

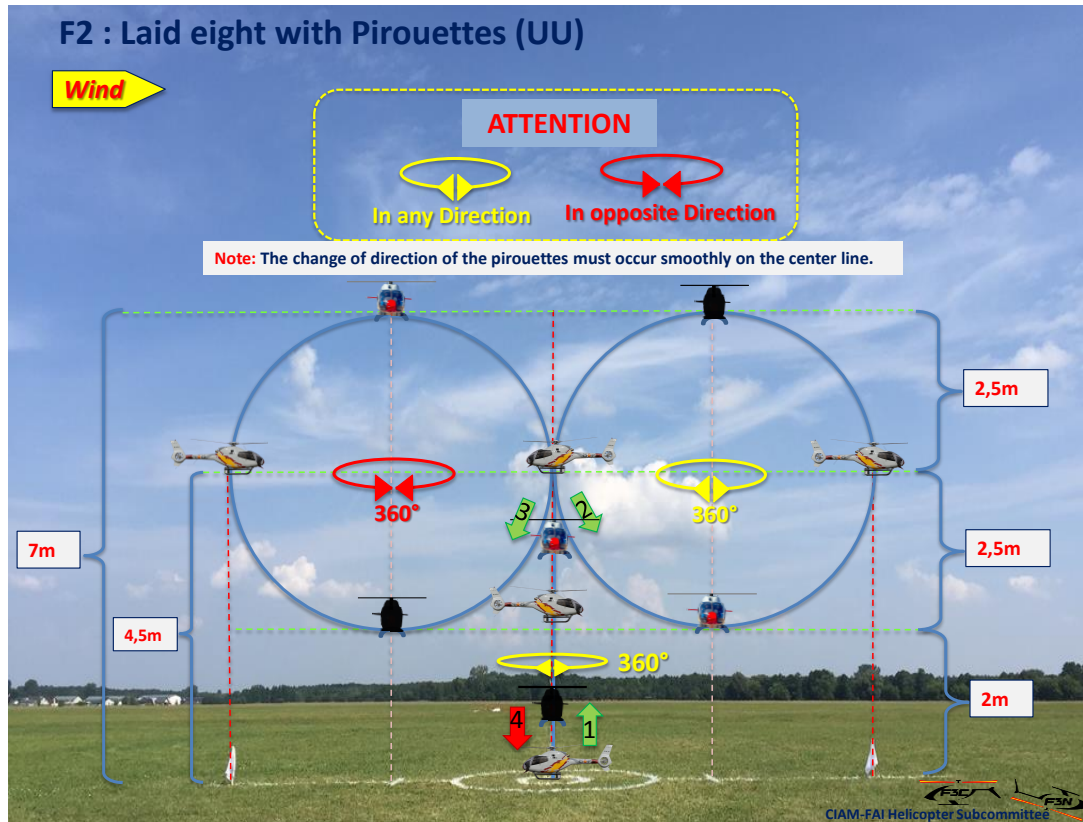
HELP FOR TRAINERS AND PILOTS

F2-Vertical eight with pirouettes 360°

By Roger Lacôme



F2 : Laid eight with Pirouettes (UU)



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K=1.5

MA takes off vertically from the helipad and ascends to 4.5 m while performing simultaneously a 360° pirouette in any direction, then hovers there for at least two seconds.

MA flies backwards and descends describing a vertical circle with a radius of 2.5 m while simultaneously performing a 360° pirouette in any direction.

MA flies forward and descends describing a vertical circle with a radius of 2.5 m while simultaneously performing a 360° pirouette in the opposite direction, stops and hovers for at least two seconds over the helipad.

MA descends and lands into the helipad while simultaneously performing a 360° pirouette in any direction.

Note: The change of direction of the pirouettes must occur smoothly on the center line.

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Wind

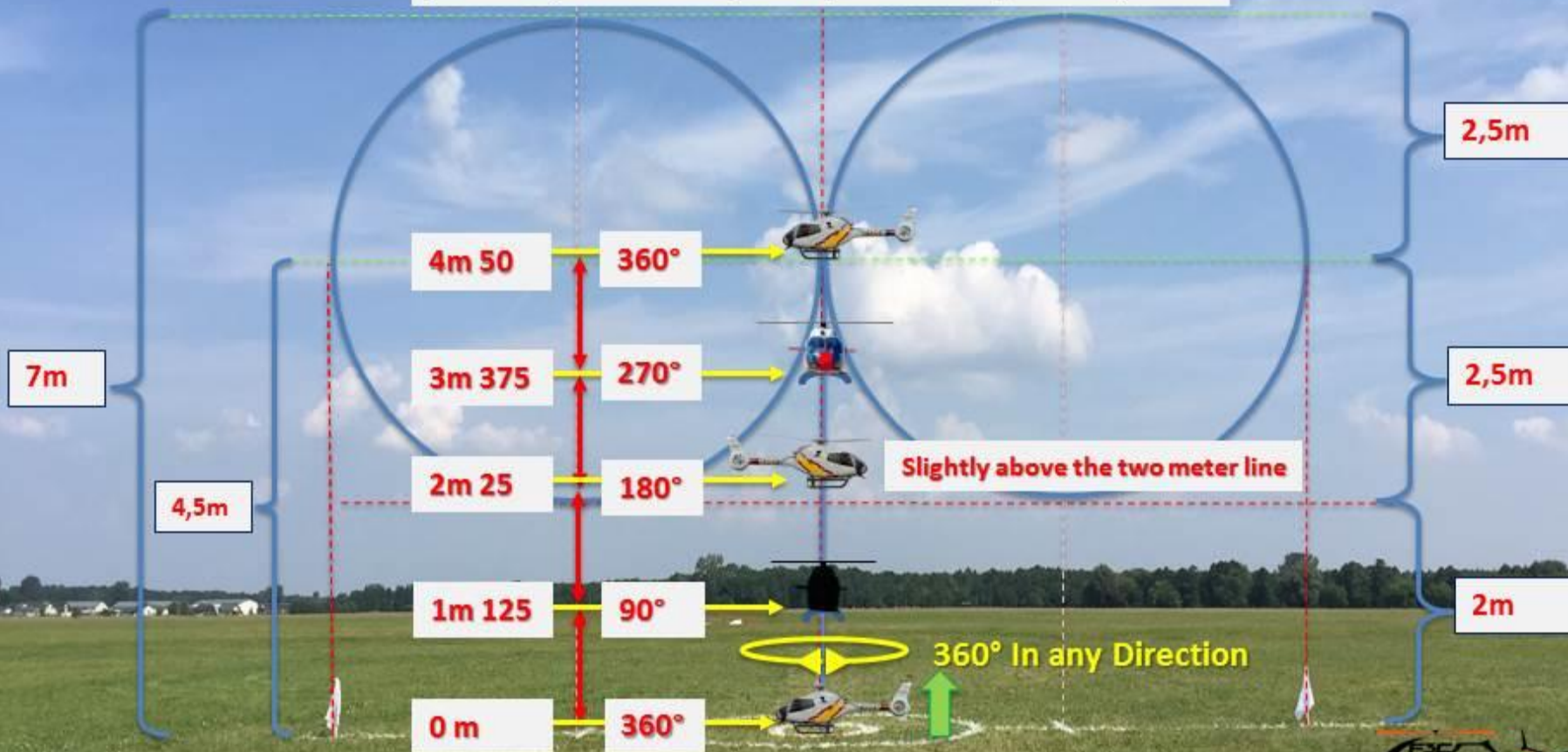
Performance

ATTENTION

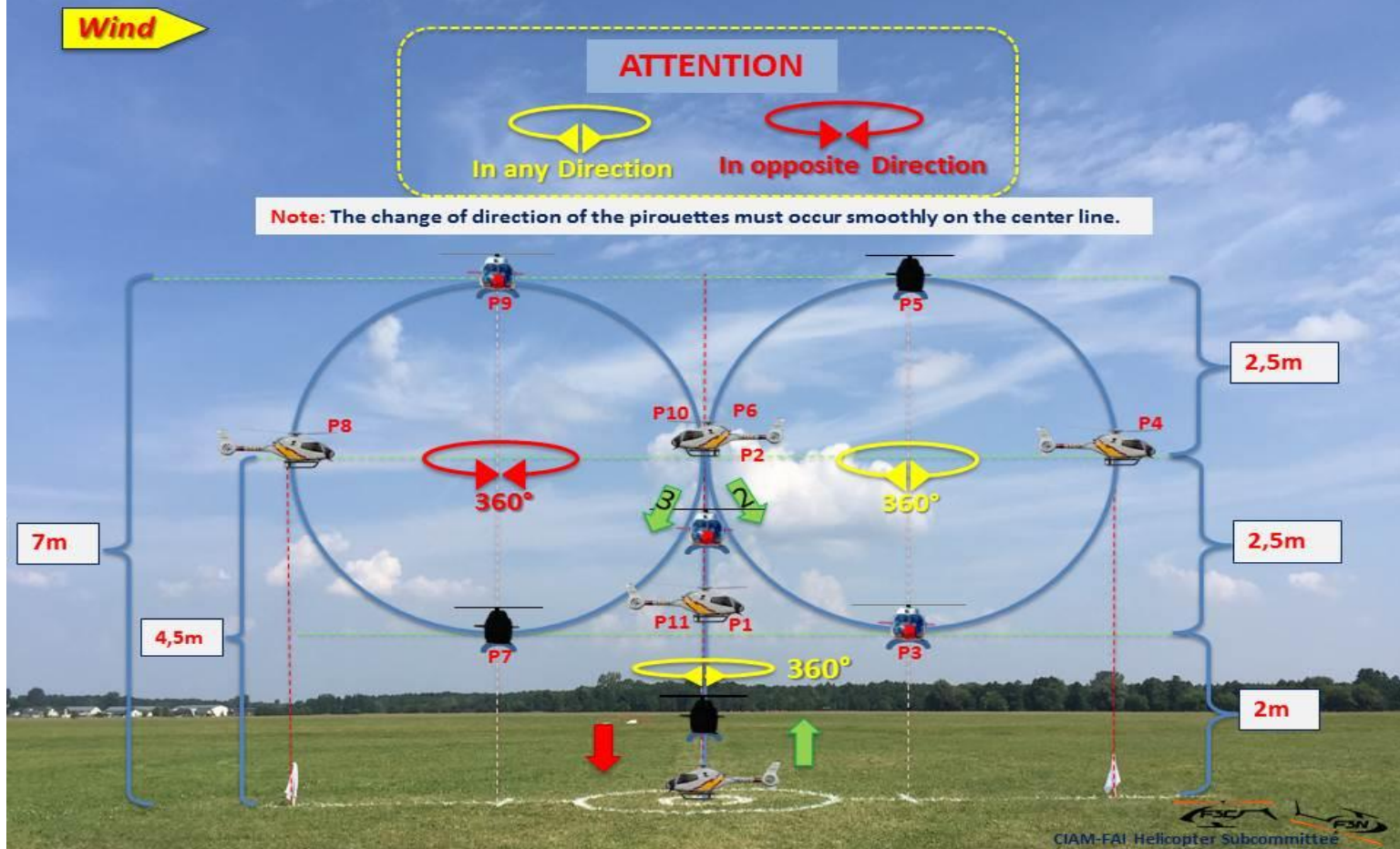
In any Direction

In opposite Direction

MA takes off vertically from the helipad and ascends to 4.5 m while performing simultaneously a 360° pirouette in any direction,



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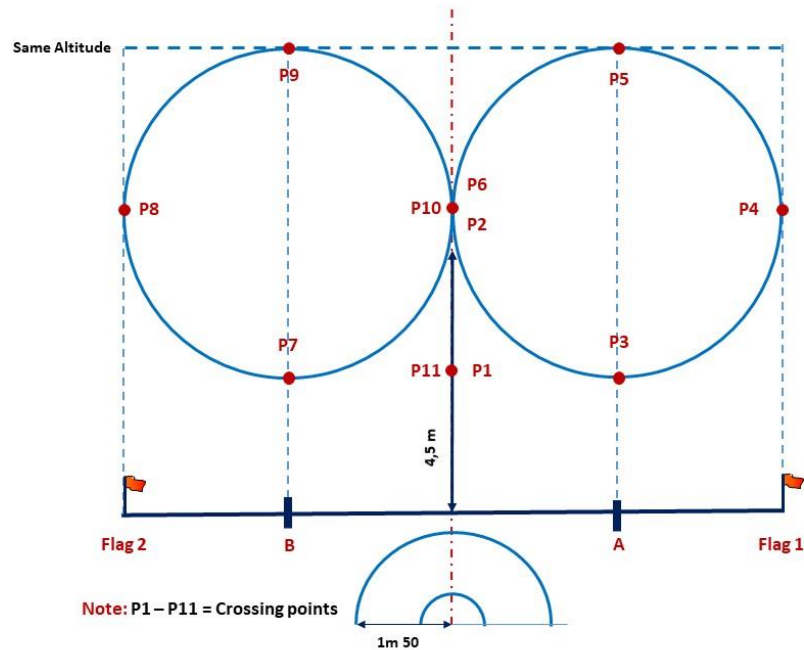


Comments :

It is important not to underestimate the ascent to 4.50m because when the helicopter has made 180° of rotation (P1), it will have to be at 2.25m in height and not at 2m, if this point is not respected the penalty is from 0.5 to 1.0 point depending on the height difference, so the trainer must be vigilant on this point.

Then at the end of the ascent (P2), the trainer must check that the helicopter has not gone deep. After of course, while always moving on the line of the judges he must check:

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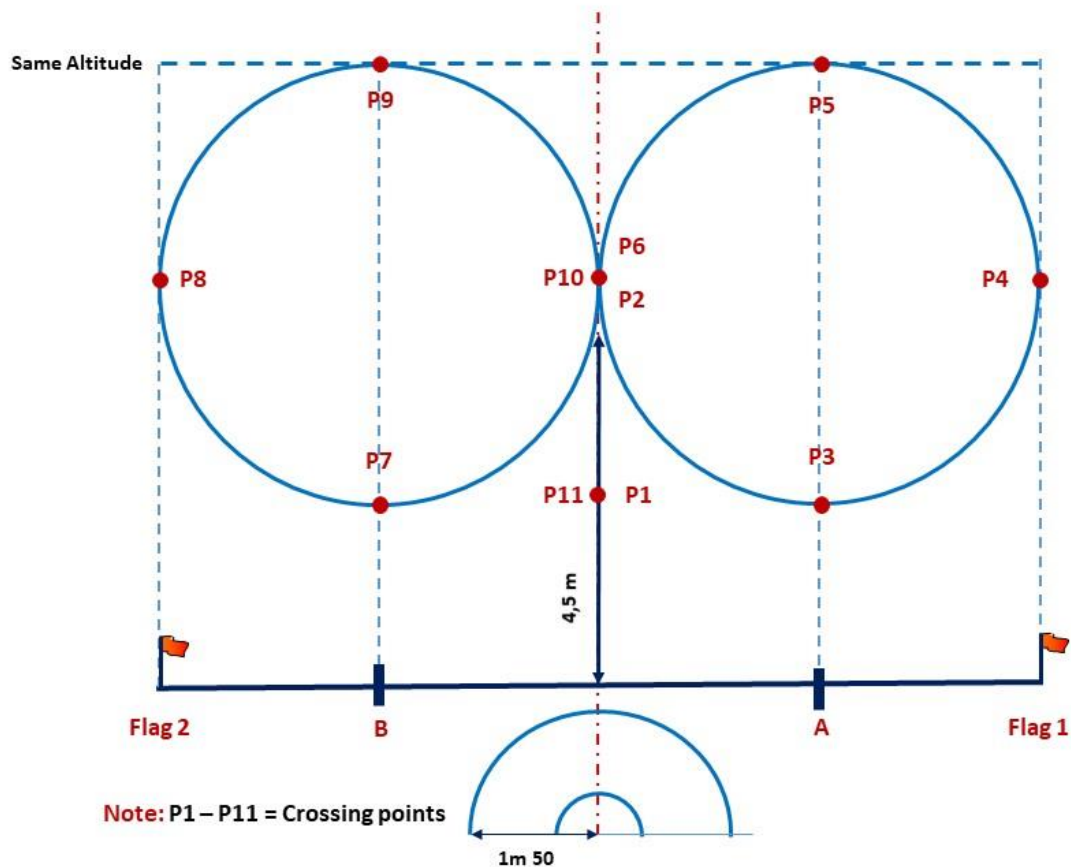


After of course, while always moving on the line of the judges he must check:

- If the circle is round.
- When the helicopter is vertical to the "A" mark (P3), it should be 90 ° and 2m high.
- It is not only vertical to the F1 flag (P4), but also at the same height as in (P2).
- When it is again vertical to the "A" mark (P5), it should be 90 ° and 7m high.
- When the helicopter has completed the circle at point (P6), it must be at the same height as at the start of the circle.
- The same comments apply for the second circle at the end, the waypoints (P2) / (P4) / (P6) / (P8) and (P10) must be at the same altitude.
- And to finish during the descent it will again be necessary that when the helicopter is again at 90 ° it will have to be again at 2m25.

Of course, it goes without saying that the rise / descent of 4m50 and the rotation of 360 ° must have a constant rate.

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Thanks for your interest

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For Subcommittee the F3CN CIAM-FAI