

F3 Helicopter Volume of the 2012 Sporting Code

Annex 5D – F3C Manoeuvre Descriptions & Diagrams – important update.

At the 2012 CIAM Plenary meeting, the text, in bold below, was unanimously approved to be added to the rule.

The implementation date is **01 May 2012**.

5D.2 P10 Autorotation with two 90° turns – (DU)

MA flies at a minimum altitude of 20 m. Manoeuvre begins when MA crosses an imaginary plane that extends vertically upward from a line drawn from the centre judge out through the helipad. MA must be in the autorotation state when it cuts this plane. The engine power must be reduced to idle (or off) at this point and the MA must be descending. The first 90° turn must be made after the MA has made 1/3 of the total descent. After this turn the MA must fly straight before the next turn is made after the MA has made 2/3 of the descent. The MA then flies straight down to the helipad. Each leg of the manoeuvre must be a minimum of 10m in length. The descent rate must be constant from start to a point just before touchdown on the helipad. The flight path of the MA must appear as an open square when viewed from above, starting at the vertical plane and ending at a line drawn from the centre judge through the helipad. **If the helicopter flies out of the 120° window during the second turn it shall not result in a downgrade of 2 points.**

Scoring criteria for landing: See ANNEX 5E Paragraph 5E.6.10.

CIAM Technical Secretary, 04 May 12