



Academy of Model Aeronautics

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AMA Competition Regulations Rules Change Proposal Form

Proposal Number: OFF24-10

Received Date: 2/22/2023

Revised Date:

Version Number:

Proposal Type: Basic

Applicable Competition Regulations this proposal relates to: Outdoor Free Flight

Give Brief Summary of the Proposed Change:

An RDT system is required in A and B Electric models with wing spans exceed 36 inches. The RDT must be able to stop the motor if running, followed by an instant DT of the horizontal stabilizer or wing.

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

Add a new paragraph:

Remote Dethermalizer (RDT).

RDT is required in Class A Electric (160) and B Electric (161) models if their projected wing spans exceed 36 inches. The RDT must be able to stop the motor if running, and release a flight surface to initiate a rapid descent (dethermalizer).

Proper operation of the RDT system must be demonstrated before the first official flight. The flyer or their helper must hold or carry the RDT's transmitter at each launch.

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

A and B Electric models are unlimited in terms of size, weight and power. They are fast and heavy with high kinetic energy and can potentially cause significant injuries or collateral damage in a crash under power.

E-36 models flying in A or B electric are exempt due to their small size and weight. However, it is good practice to equip E36s with RDT systems to reduce crashing under power. RDT systems are available from Texas Timers, Airtek, BMK and Aeris. Standalone RDT units powered by their own battery are also available.

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:

None

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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