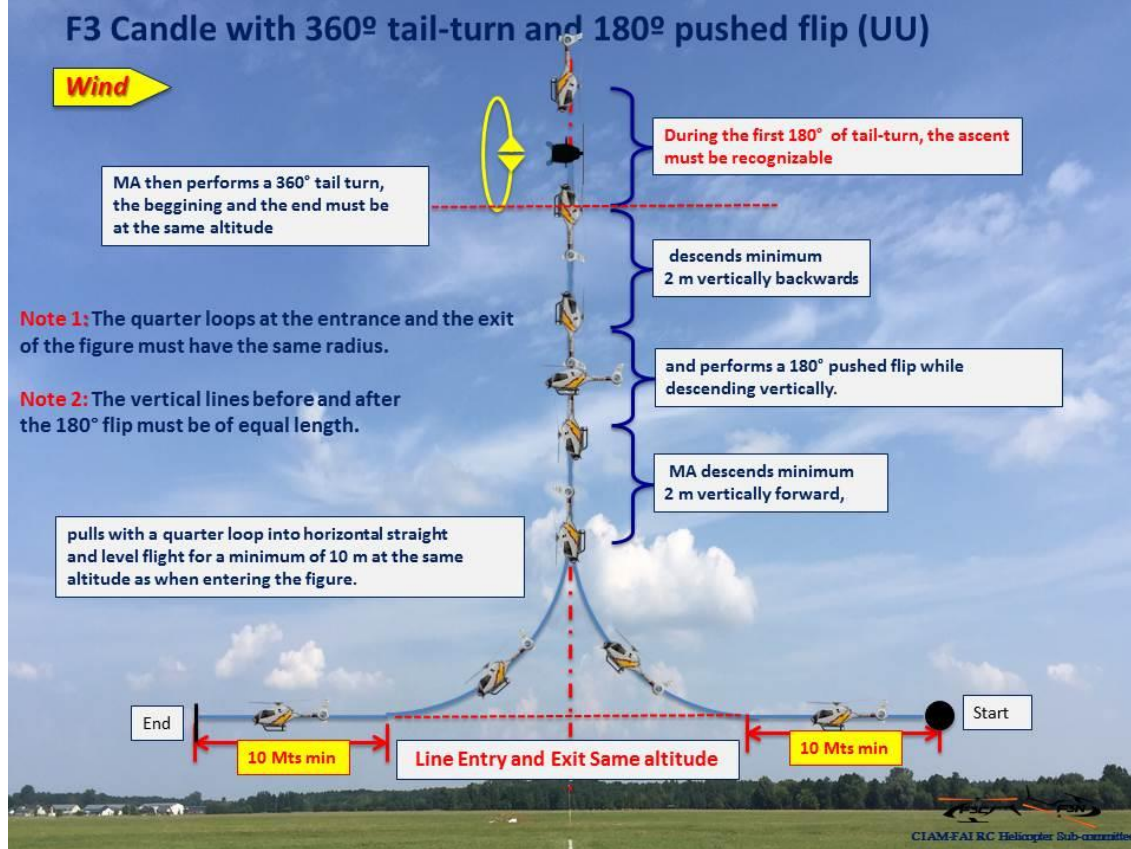


HELP FOR TRAINERS AND PILOTS

F3-Candle with 360°

By Roger Lacôme





F3 : Candle with 360° tail turn and 180° pushed flip. (UU)

K=1.5

MA flies straight and level for a minimum of 10m and pulls up into vertical ascent on center line by doing a quarter loop.

MA then performs a 360° tail turn, descends minimum 2m vertically backwards and performs a 180° pushed flip while descending vertically.

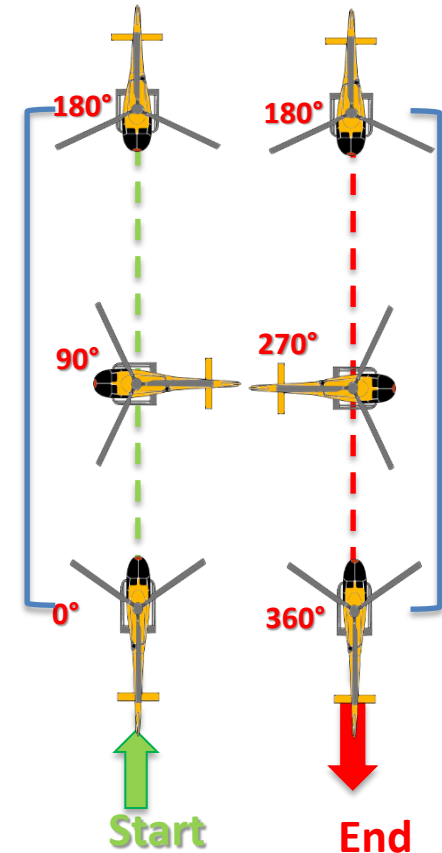
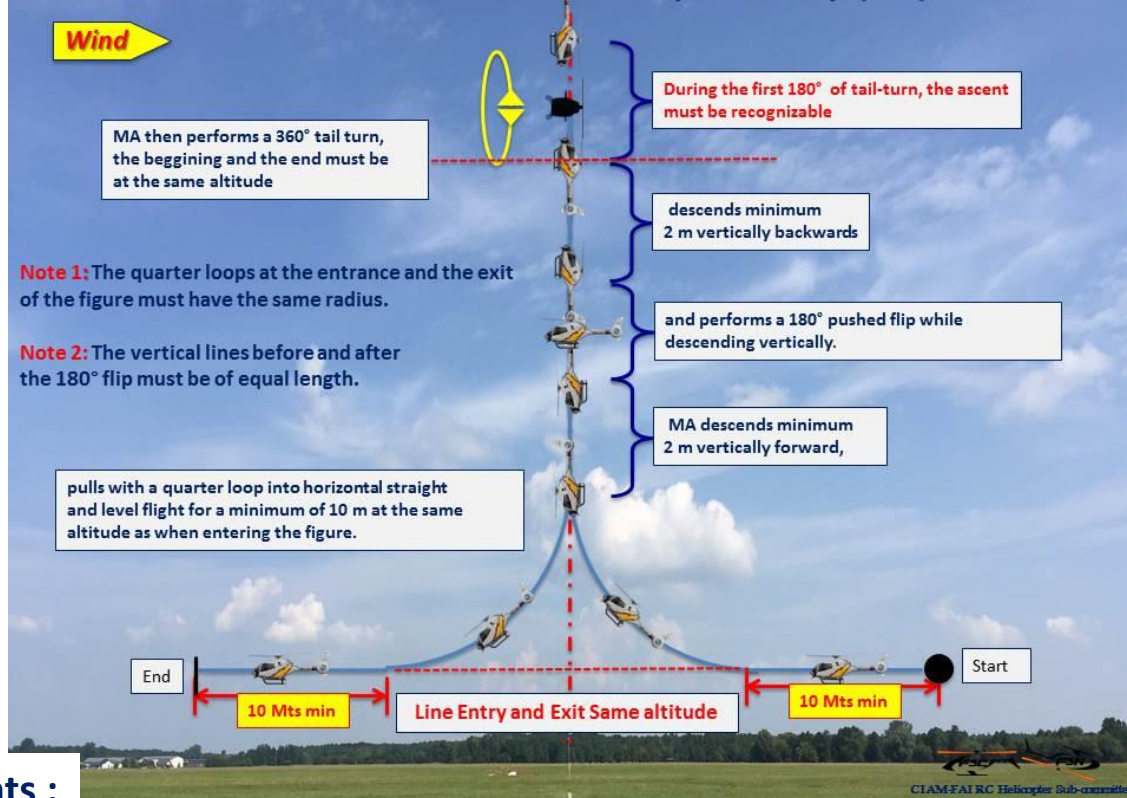
MA descends minimum 2m vertically forward, pulls with a quarter loop into horizontal straight and level flight for a minimum of 10m at the same altitude as when entering figure.

Note 1: The quarter loops at the entrance and the exit of the figure must have the same radius.

Note 2: The vertical lines before and after the 180° flip must be of equal length.

Unofficial note: The direction of rotation of the tail turn is not imposed

F3 Candle with 360° tail-turn and 180° pushed flip (UU)



Comments :

There are two differences with the figure P3-Double candle with descending flip.

- Of course the first with at the end of the ascent a 360° tail turn which must be done with 180° rotation during **the ascent and 180° during the descent.**

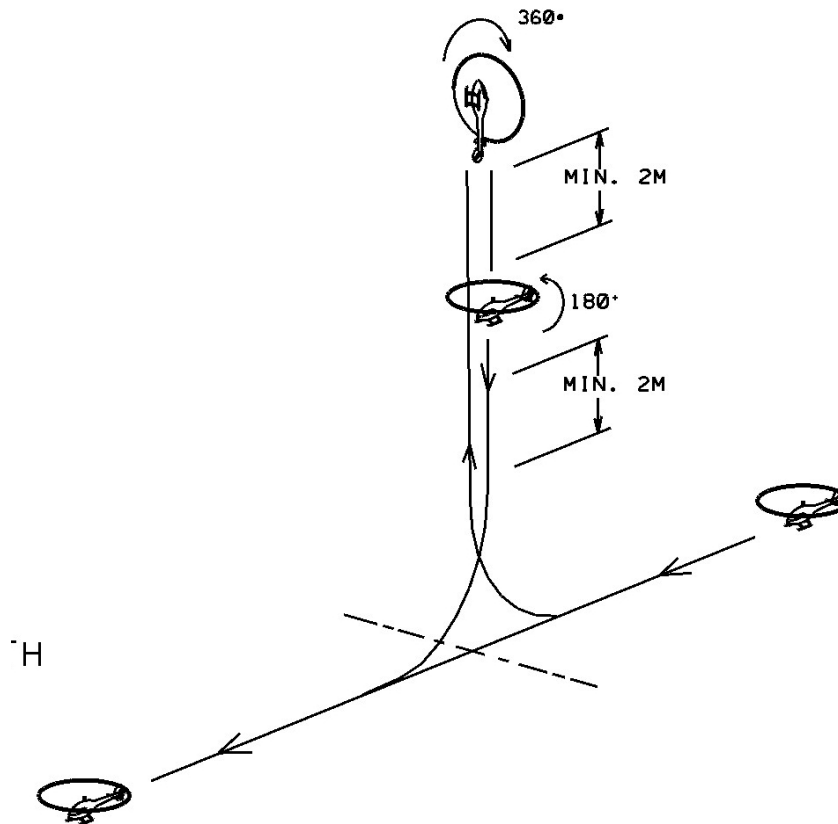
There is nothing to impose concerning the distance of the ascent with the first 180° of rotation, but it would be desirable that it is at least a length of fuselage.

- The second difference is that the distance before and after the flip must be the same length.

Otherwise, as for P3, you have to ascent as high as possible in order to be able to:

- The descent with the second 180° rotation of the tail turn.
- The descent of 2m minimum before the flip.
- The 180° pushed **translated** flip.
- Again a descent of 2m.

F3. CANDLE WITH 360° TAIL TURN
AND 180° PUSHED FLIP



Thanks for your interest

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For Subcommittee the F3CN CIAM-FAI