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	Aeromodelling – F3N – RC Helicopters Freestyle	

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WHAT IS RC HELICOPTERS FREESTYLE?

RC Helicopters Freestyle, also known as F3N, is a spectacular event especially implemented to demonstrate the skills of the pilots in performing so-called 3D maneuvers. This freestyle class for the FAI World Air Games event will have two different flying schedules:

1. Flying Freestyle where some of the pre-defined maneuvers can be included but the flying routine is entirely put together by the pilot.
2. Flying Freestyle to Music. In this schedule, the pilot must show his ability to follow the music (like a dancer) and not only fly “aggressively to aggressive music”.

Helicopters use powerful electric motors especially designed and built for this purpose.

WHAT DO YOU HAVE TO DO TO WIN?

Pilots perform in a series of four rounds. Two Flying Freestyle and two Freestyle to Music rounds are scheduled. The pilot has to develop two routines for the Flying to Music. Each routine with accompanying music is different from the other one. In each round the judges award points to the pilot depending on the performance. The pilot with the highest number of points wins.

HOW IS IT SCORED?

The flights for the FAI World Air Games are judged by a panel of three international judges who award points on different criteria ranging from precision in freestyle maneuvers, and harmony in flying to music.

Freestyle Flight

Each competitor is given a flight timeframe of at least three, and no more than four minutes. During this time there are no restrictions on the flight or the maneuvers performed except those regarding safety. The playing of music is not allowed.

Music Freestyle Flight

The same criteria as in Freestyle, but the playing of music during the flight is prescribed. The flight time begins when the helper gives a distinctive hand signal and finishes only with another distinctive helper's hand signal.

TELL ME MORE!

The model helicopters used for F3N performance are purpose-designed, radio-controlled helicopters capable of remarkable maneuverability. They are equipped with specially made electric motor and the weight limit is 6,5 Kgs. Carbon fiber and similar technology composite materials are used extensively for the frame or the fuselage of the model helicopter. Highly sophisticated electronics including gyros are adding extra maneuverability which assist the pilot for better flying performance.

“Spectacular 3D maneuvers”