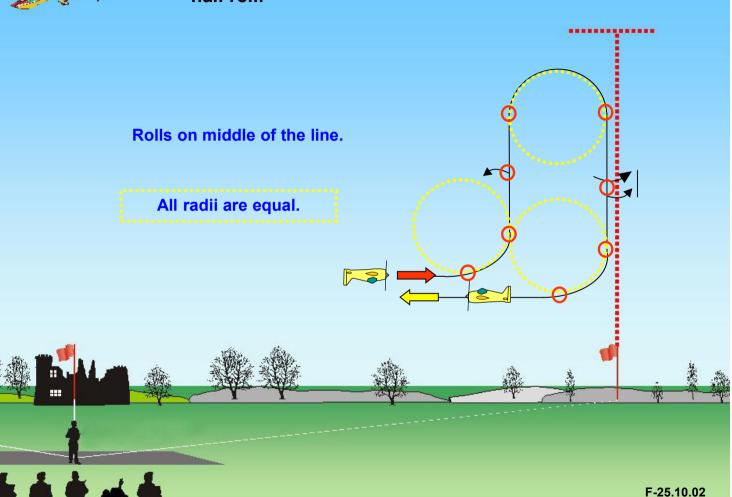
F-25.10 Push Push Pull Humpty Bump with half roll, one and a half roll.



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.

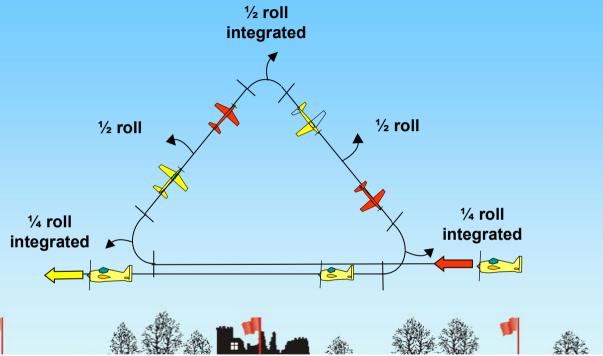


F-25.10 Push Push Pull Humpty Bump with half roll, one and a half roll.





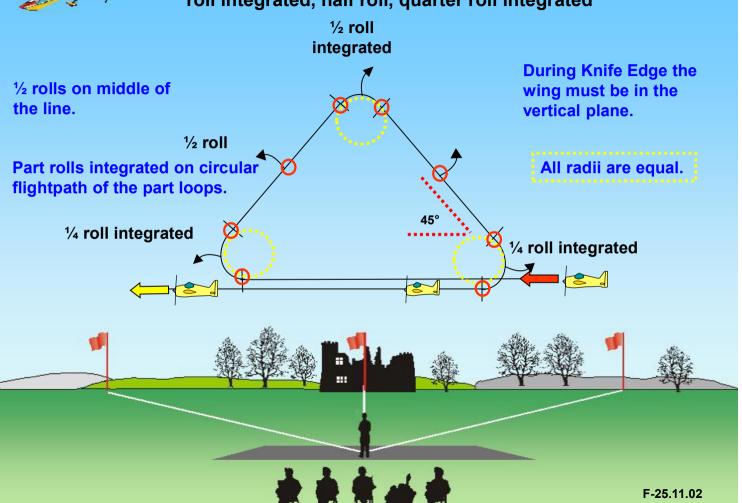
#### F-25.11 Knife-Edge Triangle with quarter roll integrated, half roll, half roll integrated, half roll, quarter roll integrated



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.

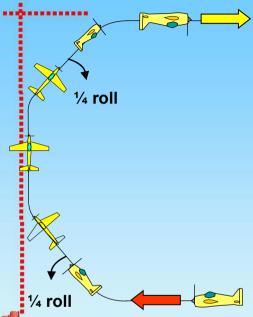


F-25.11 Knife-Edge Triangle with quarter roll integrated, half roll, half roll integrated



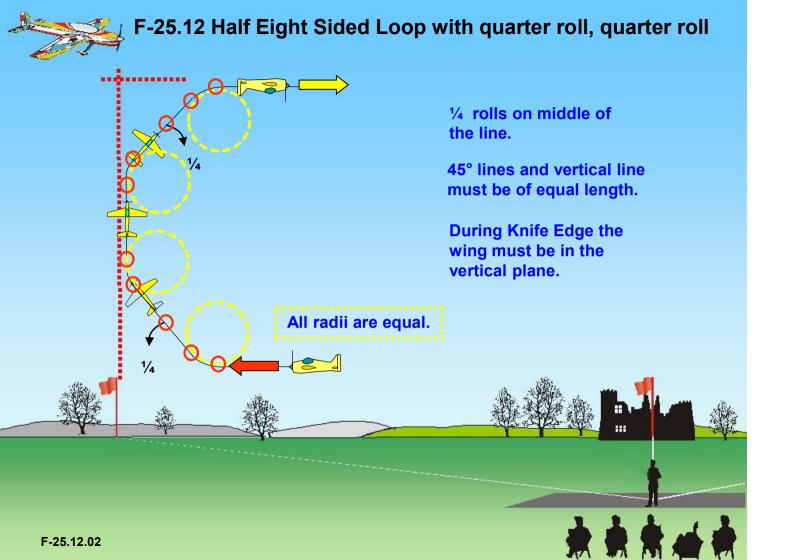


#### F-25.12 Half Eight Sided Loop with quarter roll, quarter roll



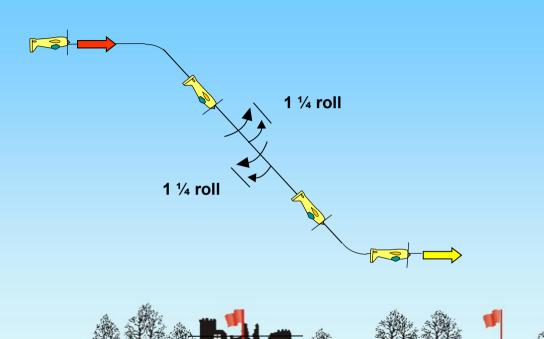
From upright, pull through a one eighth loop into a forty-five degree upline, perform a quarter roll, perform a one eighth knife-edge loop into a vertical upline, perform a one eighth knife-edge loop into a forty-five degree knife-edge upline, perform a quarter roll, pull through a one eighth loop, exit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

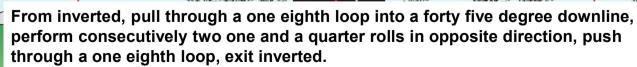






F-25.13 Forty Five Degree Downline with two consecutive one and a quarter rolls in opposite direction.

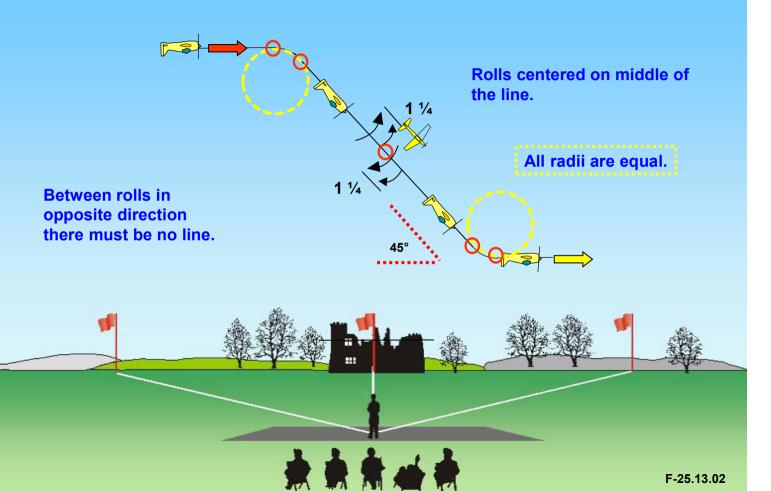






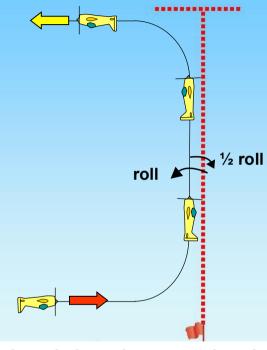


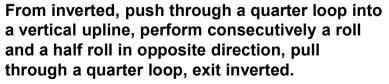
## F-25.13 Forty Five Degree Downline with two consecutive one and a quarter rolls in opposite direction.





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



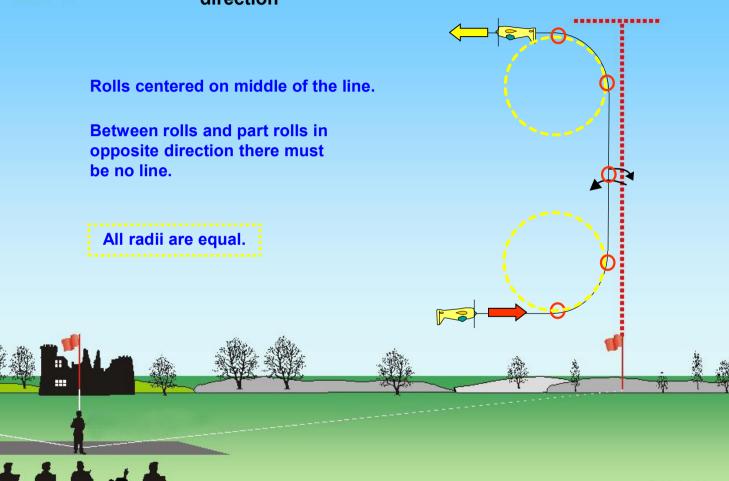






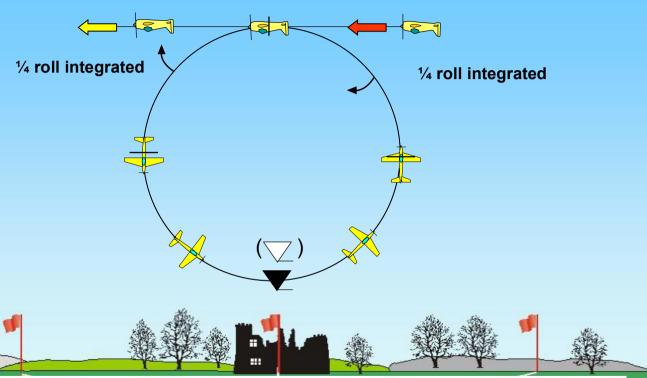


### F-25.14 Half Square Loop with roll, half roll in opposite direction





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

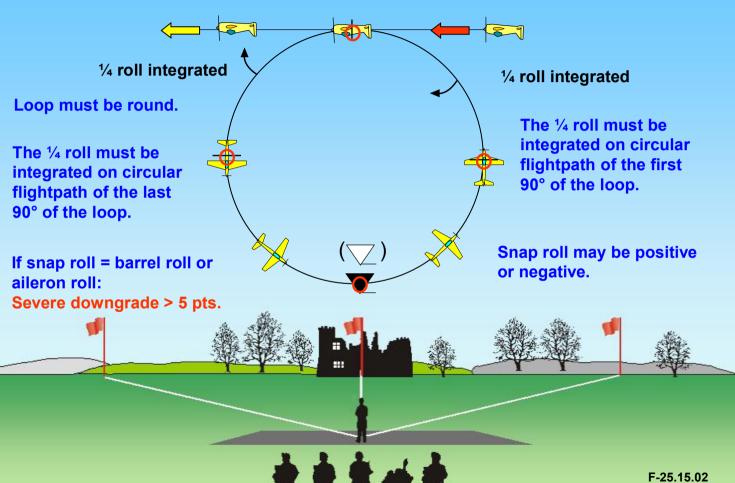


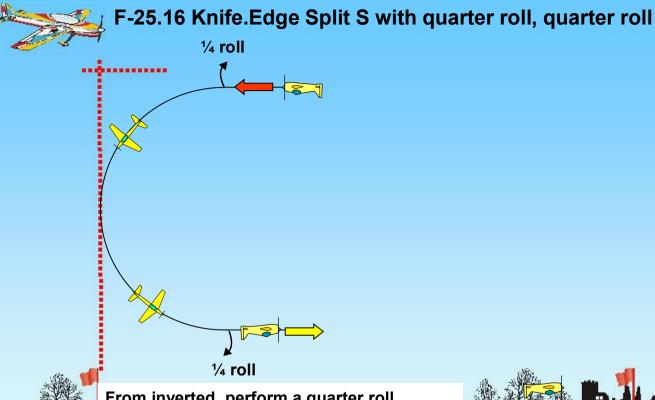
From inverted, pull through a loop, perform a quarter roll integrated in the first ninety degrees of the loop, perform a snap roll at the bottom of the loop, perform a quarter roll integrated in last ninety degrees of the loop, exit inverted.





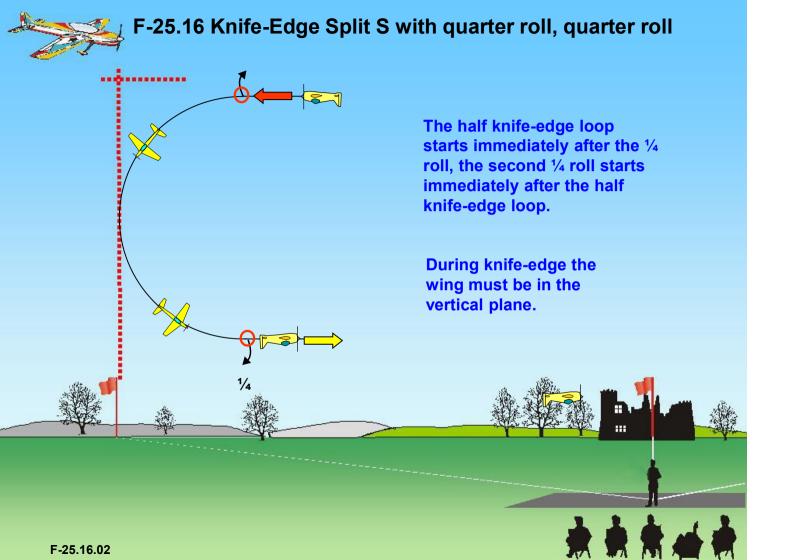
## F-25.15 Avalanche (from top) with quarter roll integrated, snap roll, quarter roll integrated





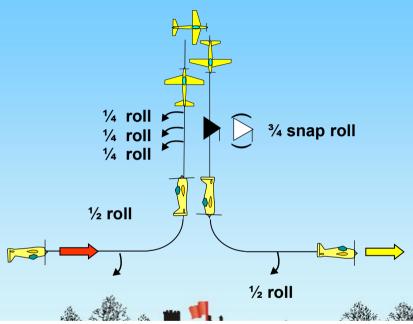
From inverted, perform a quarter roll, immediately perform a half knife-edge loop down, immediately perform a quarter roll, exit inverted.







## 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.

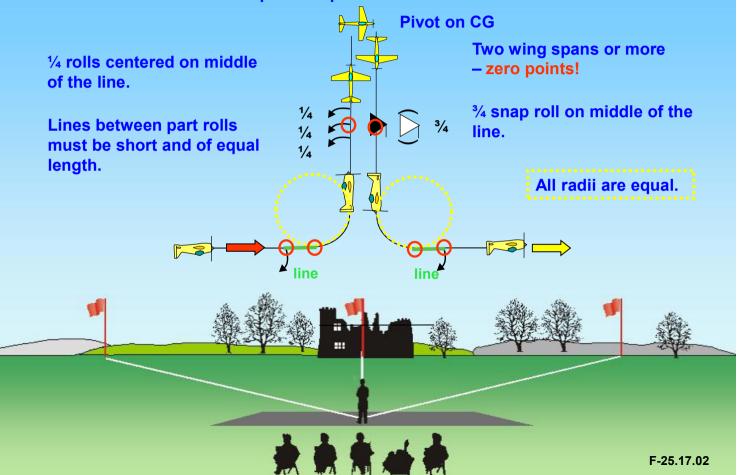
Note: Exit starts after the last half roll.





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

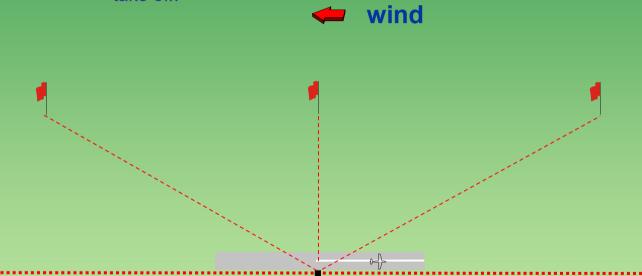
**Stop before pivot** 





## Landing procedure ( not judged, not scored )

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



Safety line

#### 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!

© Peter Uhlig, April 2023