



Academy of Model Aeronautics

5161 East Memorial Drive, Muncie, Indiana 47302
(765) 287-1256 – Voice • Competitions Fax (765) 286-3303
www.modelaircraft.org

EXHIBIT A

RULES CHANGE PROPOSAL FORM

PROPOSAL NO. RCE 13-1Franz
(To be inserted by Headquarters)

RECEIVED DATE 10-26-2011
(To be inserted by Headquarters)

REVISE DATE _____

VERSION NUMBER _____

RULES CHANGE PROPOSAL FORM

Send to AMA Headquarters via email at ruleschanges@modelaircraft.org. A copy will be forwarded to the appropriate Contest Board Chairman.

PROPOSAL TYPE (Check One): Basic Cross Indicate Original Proposal Number _____

Urgent/Safety/Emergency Interpretation

General Section Executive Council Outdoor Free Flight Indoor Free Flight CL Speed

CL Racing CL Navy Carrier CL Aerobatics CL Combat CL Special Events RC Aerobatics

RC Scale Aerobatics RC Pylon Racing RC Helicopter RC Soaring Scale Electric

Special Events RC Combat

Brief summary of the proposed change.

Update the existing language for electric event 604 (1/2A) to reflect the manner in which the event is currently being flown.

The specific changes apply to Sporting Code Section IV for electric events, section 4.2.1.

Exact wording proposed for the rule book. (List paragraph numbers where applicable. Example: Change “quote present rule book wording” to “exact wording required”.

4.2.1 Radio Control Class 1/2A Sailplane Limited Motor Run (LMR):

For event 604.

- Any direct drive outrunner motor is allowed which meets the requirements of maximum flux ring dimensions of 28mm diameter and 16mm length as measured on the outside case of the motor.
- The motor may not be modified in any way.
- Gearboxes are not allowed
- The battery pack is limited to 8.4 volts nominal of any battery type.
- The motor run is limited to 30 seconds but may be made shorter at the discretion of the CD.
- The motor run time shall begin at launch.
- The prop must come to a full stop to assure the model is no longer under power.
- The flight task is an eight (8) to twelve (12) minute duration (or less at the discretion of the CD) with a precision landing time requirement.
- At the discretion of the CD, the timing will begin either at launch or when the motor is turned off and will stop when the model first contacts the ground or any ground based object.

- Three (3) or more flights will be performed (exact number will be at the discretion of the Contest Director) with battery charging between flights.
- Scoring will be based on the sum of all the flights. Each second of flight time will be recorded as one (1) flight point. Each second in excess of the —target time will result in one (1) penalty point.

Logic behind proposed change, including alleged shortcomings of the present rules. State intent for future reference.

As originally proposed, event 604 was intended for Speed 400 (brushed) motors, controllers and NiCd or NiMH battery packs (7 cell). As currently flown the event uses small outrunner motors (brushless) powered by 2S LiPo batteries and no gear boxes. The proposed update is to bring the event rules in line with current practices. The language proposed for batteries assures that NiCd, NiMH or Lithium type batteries may all be used but restricts the lithium packs to a two cell (2S) configuration for good equivalency to NiCd and NiMH 7 cell packs.

New event test data/information (new events only), please provide what testing of this new event has taken place to include number of participants and number of contests.

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.

1. Proposer Edward Franz **AMA #** 2515

Street Address 7362 Ironwood Way

City Burlington **State** KY **Zip** 41005

Day Telephone (859) 802-0202 **Evening Telephone** (859) 586-0177

Date of Signature 26 October, 2011