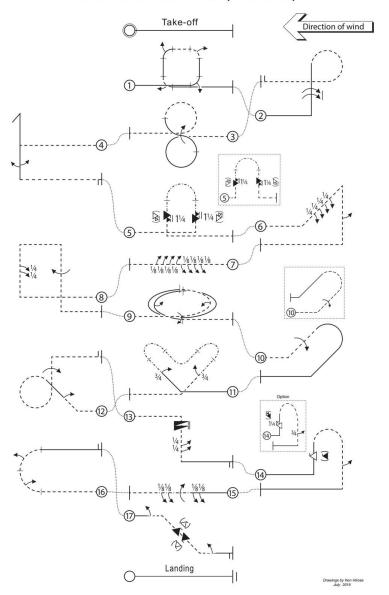
# Flying and Judging F3A

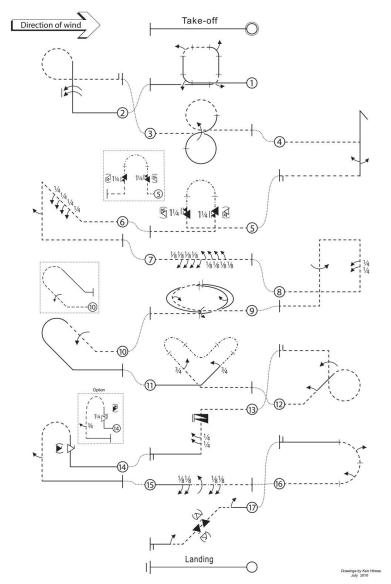


# SCHEMATIC MANOEUVRE ILLUSTRATIONS SCHEDULE F-19

#### FINAL SCHEDULE F-19 (2018-2019)

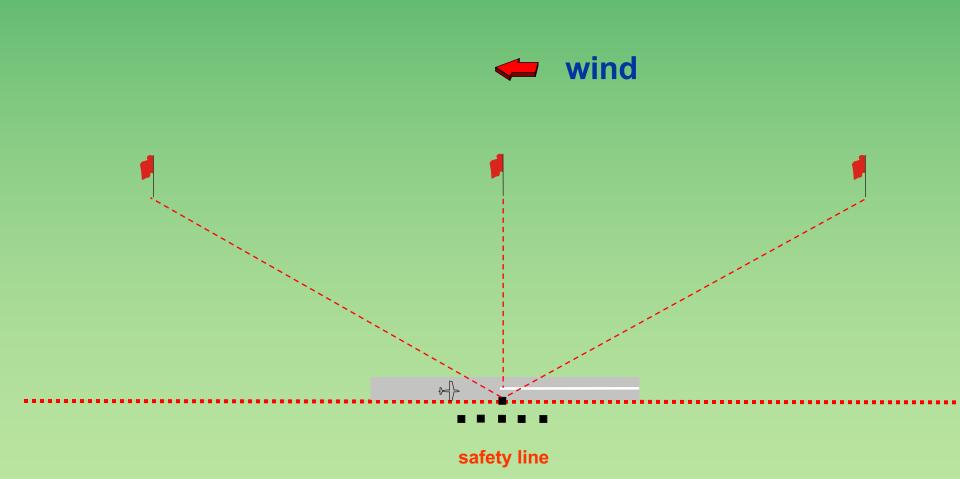


#### FINAL SCHEDULE F-19 (2018-2019)



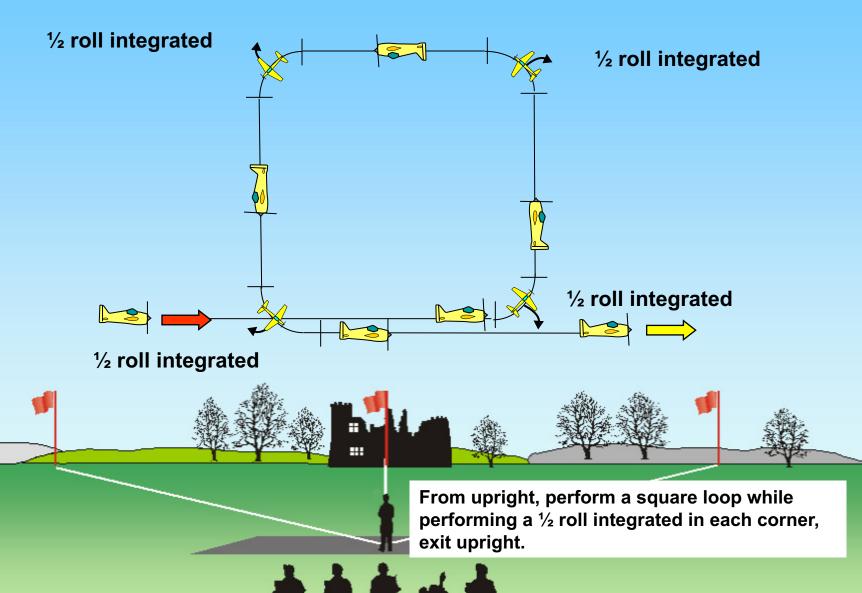


# Take-off procedure ( not judged, not scored )



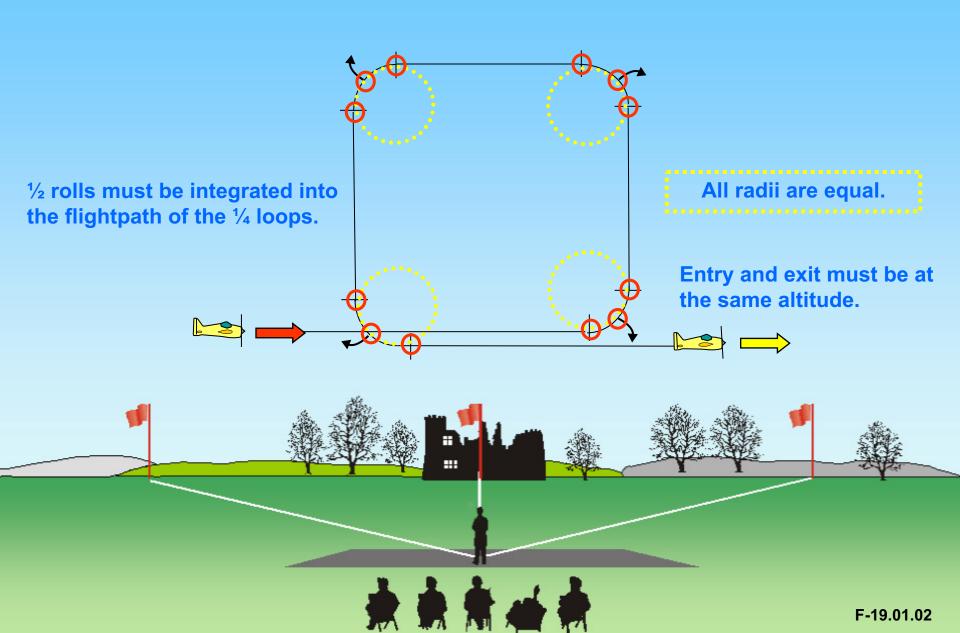


## F-19.01 Square Loop with ½ roll integrated, ½ roll integrated, ½ roll integrated



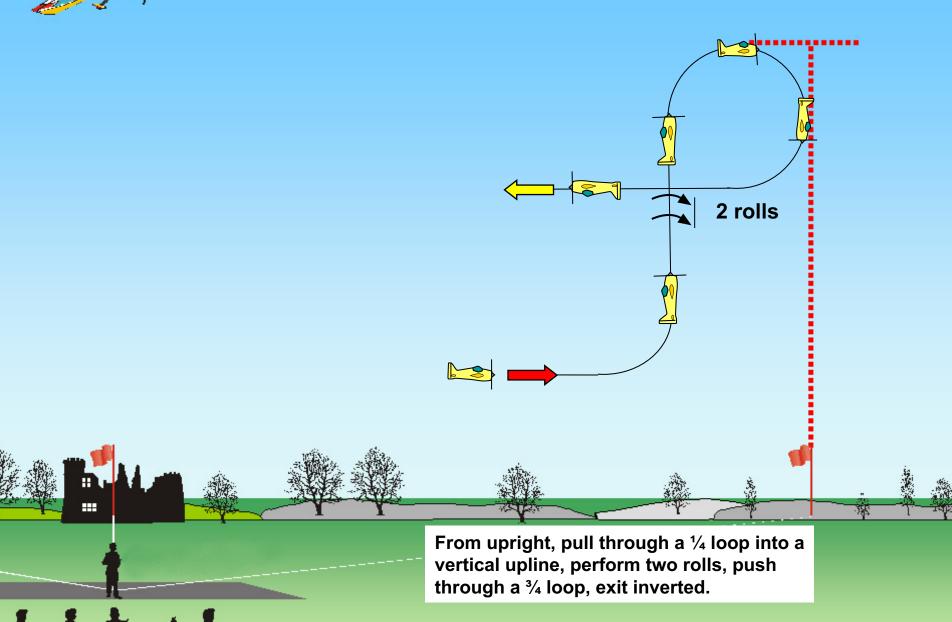


F-19.01 Square Loop with ½ roll integrated, ½ roll integrated, ½ roll integrated



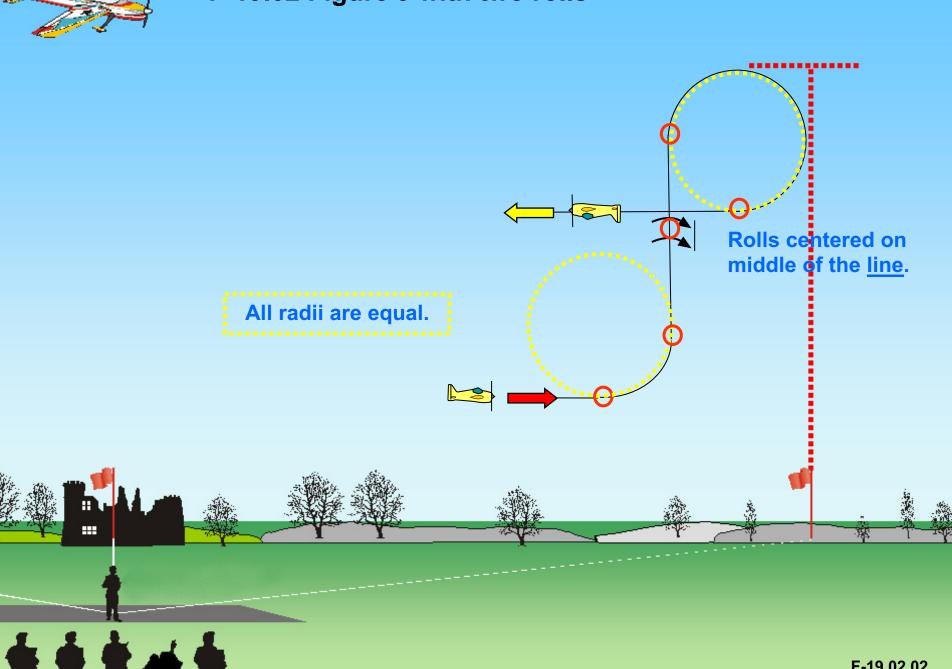


#### F-19.02 Figure 9 with two rolls



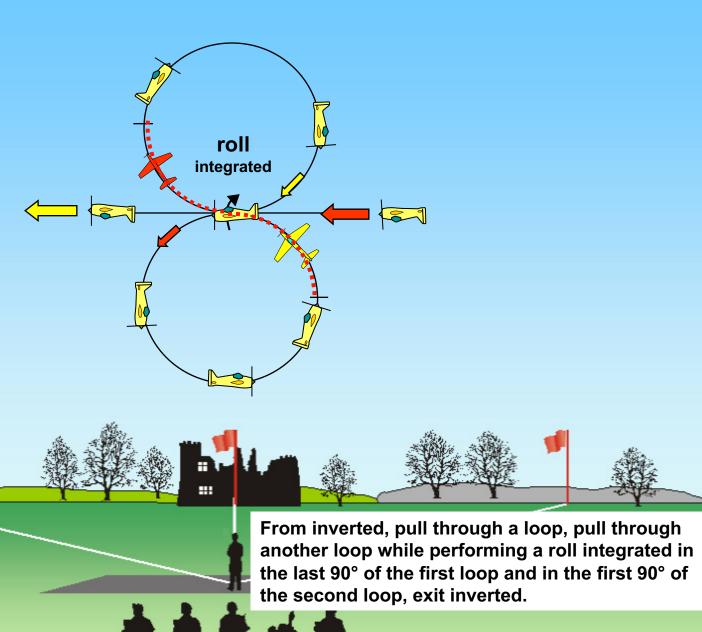


F-19.02 Figure 9 with two rolls



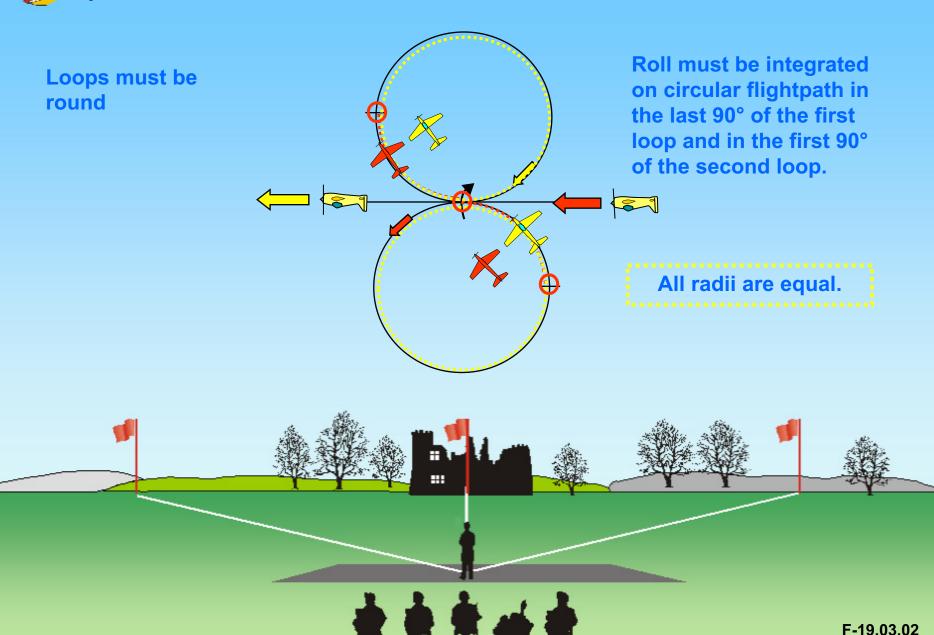


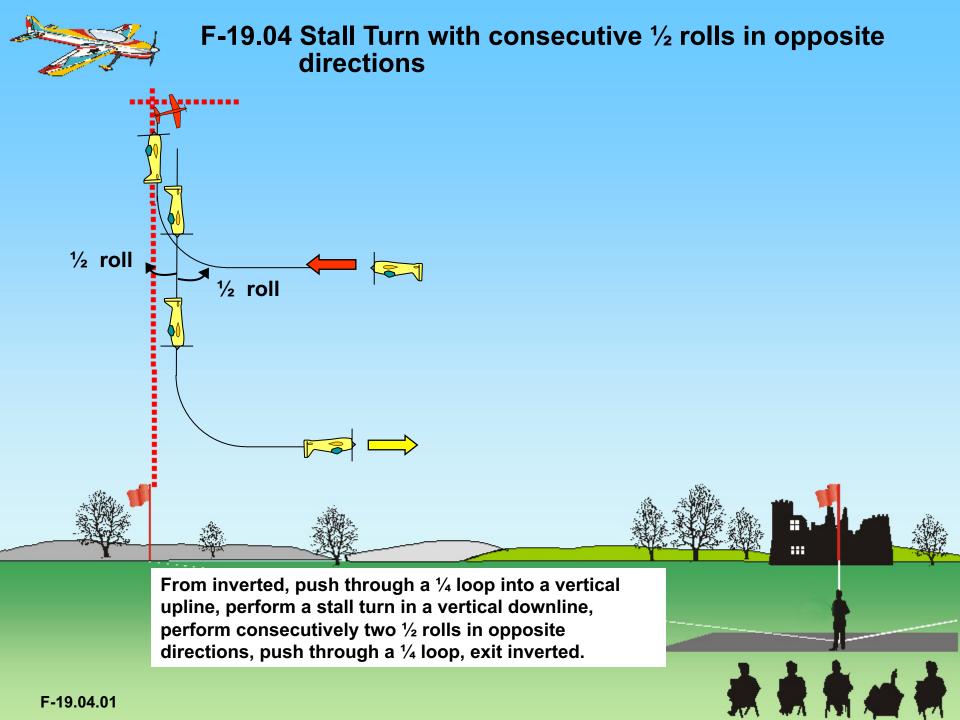
#### F-19.03 Vertical 8 with roll integrated

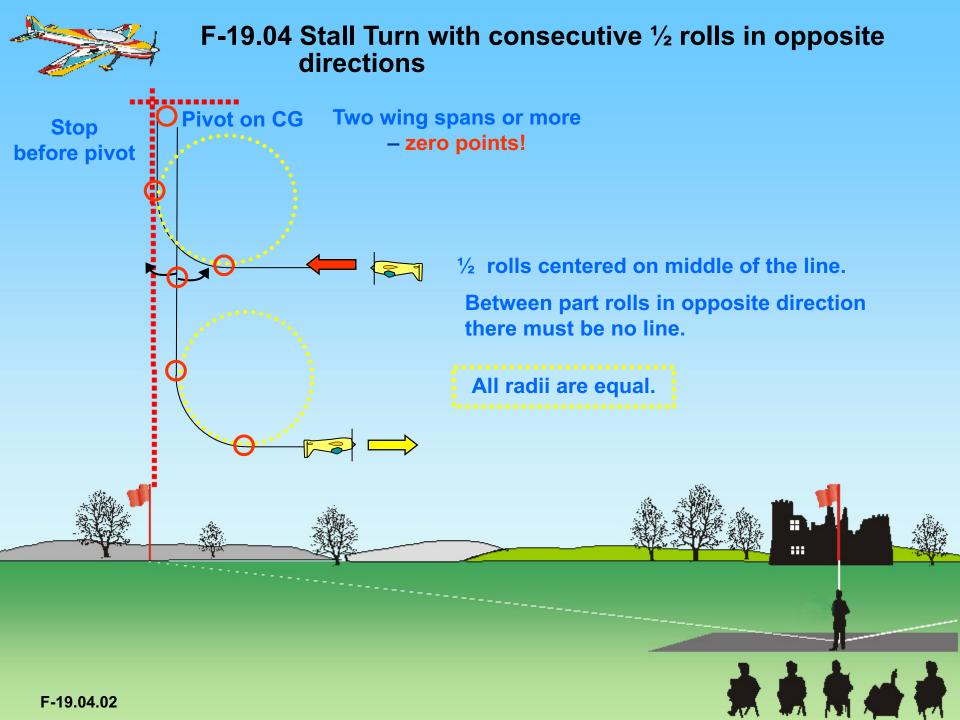




#### F-19.03 Vertical 8 with roll integrated

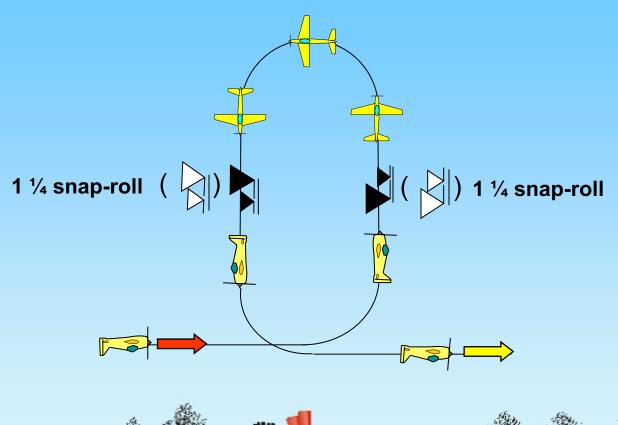


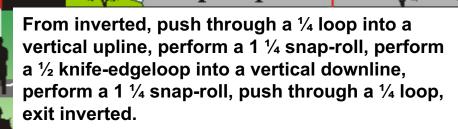






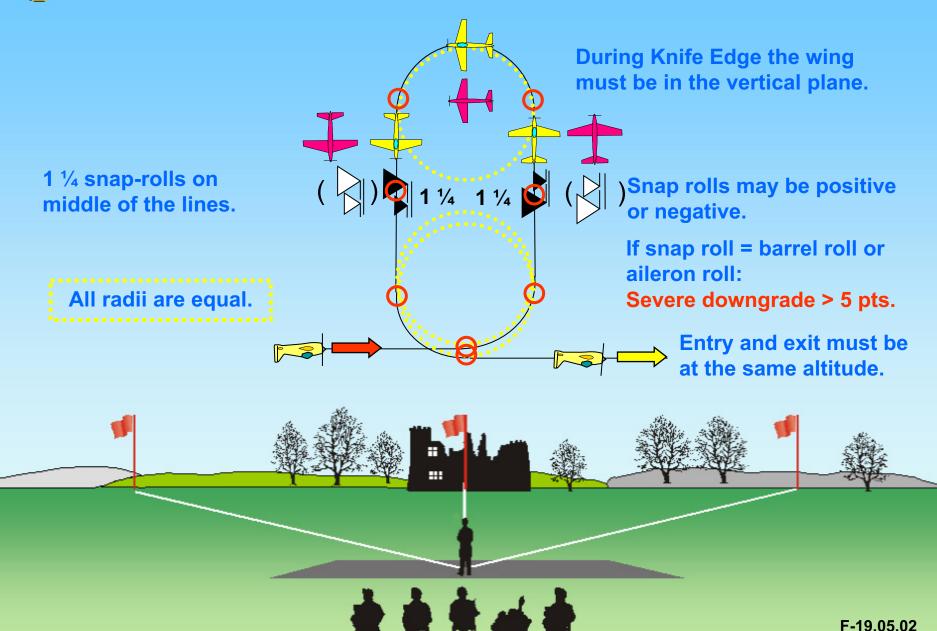
## F-19.05 Push-Knife-Edge-Push Humpty-Bump with 1 ¼ snap-roll, 1 ¼ snap-roll





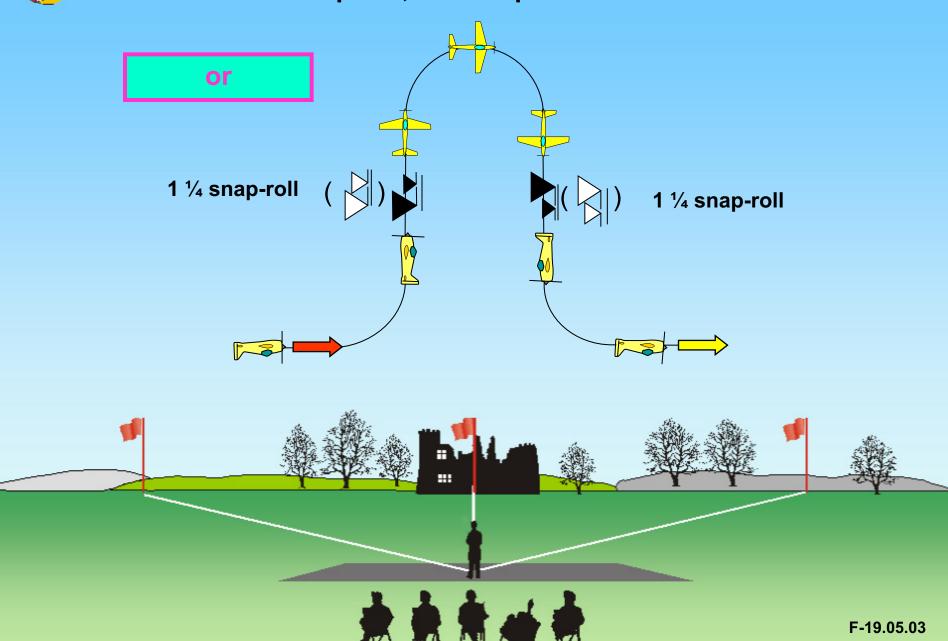


## F-19.05 Push-Knife-Edge-Push Humpty-Bump with 1 ¼ snap-roll, 1 ¼ snap-roll



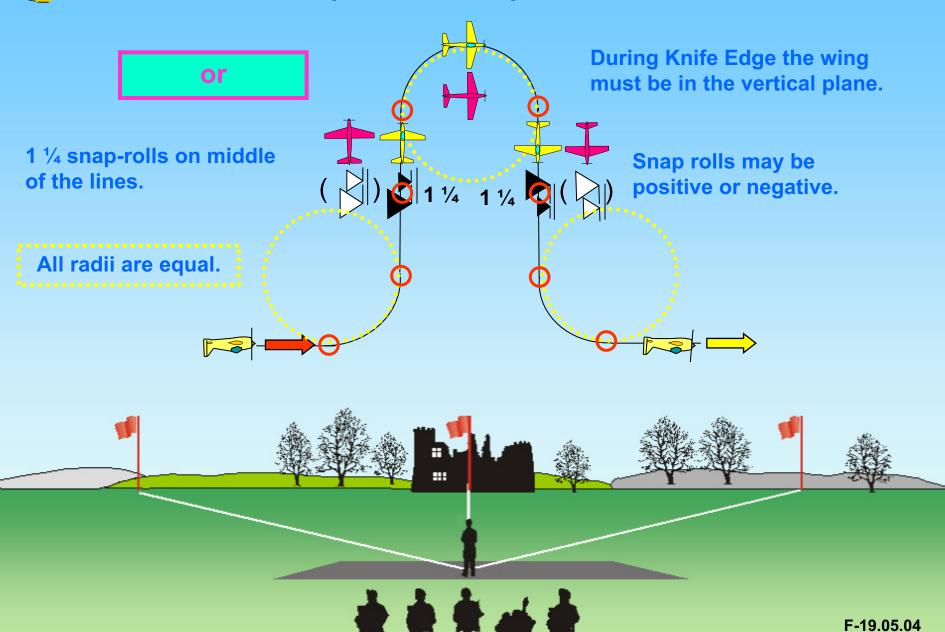


F-19.05 Push-Knife-Edge-Push Humpty-Bump with 1 ¼ snap-roll, 1 ¼ snap-roll



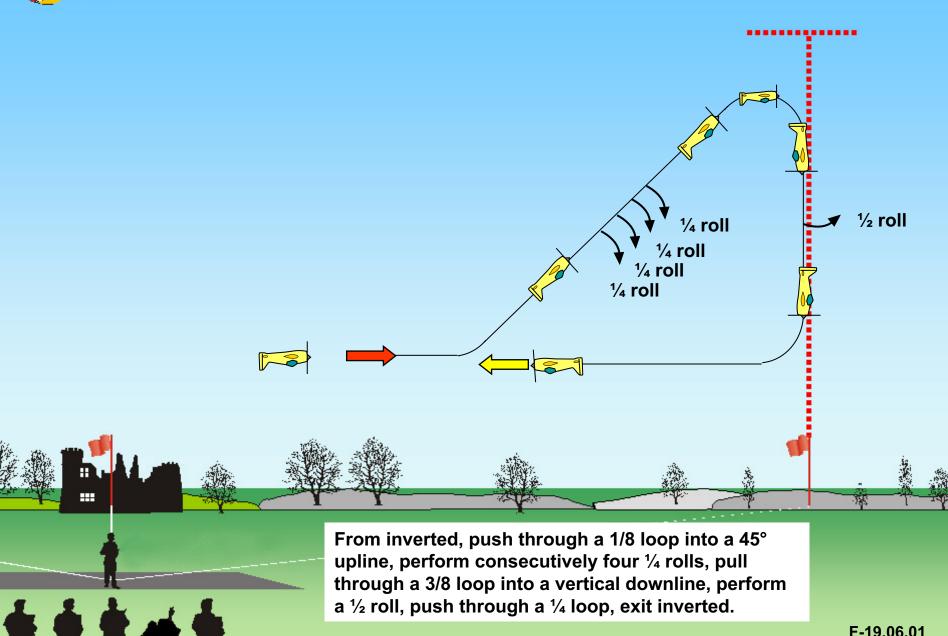


## F-19.05 Push-Knife-Edge-Push Humpty-Bump with 1 ¼ snap-roll, 1 ¼ snap-roll



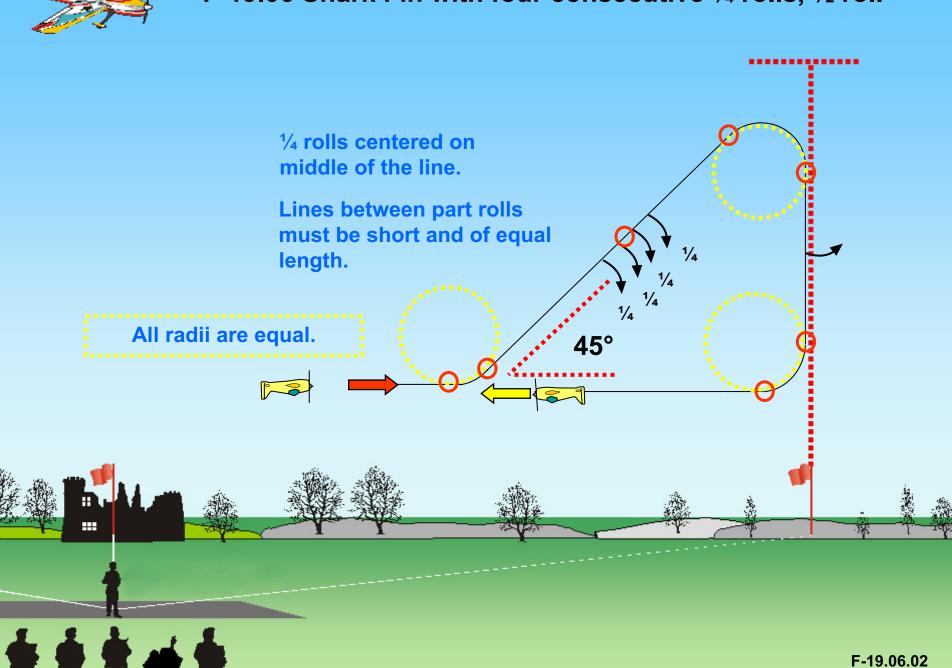


#### F-19.06 Shark Fin with four consecutive 1/4 rolls, 1/2 roll



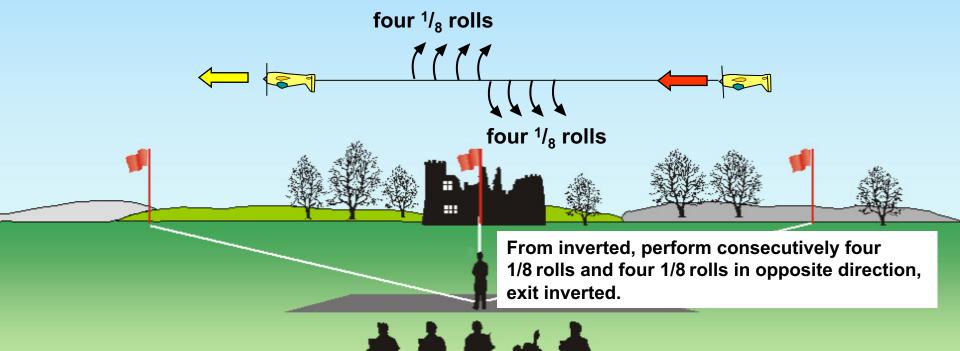


#### F-19.06 Shark Fin with four consecutive 1/4 rolls, 1/2 roll





# F-19.07 Roll Combination with four 1/8 rolls, four 1/8 rolls in opposite direction

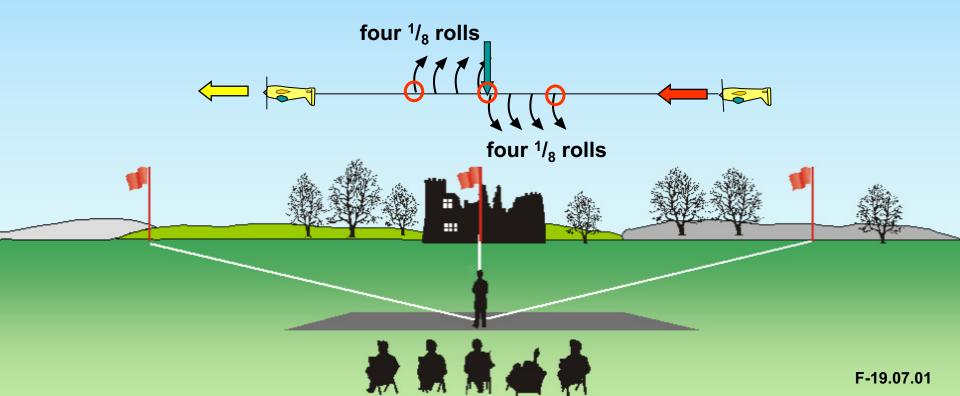


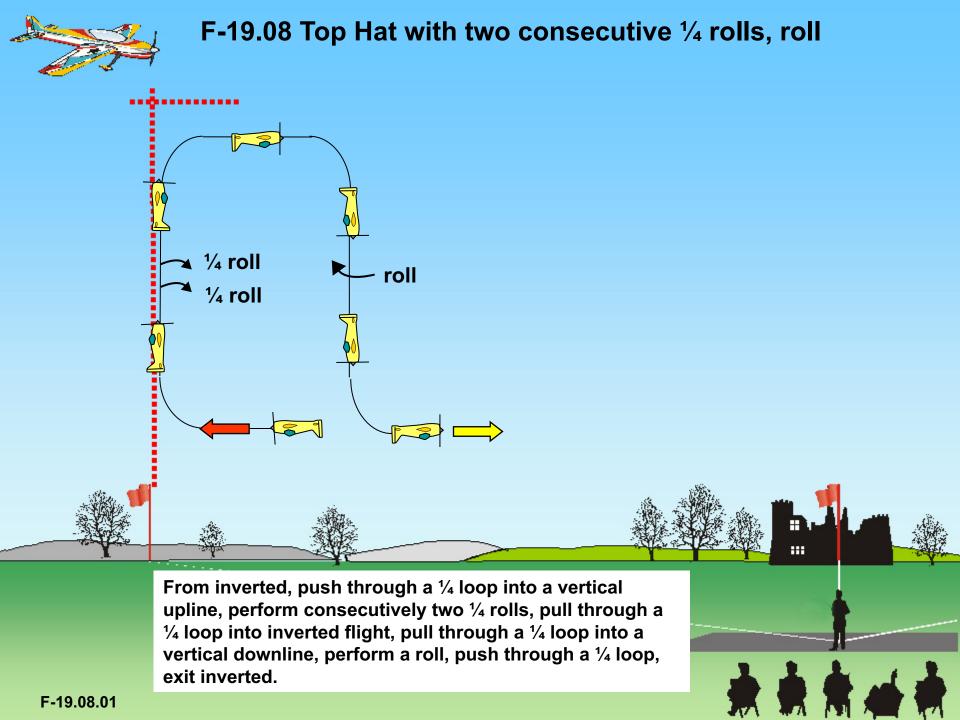


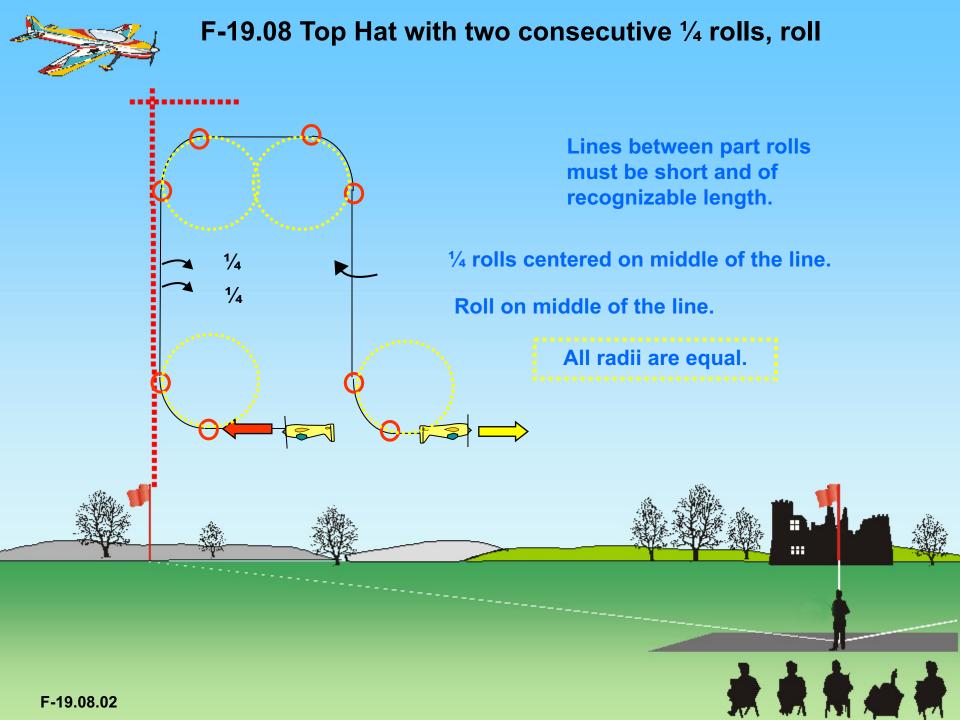
## F-19.07 Roll Combination with four 1/8 rolls, four 1/8 rolls in opposite direction

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

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

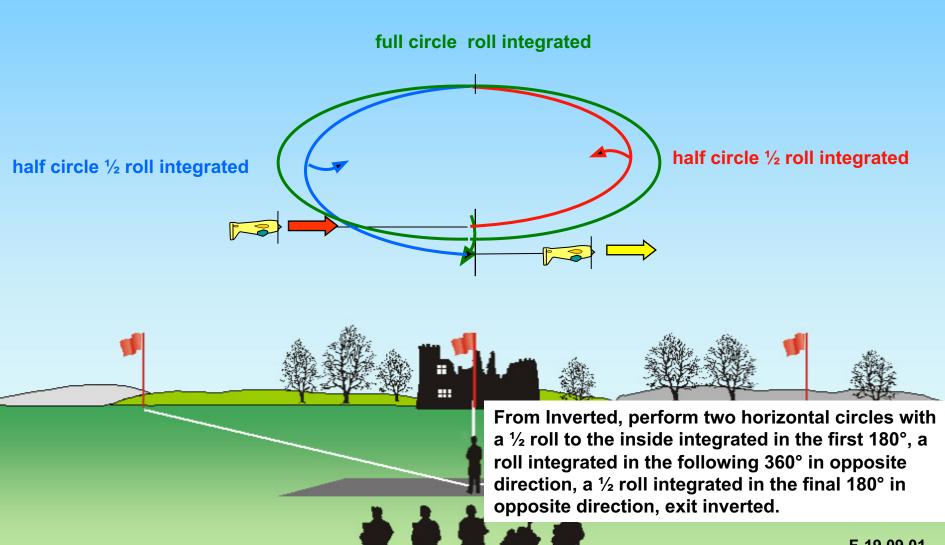






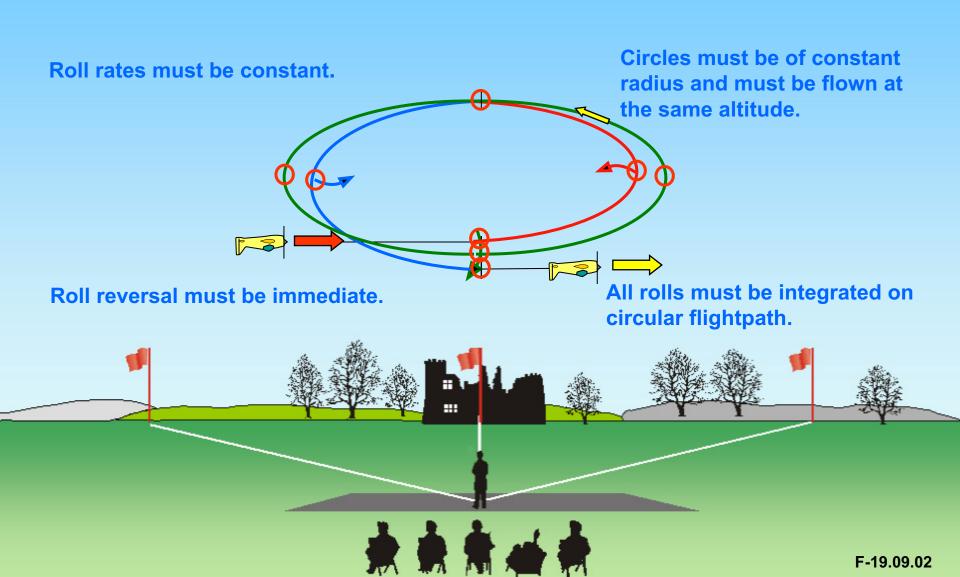


#### F-19.09 Two Horizontal Circles with ½ roll to the inside integrated, roll integrated in opposite direction, 1/2 roll integrated in opposite direction

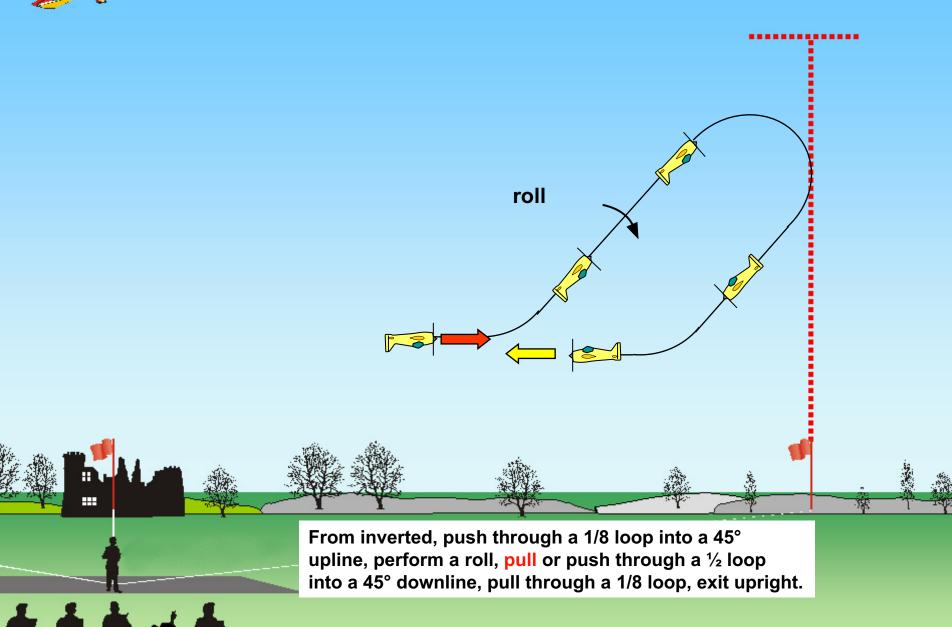




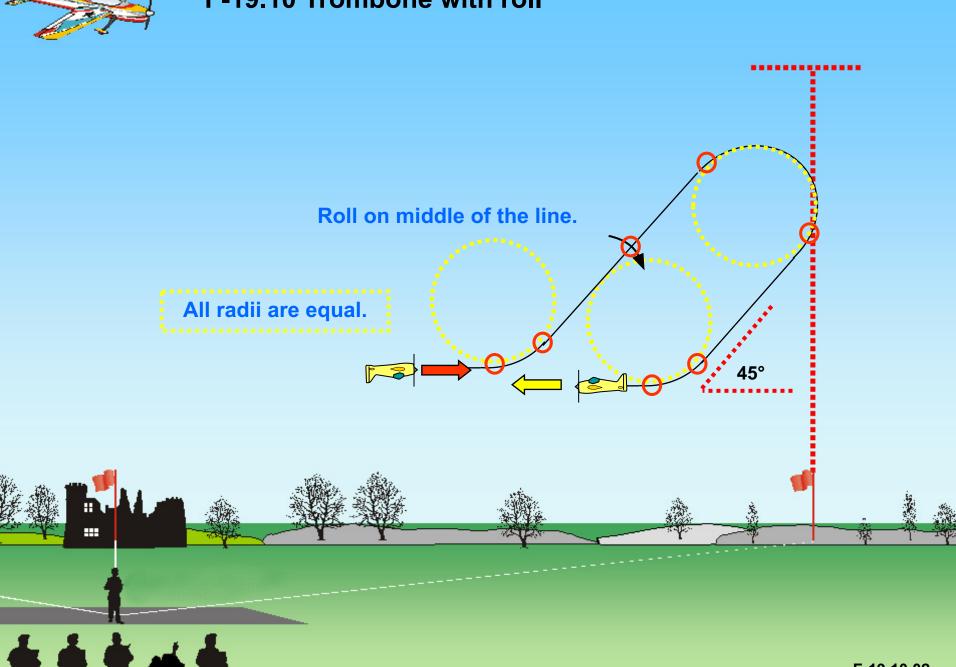
# F-19.09 Two Horizontal Circles with ½ roll to the inside integrated, roll integrated in opposite direction, ½ roll integrated in opposite direction



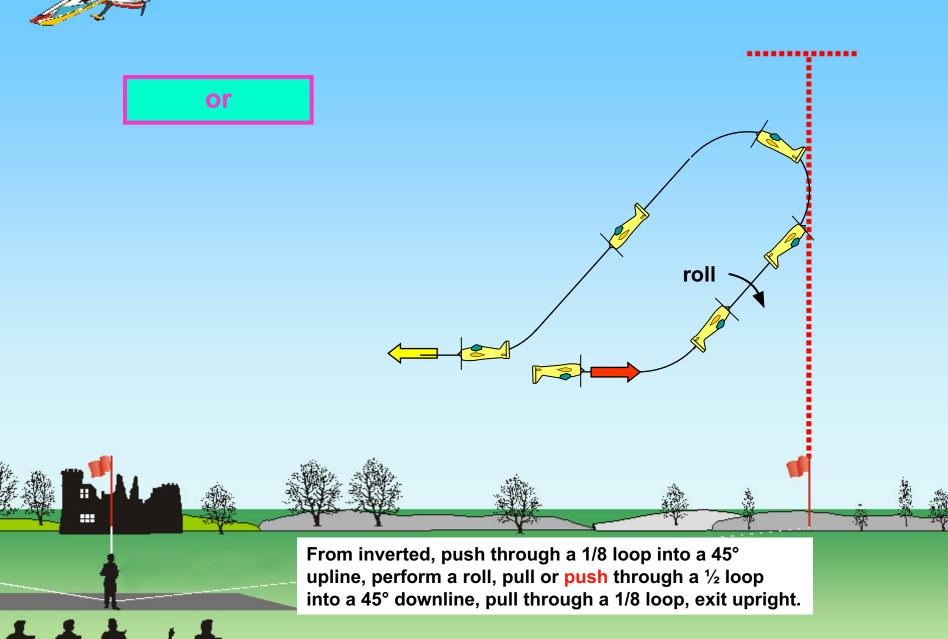




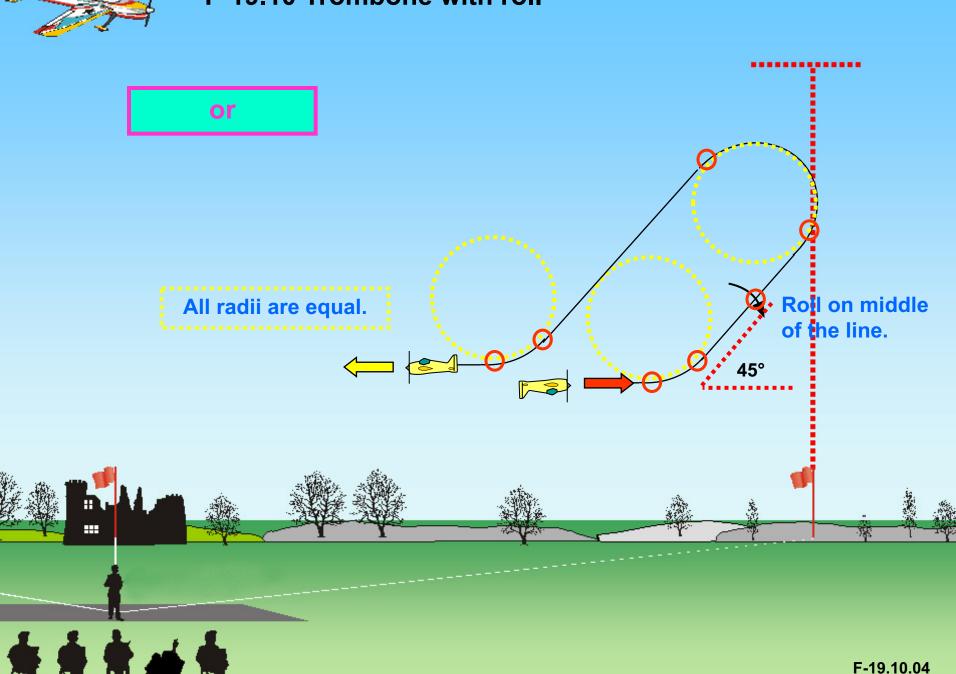






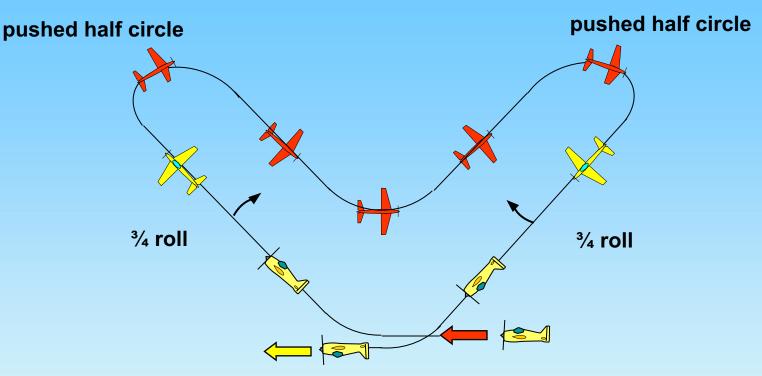


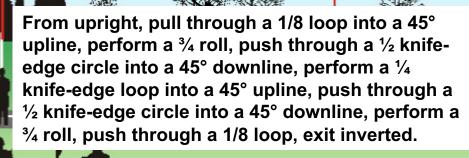






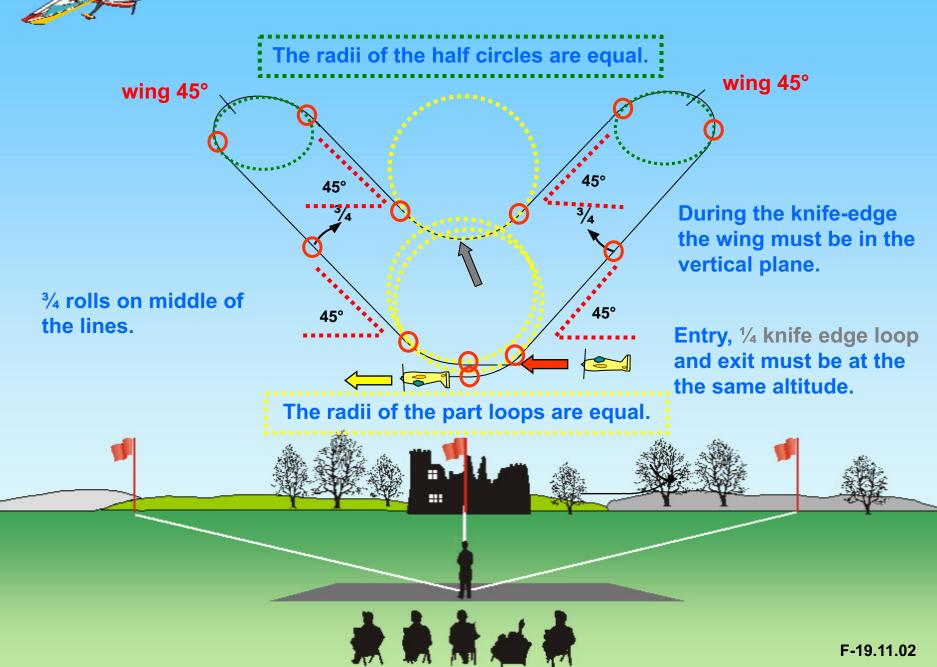
#### F.19.11 Double Fighter Turn with ¾ roll, ¾ roll





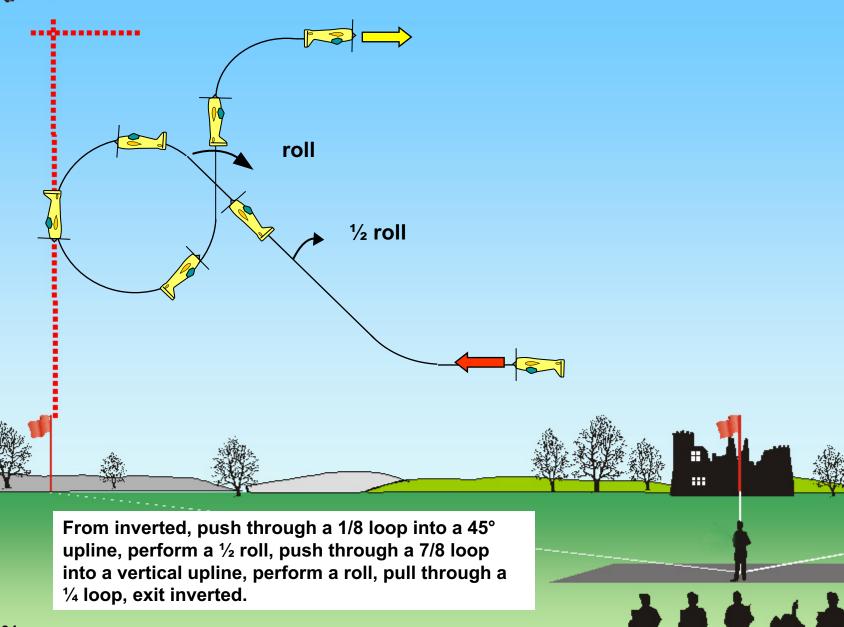


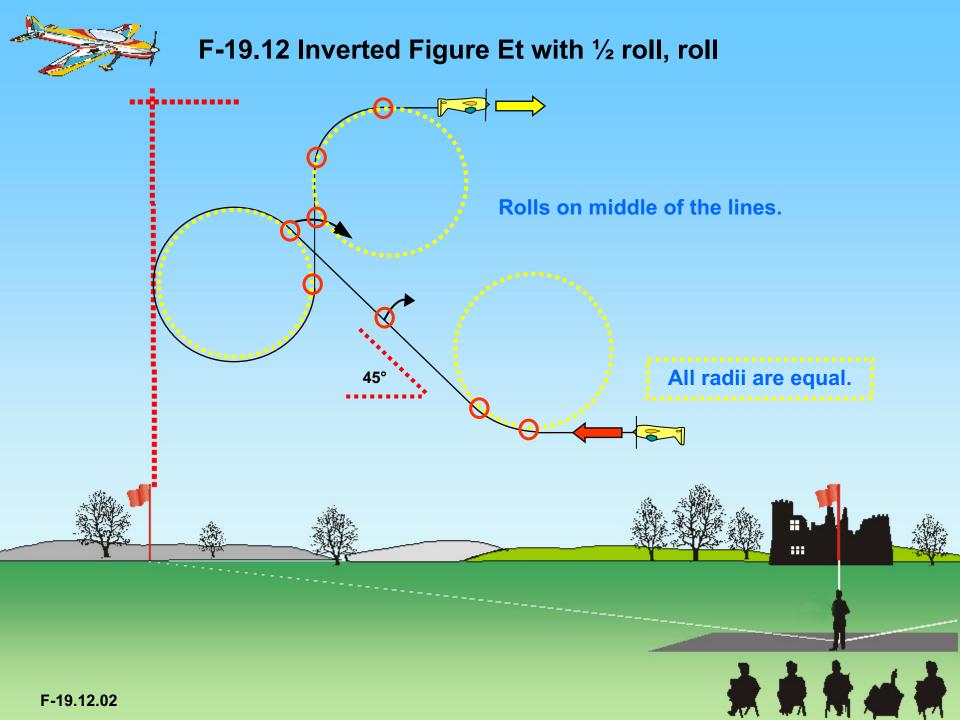
#### F.19.11 Double Fighter Turn with ¾ roll, ¾ roll





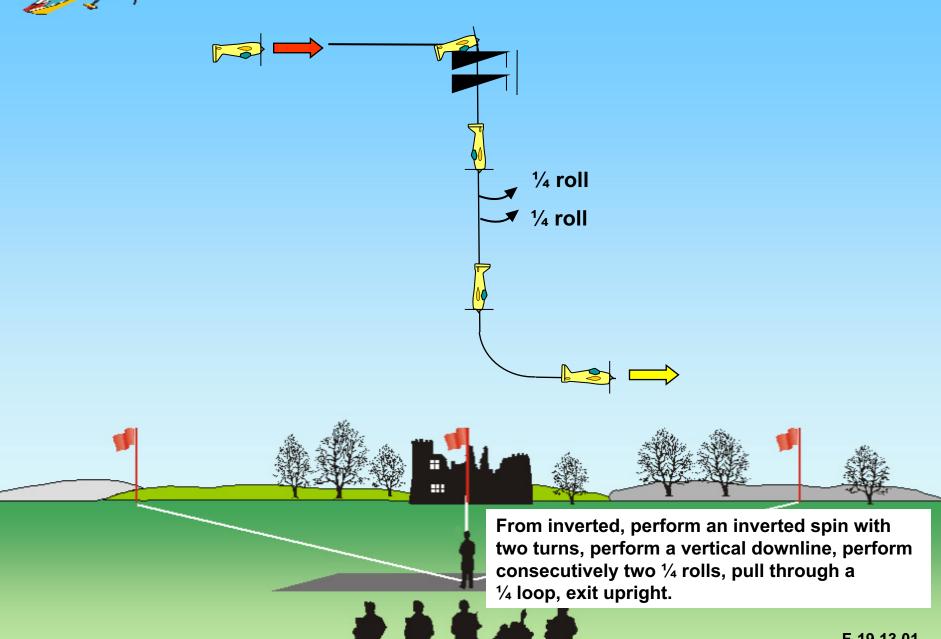
#### F-19.12 Inverted Figure Et with ½ roll, roll





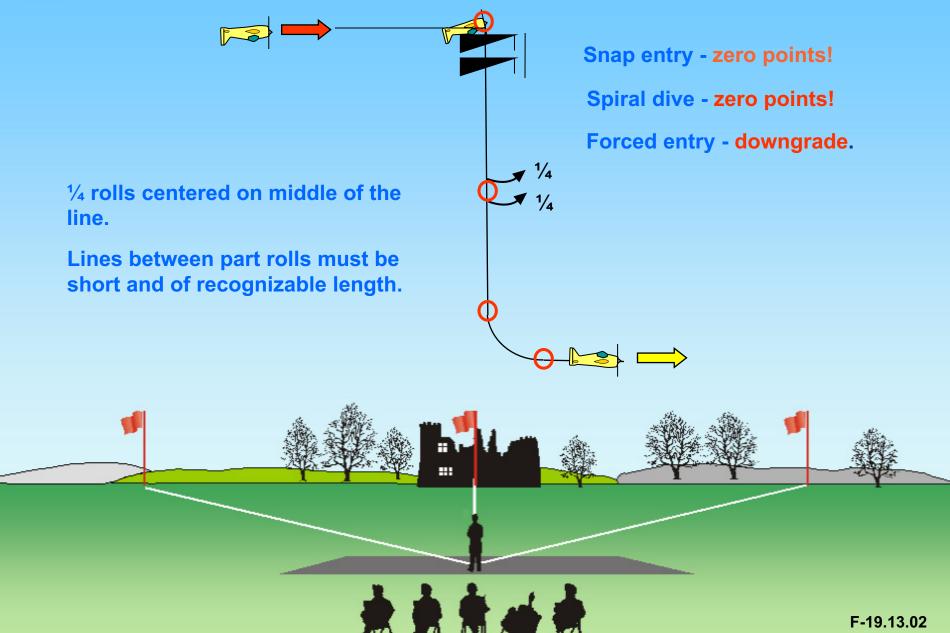


#### F-19.13 Inverted Spin with two turns, two consecutive 1/4 rolls

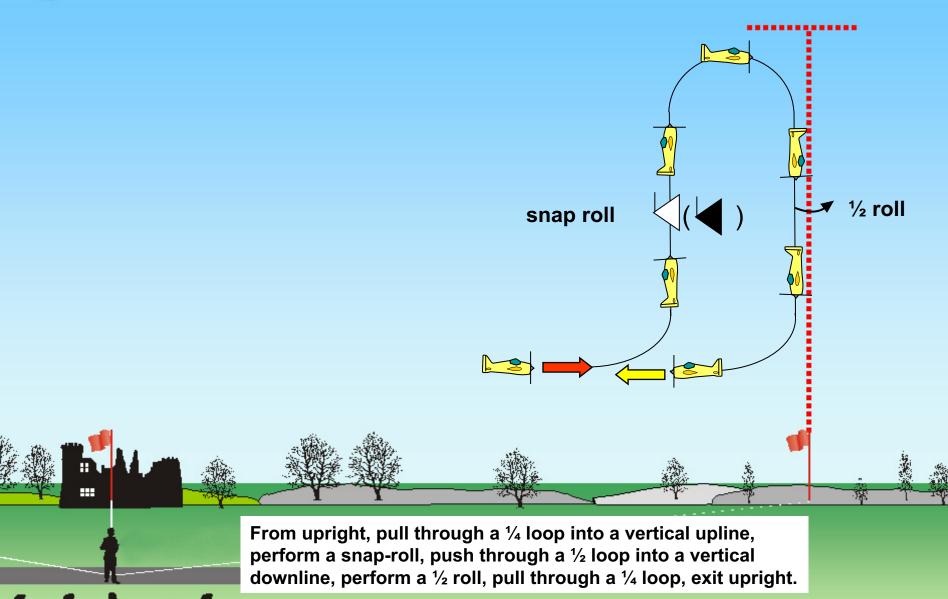




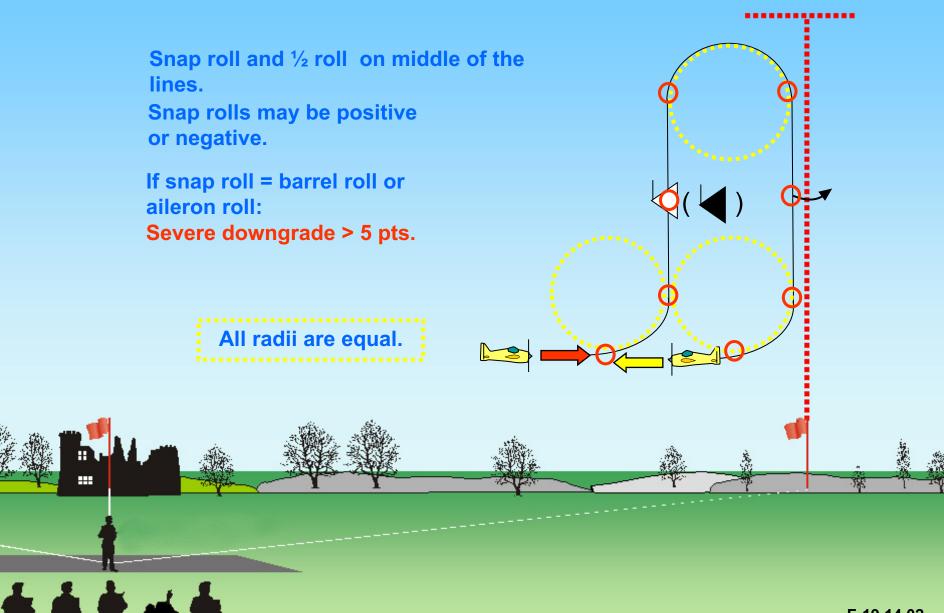
#### F-19.13 Inverted Spin with two turns, two consecutive 1/4 rolls



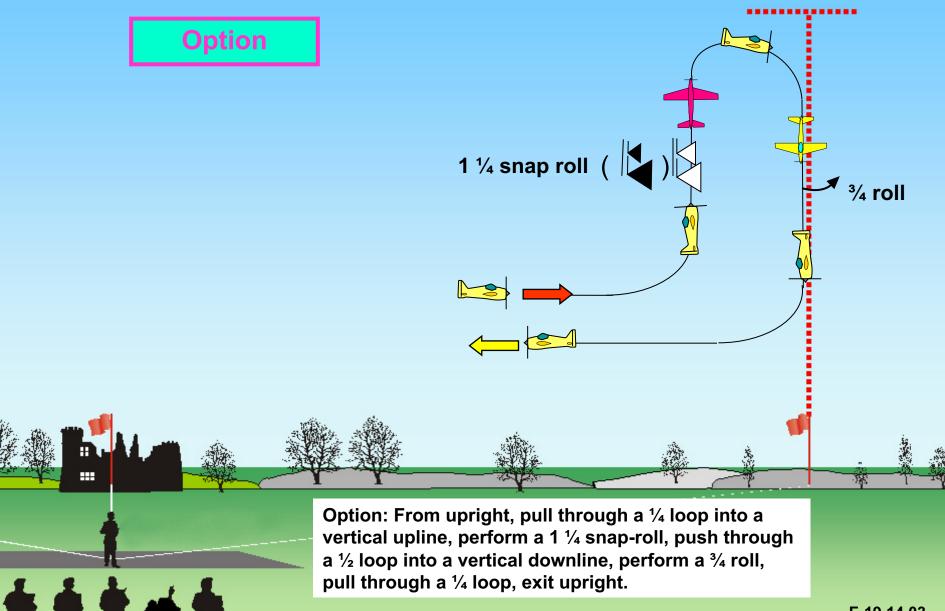














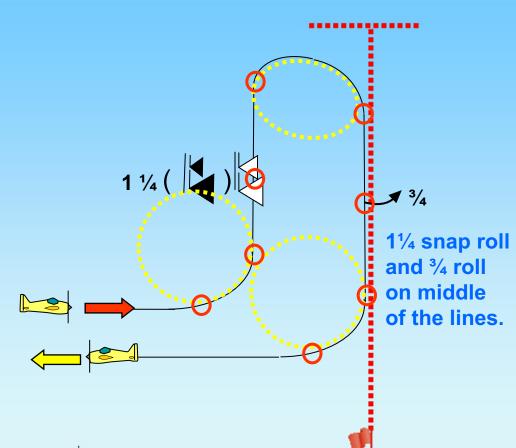
#### **Option**

Snap rolls may be positive or negative.

If snap roll = barrel roll or aileron roll:

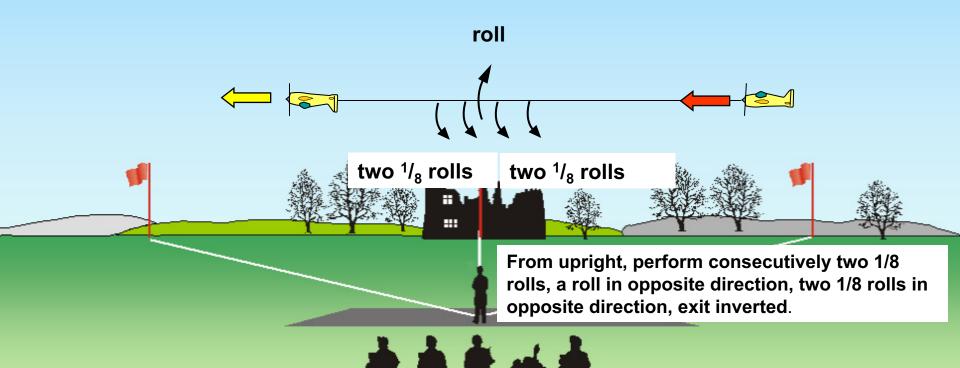
**Severe downgrade > 5 pts.** 

All radii are equal.





# F-19.15 Roll Combination with consecutive two 1/8 rolls, roll in opposite direction, consecutive two 1/8 rolls in opposite direction

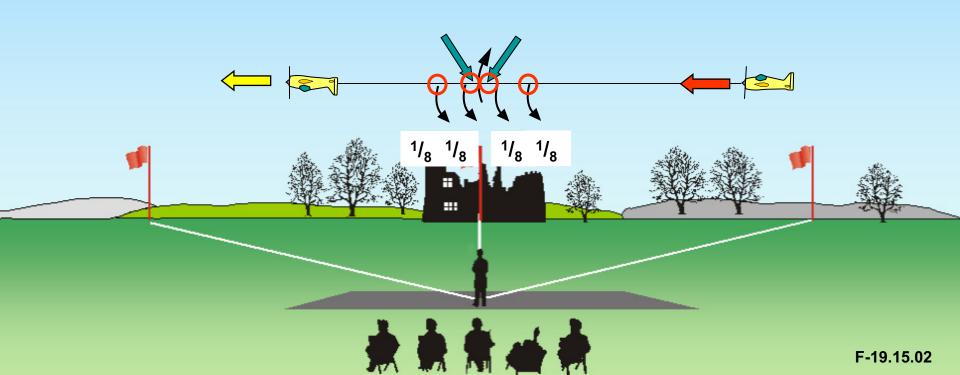




# F-19.15 Roll Combination with consecutive two 1/8 rolls, roll in opposite direction, consecutive two 1/8 rolls in opposite direction

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

Between rolls in opposite direction there must be no line.

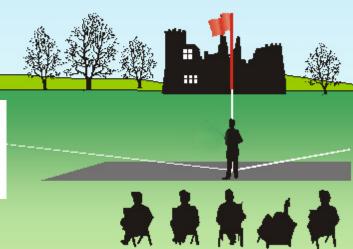


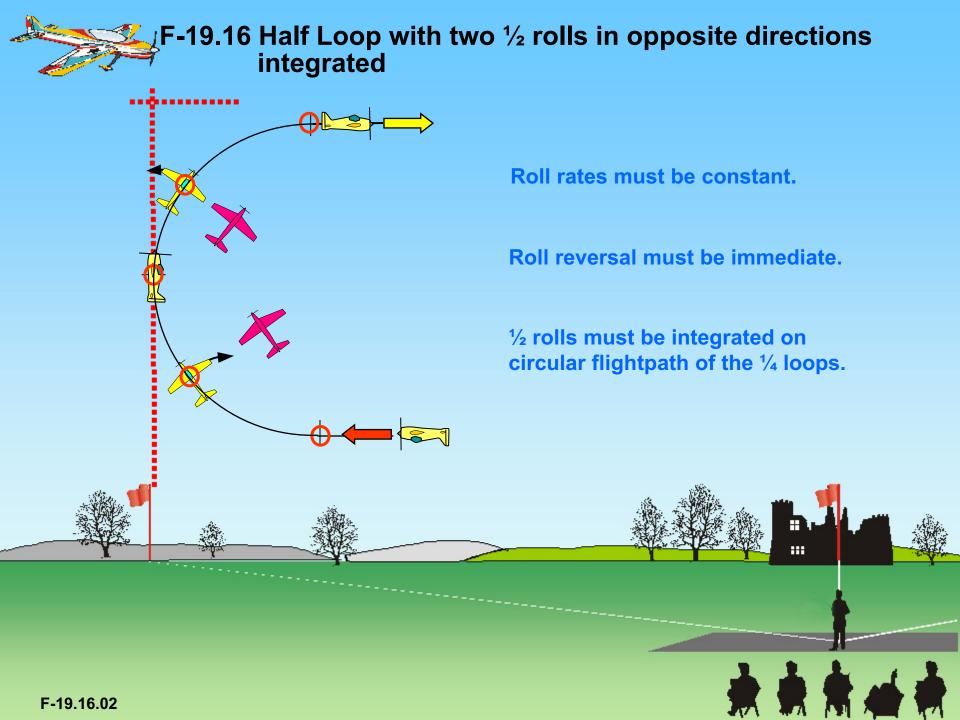
# F-19.16 Half Loop with two ½ rolls in opposite directions integrated

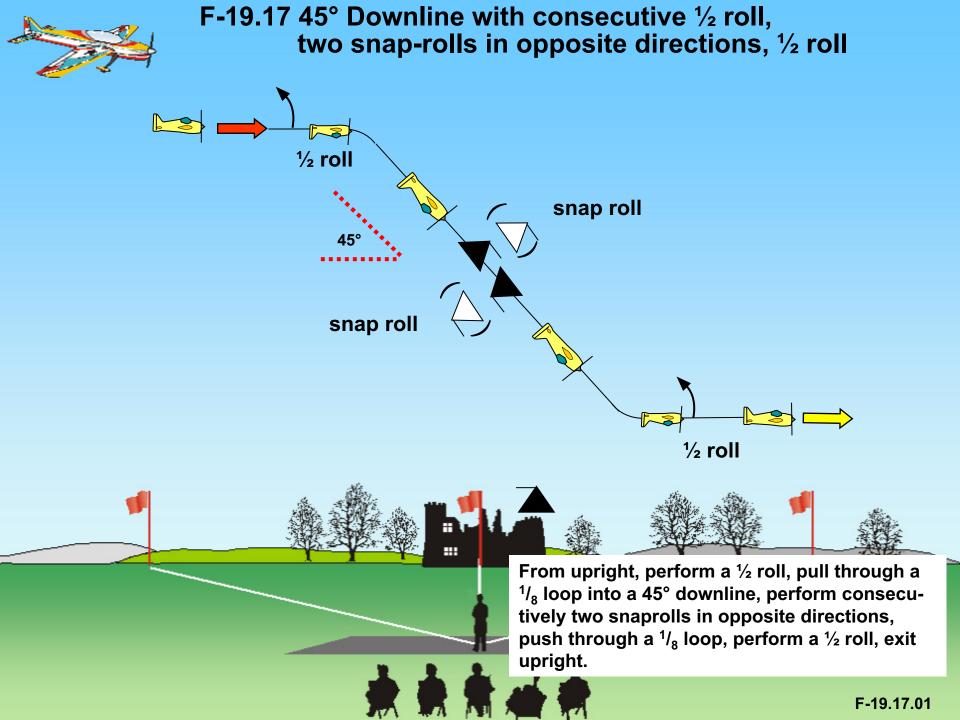
½ roll integrated

½ roll integrated

From inverted, push through a  $\frac{1}{2}$  loop while performing a  $\frac{1}{2}$  roll integrated in the first 90° and a  $\frac{1}{2}$  roll in opposite direction integrated in the second 90°, exit upright

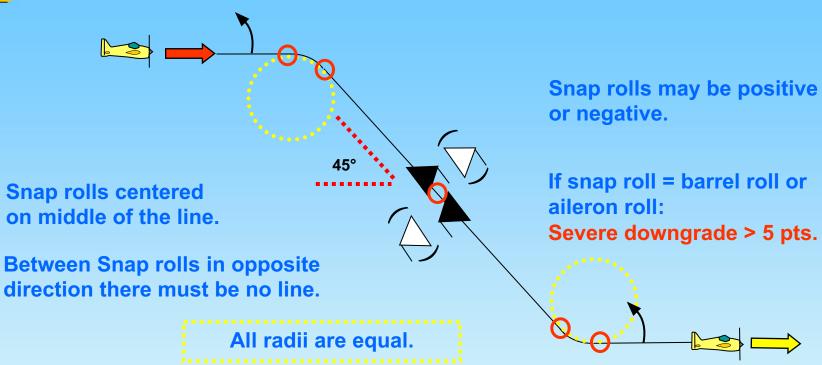


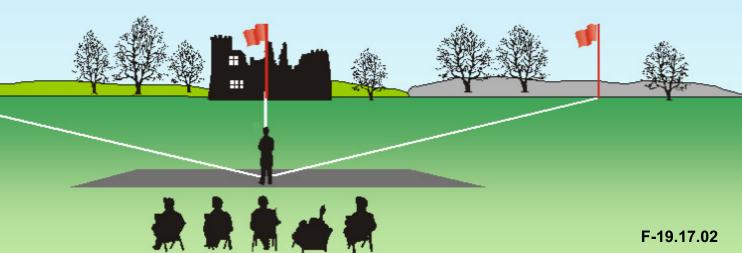






## F-19.17 45° Downline with consecutive ½ roll, two snap-rolls in opposite directions, ½ roll



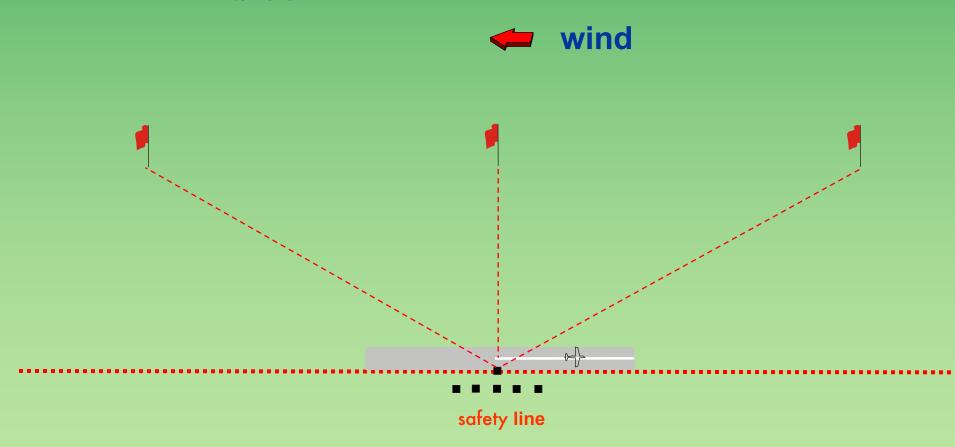




#### **Landing procedure**

(not judged, not scored)

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



#### Forget WHO is flying

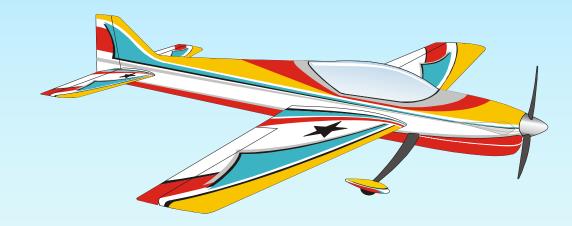
(friend, rival, countryman, flier from other nation)

#### Forget WHAT is flying

(2-stroke, 4-stroke, electric)

# LOOK ONLY AT LINES DESCRIBED IN THE SKY!

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



# Thank you!

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