



# Academy of Model Aeronautics

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## AMA Competition Regulations Rules Change Proposal Form

Proposal Number: OFF24-05

Received Date: 1/8/2023

Revised Date: 2/22/2023

Version Number: 2

**Proposal Type:** Basic

**Applicable Competition Regulations this proposal relates to:** Outdoor Free Flight

### Give Brief Summary of the Proposed Change:

B-electric (event 161), an auto surface electric model, is cast as a high-performance power event. Motor runs are 5 seconds and there are two flyoff phases. In Flyoff1 in the 4th and 5th flights the motor run drops to 4 seconds. In Flyoff2 from the 6th flight the max is increased to 2:30.

**State exact wording proposed for the Competition Regulations. List paragraph number where applicable. Example: Change "quote present rule book wording" to "exact wording required".**

FREE FLIGHT ELECTRIC POWER EVENTS B-electric (161)

Flights	Motor run	Max	Comment
1-3	5 sec	2 min	Regular flights
4,5	4 sec	2 min	<i>Flyoff1</i>
6+	4 sec	2:30	<i>Flyoff2</i>

*Additions:*

- No gearing is allowed.
- Wings cannot incorporate flaps or folders.

**State logic behind proposed change, including alleged shortcoming of the present rule(s).**

1/ Capping the motor run at 5 seconds is appropriate to an unlimited auto surface electric model – a idea suggested by Jack Murphy.

2/ The format has two flyoff phases. *Flyoff1* for the 4<sup>th</sup> and 5<sup>th</sup> flight cut the motor run to 4 seconds retaining the max. *Flyoff2* begins in the 6<sup>th</sup> flight where the max is raised and kept at 2:30. Longer maxes raise the chance of flying off the field.

3/ In the absence of span limitations, B-electric models are likely to be large high-powered models with motors around 400 Watts. Gearing and wing manipulations are banned for simplicity. Consequently, E36 crossovers are clearly disadvantaged, and this will hopefully encourage fliers to develop large suitable B-electric models.

**If this proposal is for a new event, include all event test data/information here. Please provide information on what testing of this new event has taken place to include number of participants and number of contests.**

**State effect, if any, on current AMA records:**

Resets the existing record.

**Note: The Contest Board Chairman may, in coordination with the submitter of the proposal, at any time prior to submitting a proposal to the contest board for Final Vote, edit proposal wording to increase clarity and to avoid ambiguity, provided the proposal intent is not changed.**

**Submitter Information:**

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