

F4D Open Scale, Rubber Rules

International Indoor Fly In 2008

See: Remark in General Rules.

6.6 SCALE INDOOR FREE FLIGHT (Rubber Powered)

6.6.1 General Characteristics

Maximum weight.....200 g (including motor)

Maximum wing loading.....15 g / dm²

Motive Power.....extensible motors (rubber) only

6.6.2 Definition of an Official Flight

An official flight shall be recorded when the model has been airborne for 15 seconds.

6.6.3 Number of Flights

Each competitor shall have the opportunity to make a minimum of four flights.

6.6.4 Flying Time

A minimum period of 15 minutes shall be allocated for trimming before the competition begins and the competitor must be called five minutes before he/she is required to occupy the starting area. Failure to comply will result in the loss of the flight. The model will be released, after notifying the flight judges, within a period of 3 minutes, plus one minute for each additional motor. Only one release is permitted during the allocated time.

6.6.5. Flight

a.	Take-off	K = 15
b.	Initial Climb	K = 12
c.	Descent and landing approach	K = 19
d.	Quality of landing	K = 17
e.	Realism in flight	K = 37
	Total K	K = 100

6.6.6 Complexity Bonus

The flight score shall be subject to a complexity bonus as listed in the following schedule. All bonuses are additive. The best flight score shall be factored by the appropriate total bonus, to become the scoring flight.

Engines (on different thrust lines) Bonus

Single	0 %
Two or more engines	10%

Note- To qualify for the multi-engine bonus each propeller must be driven by a separate engine unless this was not the case with the prototype modelled. The engines must deliver similar levels of power.

Undercarriage

Fixed	0 %
Retractable (remains up for landing)	10%
Retractable (lowers again for landing)	20%

6.6.7 Marking (Flight Points)

Each part of the flight, as defined in 6.6.5, will be awarded marks between 0 and 10 by each judge during the flight. These marks are then each multiplied by the appropriate K factor and aggregated before the bonuses are applied as described in 6.6.6.

6.6.8 Flight Score

The flight score shall be the aggregate sum of points awarded by the judges as described in 6.6.6 and 6.6.7.

6.6.9 Total Score

Add the points earned in 6.1.11 to the best flight score as defined in 6.6.8.

Note - Static judging is to take place at a minimum distance of 1.5 metres for items 1 to 5 in 6.1.11, and 0.5 metre for items 6 to 8 in 6.1.11.

6.6.10 Judges Guide

See Annex 6d - Judges Guide to Scale F/F Flying Schedule.