

OMFC Flying Only Rules v1.3

Eligibility

Any powered model of a person-carrying aircraft is eligible

Electronic Motion Stabilising Devices (EMSDs) or Gyros

The use of these devices is restricted to low-wing models only. The use of these devices is also restricted to one axis only. Devices which provide altitude, heading or speed hold and active GPS devices are not permitted.

Documentation

Proof of scale documentation is not required but if the model is of an obscure subject unlikely to be recognised by the Flight Judge, the competitor must be prepared to provide proof of validity of the subject by means of a photograph or published drawing

Flight Judging and Scoring

Each competitor will have the opportunity to make 4 flights at the Contest Director's discretion. An official flight shall be recorded when the competitor releases the model with the intention of making an official flight. The competitor must notify the Judge when he is ready to release the model

The model must remain airborne for at least 15 seconds for the flight to be judged and a qualifying flight score returned.

Each official flight will be marked between 0 and 10 for each phase of the flight with the relative importance of each phase being determined by a K - Factor as below.

The Take-off is not marked

(a) Initial climb	K = 15
(b) Cruise	K = 30
(c) Transition	K = 10
(d) Descent	K = 15
(e) Realism in Flight	K = 20
Total K = 90	

The Flight Judge awards marks out of 10 for each phase of the flight. These marks are then multiplied by the appropriate K - Factor and aggregated. There are no flight bonuses.

The single best Total flight score will be used to determine the winner. In a tied final score, the next best flight score will be taken into account to determine placing.