

Competition Rules BAF AEROMODELLING

2025 Edition
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Approved by
the 1st General Assembly of the
BAF Airsports Federation
on 6/4/2025

BAF FREE FLIGHT INDOOR F1N CATEGORY

BAF CLASS F1N – INDOOR HAND LAUNCH GLIDERS

1. Definition Model aircraft which is flown in an enclosed space and which is not provided with a propulsion device and in which lift is generated by aerodynamic forces acting on surfaces remaining fixed in flight.

2. Characteristics

Models with variable area (e.g. folding wings) are not permitted. The number of models eligible for entry by each competitor is three.

The competitor must be the builder of the models entered.

The model shall carry the BAF unique ID number of the competitor on the upper surface of the wing.

3. Number of Flights

The competitor shall be allowed 15 flights. (5 flights × 3 attempts = 15 flights)

4. Definition of an Official Flight

a) The duration achieved on the first attempt unless this attempt is unsuccessful under the definition (5)

b) The duration achieved on the second attempt. If the second attempt is also unsuccessful under the definition (5) then a zero time is recorded for the flight.

5. Definition of an Unsuccessful Attempt

An attempt is classed as unsuccessful if the model is launched and at least one of the following events occurs: If this happens on the first attempt then the competitor is entitled to a second attempt.

a) The model collides with a person or an object held by a person (the competitor excluded);

b) The model collides with another model in flight;

c) It is apparent to the timekeepers that a part of the model becomes detached during the launch or during the official flight time.

6. Timing of Flights

The flights must be timed by two timekeepers with electronic stopwatches with digital readouts. The time recorded is the mean of the times registered by the timekeepers, but reduced to the nearest one tenth of a second below the resulting mean time, unless the difference between the times registered shows evidence of an error in the timing, in which case the organiser should determine, with the Jury, which time should be registered as the official time or what other action should be taken.

Timekeepers.

Provide each starting position with two timekeepers in BAF Championships per competitor.

The timekeepers must familiarise themselves with the colour and shape of the model in order to recognise it during the flight.

The timing of each flight shall commence when the model is launched.

Timing will terminate when:

a) the model comes to rest on the floor of the building.

b) the model comes into contact with any part of the building or its contents other than the floor and translational movement ceases.

7. Overall Classification

The total of the five best flights of each competitor shall be taken for the final classification. In the case of a tie the six best flight decides and so on in the case of a further tie.

a) classification for seniors if more than 15 plus classification for juniors if more than 6, and classification for female if more than 10, other wise one overall category.

Fly off

The first of 30% of competitors will fly another 9 flights fir finals.(3flights x3 attempts =9 flights) The total of the three best flights of each competitor shall be taken for the final classification. In the case of a tie the fourth best flight decides and so on in the case of a further tie.

8. Launching

Launching is by hand, the competitor standing on the ground. Jumping is allowed.

Ceiling Height Categories

The following ceiling height categories are recognised for contests and records:

I- less than 8 metres

II- between 8 and 15 metres

III- between 15 and 30 metres

IV- higher than 30 meters

The height of the ceiling is defined as the vertical distance from the floor to the highest point at which a circle of 15 metres diameter can be inscribed, below the primary structure of the building.