

6th HELI Meeting - "Fast & Sharp" CONTEST Rules (Skill contest for radio controlled model helicopters pilots)

Allowed models

All radio controlled models helicopters with not more than two rotors (main + tail, dual rotors, dual coaxial rotors, ...) are allowed.

Control rules

Manual control by a single pilot looking at the model, without the help of other people, it is admitted only

It is therefore prohibited:

- FPV in all its forms
- Autopilot based on GPS or other sensors. Electronic stabilization units that replace the flybar are admitted only.

Track and attempt execution

Close to the pilot position, on the grass, there is an helipad, 3x3 m square approximately, delimited by tape on the ground, placed at a suitable safety distance from the pilot.

To the right, about 75 meters from the pilot will be positioned a reference (cone, bollard, ...).

The attempt will be as follows: take off from the helipad, right pass over the reference and landing on the helipad.



There will be:

- A time-keeper, behind the pilot.
- A trail judge in line with the reference, in a safe area.

At the timekeeper start signal the pilot takes off the model from helipad, proceeds in the direction of the reference until the model overtakes it on the right, come back and lands within the limits of the helipad (The path is free; the blue trace shown in the figure is for reference only).

As soon as the model exceeds the reference (as in the picture, when the model is at the right of the reference with respect to the pilot) the path judge warns with an audio signal, audible by the driver and by the timekeeper.

The timekeeper stops the time when the model firmly touches the ground within the helipad.

Rules

The trial is deemed VALID only if:

- the model leaves the ground after the start signal, at the discretion of the timekeeper.
- the trail judge, in its sole judgment, emitted the validation sound.
- the model lands within the helipad, without leaving it with any part thereof, at the discretion of the timekeeper.
- in case of hard landing (with parts of the model detached), the receiver remains within the helipad, at the discretion of the timekeeper.

The attempt is FAILED if:

- the model touches the ground outside the helipad.
- the model does not exceed the reference to the right, that is, if the path the judge does not emit validation sound.

Each pilot can make 2 attempts. The second attempt is made immediately after the first. If the model is damaged / unusable for the second attempt, the pilot can make the second attempt after the test of all the others.

The starting order will be drawn at random and announced at the beginning of the test. Every rider has one minute of time from the call to be ready to start on the helipad. Any delay will be considered as a failed attempt and the pilot can perform the second attempt after the attempt of all the other pilots.

The measured times will be announced at the end of all attempts.

There will be 2 rankings category, awarding the top 3 in each category:

- Team Pilots (sponsored riders, NOT participating in the lottery "Fly & Win").
- Amateurs (NOT sponsored riders, "Fly & Win" raffle participants).