

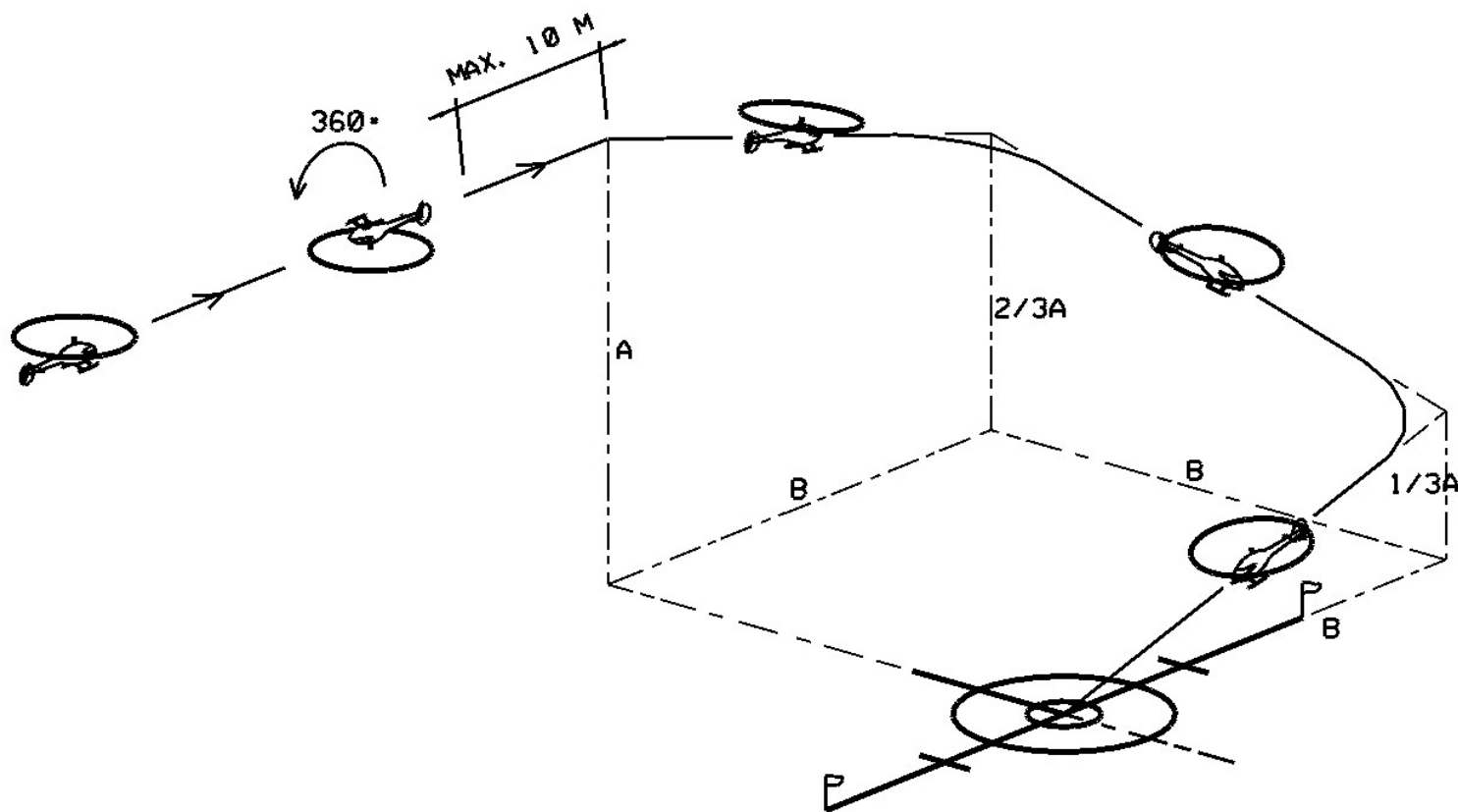
HELP FOR TRAINERS AND PILOTS

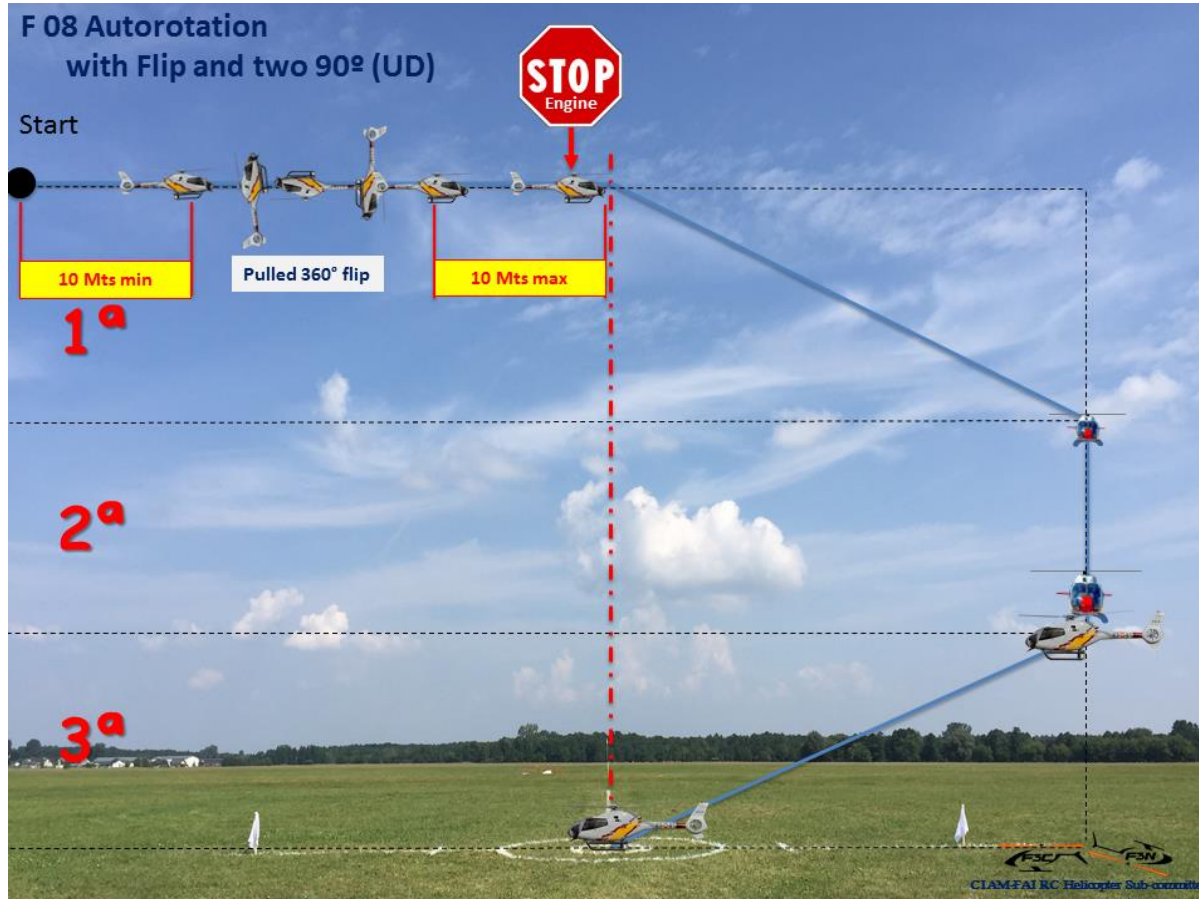
F8-Autorotation with flip

By Roger Lacôme



F8. AUTOROTATION WITH FLIP AND TWO 90° TURNS

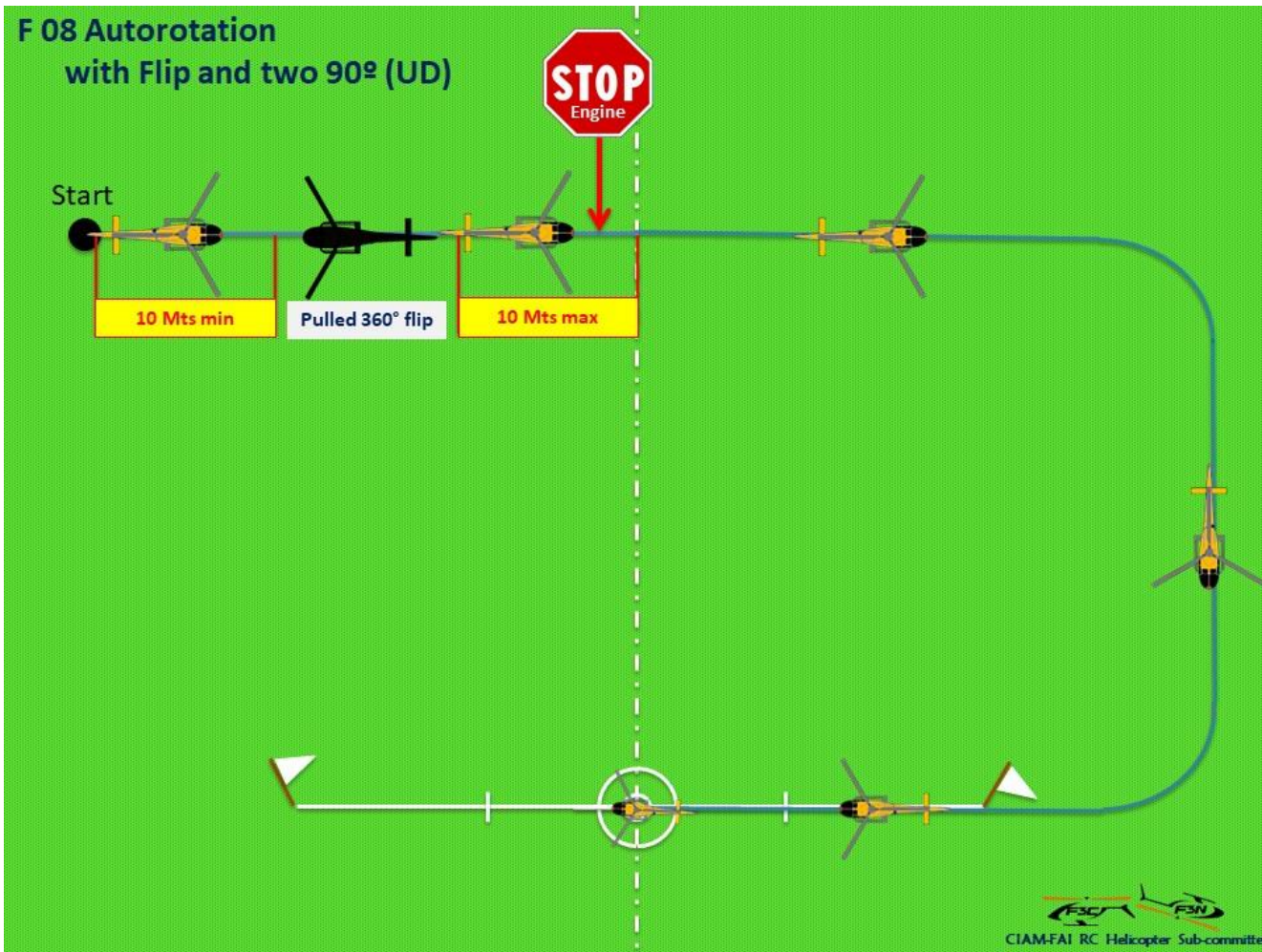




- MA flies straight and level flight for a minimum of 10m performs a pulled 360° flip in horizontal movement, flies horizontal straight and level for a maximum of 10m and turns off the engine (or at idle) during this straight flight period, just before reaching the center line.
- MA executes 3 constantly descending sides with two 90° turns in the direction of the pilot and lands against the wind into the helipad.

Note 1: The descent rate must be constant to a point just before touchdown on the helipad.

Note 2: Parts of the second side, the second 90° turn and the beginning of the third side may be flown out of the 60° flight window.



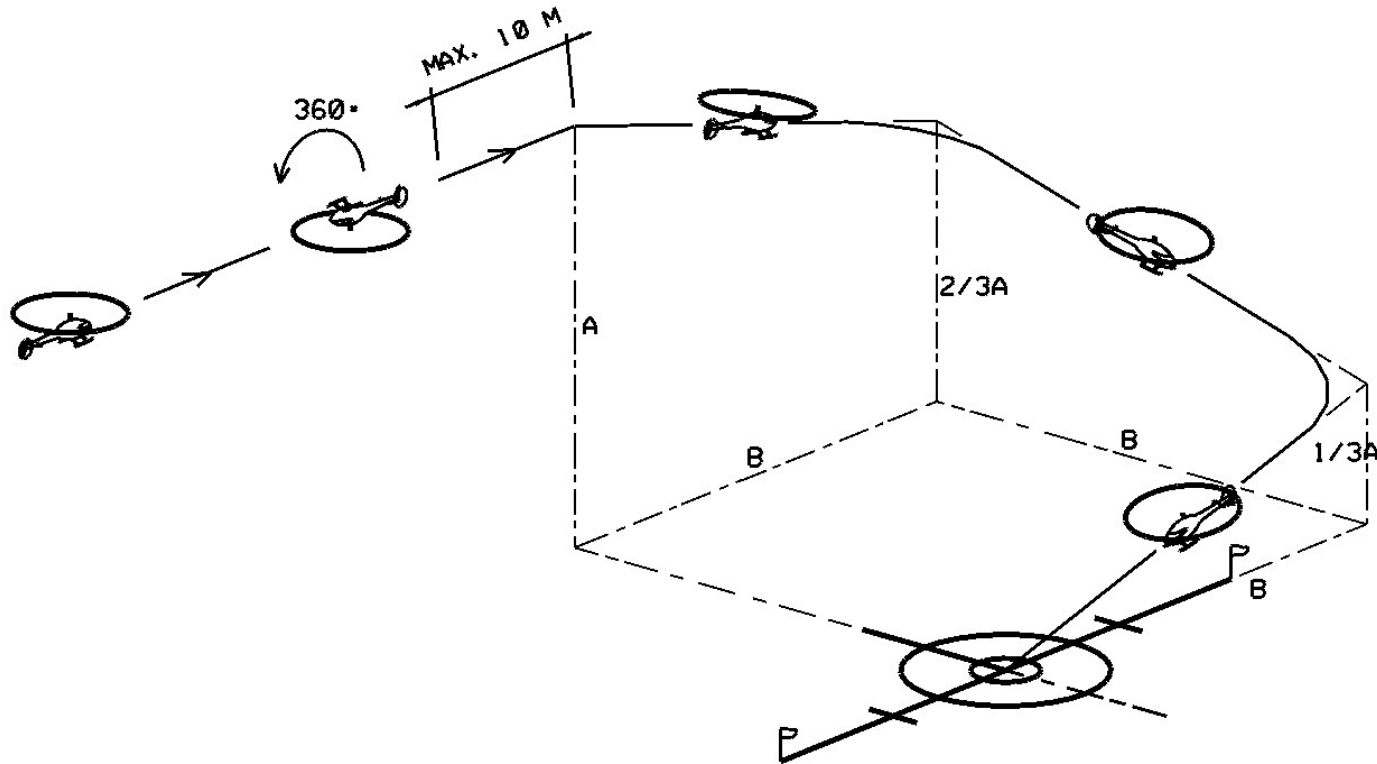
Comments :

Attention, as much after the "start" the straight line can be more than 10m, while that after the flip must be at most 10m.

Of course after the second 90° turn the helicopter does not go towards the pilot but towards the central circle.

As with the P9 180° autorotation, the trajectory at the end of the journey should not be changed.

F8. AUTOROTATION WITH FLIP AND
TWO 90° TURNS



Thanks for your interest

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