

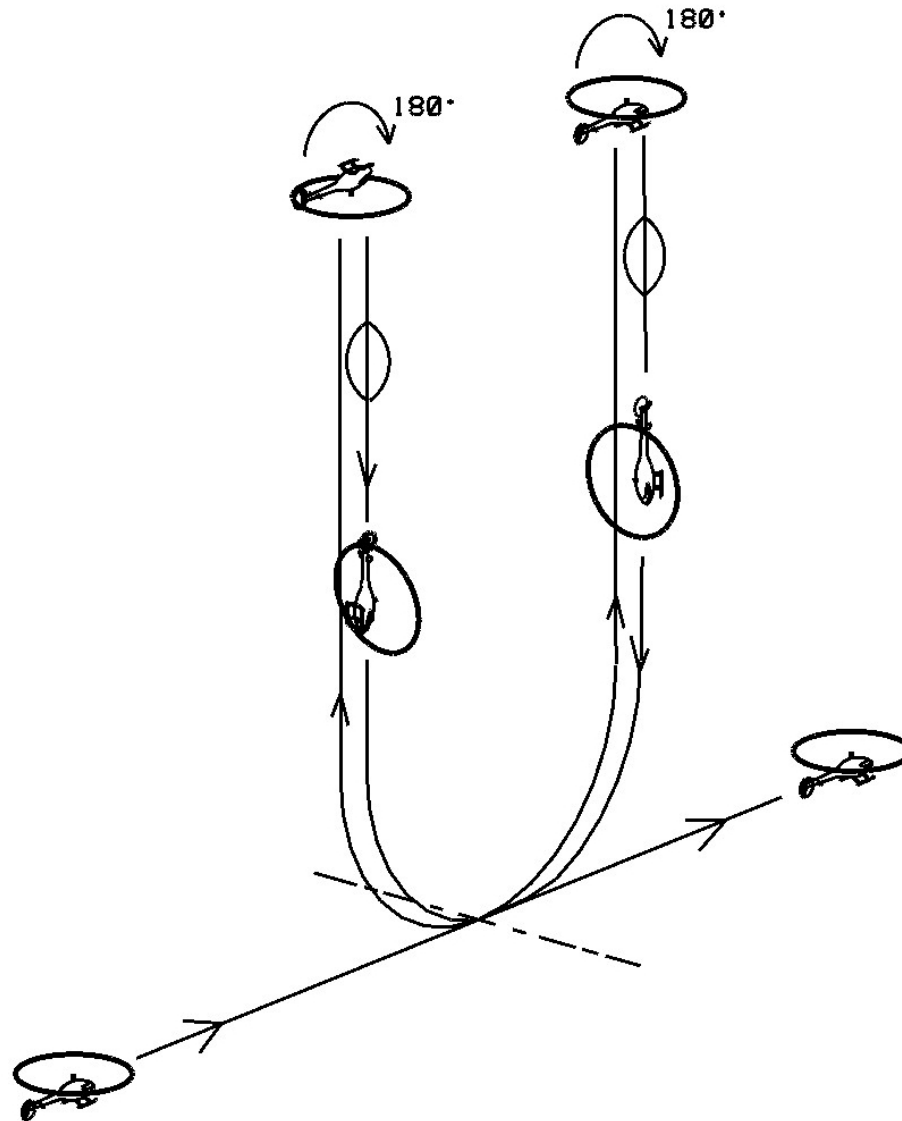
HELP FOR TRAINERS AND PILOTS

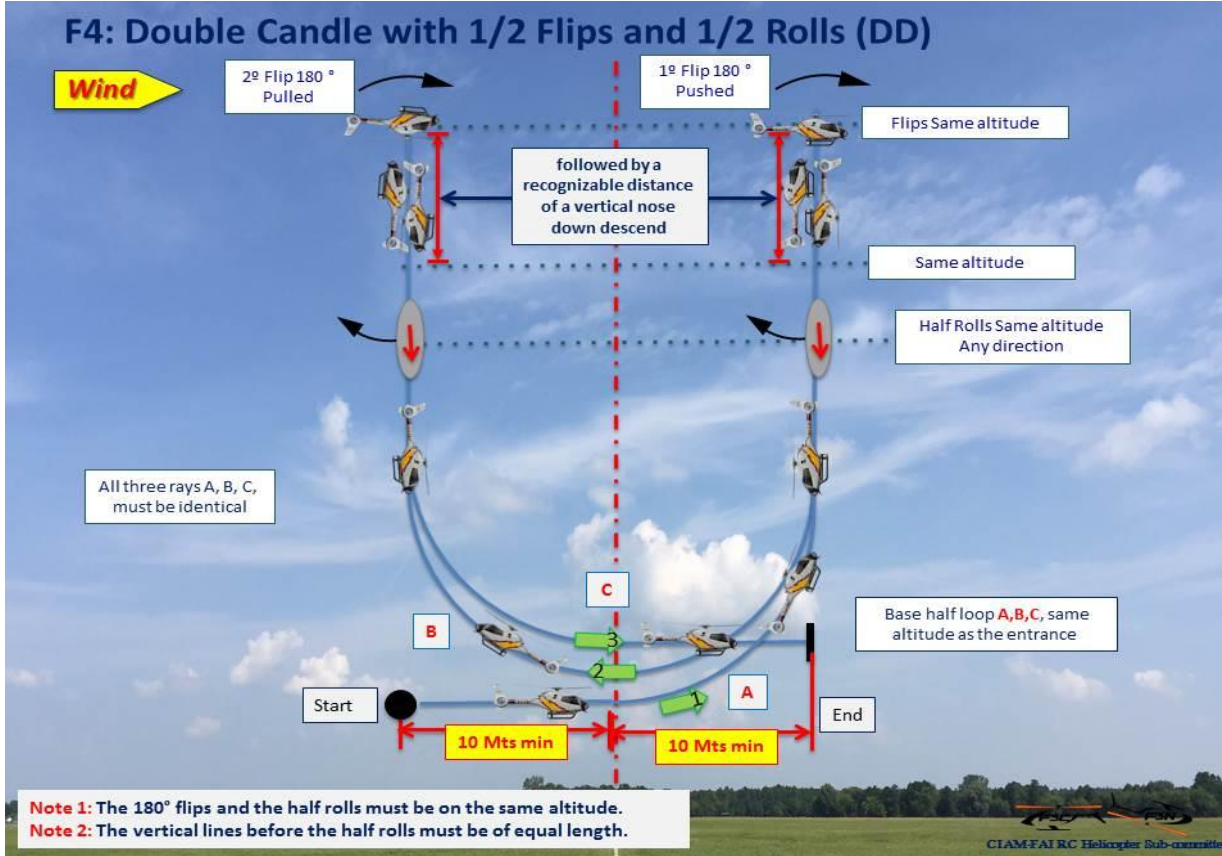
F1-Vertical hourglass

By Roger Lacôme



F4. DOUBLE CANDLE WITH HALF FLIPS AND HALF ROLLS





MA flies straight and level for a minimum of 10m and performs after crossing the center line a quarter loop and pulls up into a vertical ascent.

- At the end of the vertical ascent MA performs a 180° pushed flip followed by a recognysable distance of a vertical nose down descend followed by a half roll in any direction.
- MA performs a half inside loop and pulls up into a vertical ascent.
- At the end of the vertical ascent MA performs a 180° pulled flip followed by a recognysable distance of a vertical nose down descend followed by a half roll in any direction.
- MA performs a quarter inside loop which must end at the center line and exit after a 10m straight line at the same altitude as when entering the figure.

Note 1 : The 180° flips and the half rolls must be on the same altitude.

Note 2 : The vertical lines before the half rolls must be of equal length.

Comments :

Unofficial clarification of note 1:

The 180 ° flips and half rolls are not at the same altitude, the flips are at the top, the rolls lower.

Note 1: The two 180 ° flips must be at the same altitude.

Note 2: The two half rolls must be at the same altitude.

Unlike the figures (P3-Double candle) and (F3-Candle with 360 ° tail turn), it is not necessary to ascent too high for this one because after the half flip, you just have to make a recognizable descent, so relatively short and in addition after the half roll there is no vertical descent, which makes a total length of descent much shorter than for the P3 or F3.

Conclusion: This figure requires much less speed.

This does not mean that this figure is relaxed!

The trajectories of each ascent / descent must already be superimposed.

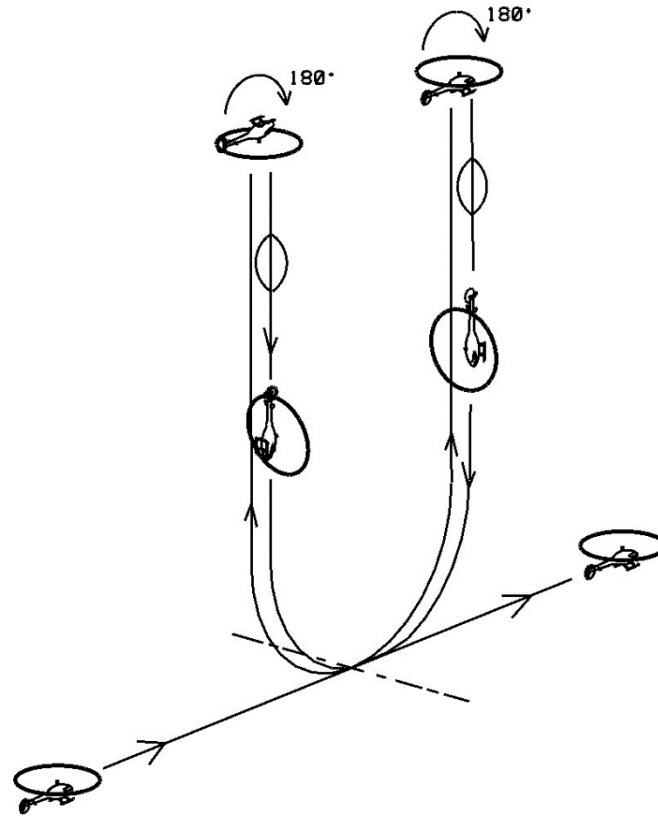
Then the second ascent path must be at the same distance from the center line as the first.

Note: I would remind you that to check this point, the trainer must use the flags F1 and F2 while checking that the flight plan is indeed parallel to the judges' line.

Then it gets complicated, it is necessary that the 180 ° pushed / Pulled flips are performed at the same altitude, do not deviate from the flight plan and descend on the same trajectory.

As this is not enough, the quarter loop must end at the crossing of the center line.

F4. DOUBLE CANDLE WITH HALF FLIPS AND HALF ROLLS



Thanks for your interest

**Training by Roger Lacôme
Power Point by Eladi Lozano
For Subcommittee the F3CN CIAM-FAI**