

## Rules for F1N

### International Indoor Fly In

Version: 2017



*Nijmegen, Netherlands*

### 3.7 CLASS F1N – FF INDOOR HAND LAUNCH GLIDERS

#### 3.7.1 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.

#### 3.7.2. 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.

#### 3.7.3. Number of Flights

The competitor shall be allowed 9 flights.

#### 3.7.4. Definition of an Official Flight

- a) The duration achieved on the first attempt unless this attempt is unsuccessful under the definition of 3.7.5.
- b) The duration achieved on the second attempt. If the second attempt is also unsuccessful under the definition of 3.7.5, then a zero time is recorded for the flight.

#### 3.7.5. 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.

#### 3.7.6. 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.

From F1.2, only F1.2.1 and F1.2.2 apply to class F1N.

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.

### **3.7.7. Classification**

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.

### **3.7.8. Launching**

Launching is by hand, the competitor standing on the ground. Jumping is allowed. The requirement in 1.3.1 of Section 4C that models must be launched with one hand holding the fuselage does not apply to F1N.

### **3.7.9. 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 Class
- 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.