



International 'Multiplex DogFighter' Class Rules

Version 1.02 - 30th January 2011

General

These regulations have been provided to ensure that all countries can compete in a fair and equal environment.

The regulations are based on one-design principles but with some freedom of construction and layout. We will strive to keep the rules as simple as possible whilst ensuring that the cost of maintaining a competitive plane is tightly controlled.

With this in mind we would ask all pilots to adhere to the spirit of these rules and not seek to gain advantage by manipulation of the wording through translation or other means.

These regulations are designed primarily for International competition, however any Nation is welcome to adopt these rules for their own National competition.

These regulations use a 'Multiplex DogFighter' built from the standard instructions supplied by Multiplex as a base line.

Regulations

1. **Plane**

- 1.1 Plane must be an original version of 'Multiplex Kit DogFighter # 21 4250'. Its components may not be modified in any way, except 'Decal sheet' that can be freely used.
- 1.2 Rudder system shall be used as described in the original building instructions.
- 1.3 No extra covering or any 'glass-aspect' surface treatment is allowed. Only original 'Elapor-Color' painting shall be used for identification purposes.

2. **Engine Set**

- 2.1 Engine must be an original version of 'Himax C 3516-1130 # 33 3023' or 'Himax C 3516-1350 # 33 3024'.
- 2.2 There are no restrictions on speed controller.
- 2.3 There are no restrictions on propeller.
- 2.4 There are no restrictions on connector(s).
- 2.5 Only a Lithium-Polymer battery can be used. Nominal voltage of the battery cannot exceed 11,1V (3 cells).
- 2.6 Spinner must be the original one # 22 4593.

3. **Radio Set**

- 3.1 There are no restrictions on radio set.
- 3.2 There are no restrictions on servos.

4. **Weight of Ready-To-Fly plane**

- 4.1 The weight of a Ready-To-Fly plane is 870 +/- 25 grams. (*ce facteur pourrait être revu après les toutes premières constructions.*)