

FEDERATION AERONAUTIQUE INTERNATIONALE
AEROMODELLING COMMISSION (CIAM) - PROPOSAL FORM

Possible new proposal

Date: **xx/xx/09**

Proposal submitted by: **C. Vigada ;-)**

Sporting Code Volume: **Volume F5**

Heading of section: **Section 4 - Aeromodelling**

Class: **New F5J**

Number & heading of the paragraph: **5.5.10 Electric Duration Gliders**

Page number if appropriate: **29**

This proposal is a:

Rule Change	X
Clarification	

Safety	
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Noise	
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Other	X
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mark the boxes with **X** as appropriate

Type the instruction in the space below:

Ad a new class: **5.5.10 F5J – ELECTRIC DURATION GLIDERS**

Type the text changes in the space below:

5.5.10 F5J - ELECTRIC DURATION GLIDERS

5.5.10.1 Definition

This contest is a duration and landing event.

5.5.10.2 Model Aircraft Specifications

Maximum Surface Area 150 dm²

Maximum Flying Mass 5 kg

Loading 12 to 75 g/dm²

Type of Battery.....free

Malus on flight coeff* Watt* sec(motor on)/flying weight

(watt *sec registered by embedded logger/flying weight)

Model flying weight will be measured and registered by balance

5.5.10.3 Duration and Landing Task

a) This task must be completed within 600 seconds after the model releases hand-launched and ends, when the model airplane comes to rest after landing.

b) The competitor has to decide how much and how often he will switch on the motor;

c) Gliding time is cumulative and one point will be awarded for each full second the model aircraft is **Flying**;

d) One point will be deducted for each full second flown in excess of 600 seconds;

e) Additional points will be awarded for landing; when the model aircraft comes to rest in the 30 m circle, 10 points will be given while coming to rest in the 20 m circle gives 20 points, and when coming to rest in the 10 m circle 30 points will be given. The distances are measured from the centre of the circle to the nose of the model aircraft;

f) No additional points will be awarded if the landing occurs more than 630 seconds after beginning of this task.

G) one point will be deducted from flying+landing point as per Malus on flight registered

H) Competitor points will be normalized at 1000 in flying group

Type the reasons in the space below:

1st A new glider class with only the duration task for beginners can bring us an electro powered alternative to F3J.

2nd The market brings a huge number of electric gliders suited for duration but not for distance flying.

3rd The organisation of electric duration competition is easy.

4th Duration task can be flown in groups and need not so long time.

5th using this system a lot of different model and motor could be useful to approach the category with similar possibility to win.

6th using this system is possible to make a kind of flight very similar to F3J without using big fields and tow launch

Type any supporting data for the proposed technical amendments in the space below:

This rules follows the F5B rules 5.5.4.6 duration and landing task.