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AMA Competition Regulations Rules Change Proposal Form

The current issue of the Competition Regulations must be referenced.

Proposal Number: IFF24-02

Received Date: 3/13/2023

Revised Date:

Version Number:

Proposal Type: Basic

Applicable Competition Regulations this proposal relates to:

Indoor Free Flight

Give Brief Summary of the Proposed Change:

Allow use of premanufactured propellers for all applicable classes.

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

Present rulebook wording for 1.1.1-1.1.4:

"1.1.1 The use of prefabricated flying surfaces (either pre-built or pre-covered) or pre-glued/pre-molded subcomponents such as a rolled motor tube, rolled tail boom, wing/stab tips or outlines, prop blade outlines, or preformed sheet wood props will not be permitted.

1.1.2 The use of prebuilt variable pitch prop hubs will not be permitted.

1.1.3 The use of preformed prop shafts, rear rubber hooks, thrust bearings, Teflon washers, and mounting tubes (for wings, stabs, etc.) will be permitted.

1.1.4 The builder may use premade raw building materials needed to craft the parts of the model such as sawn balsa wood, wire, composites, adhesives, and covering material. Commercially available composite material sold in rod, tube, fiber, or sheet form will be permitted.

1.1.5 Kits that include laser cut balsa parts will be permitted."

Proposed wording for 1.1.1-1.1.4:

"1.1.1 The use of prefabricated flying surfaces (either pre-built or pre-covered) or pre-glued/pre-molded subcomponents such as a rolled motor tube, rolled tail boom, wing/stab tips or outlines will not be permitted.

1.1.2 The use of preassembled propellers, propeller components (including blades, blade outlines, hubs, etc.), preformed prop shafts, rear rubber hooks, thrust bearings, Teflon washers, and mounting tubes (for wings, stabs, etc.) will be permitted.

1.1.3 The builder may use premade raw building materials needed to craft the parts of the model such as sawn balsa wood, wire, composites, adhesives, and covering material. Commercially available

composite material sold in rod, tube, fiber, or sheet form will be permitted.

1.1.4 Kits that include laser cut parts will be permitted."

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

Current BOM rules have proven extremely difficult to enforce for contest directors, particularly in regard to propellers as commercially available options are becoming more widespread. Many kits have historically included preassembled propellers, and many currently available kits include preassembled and/or preformed propeller components or totally preassembled propellers. Examples include Jiri Kalina kits, Treger/Sednev/Korniyuchuk/J&H Aerospace hubs, carbon outlines, AliExpress "F1D" kits, Ikara/IFFS/Papatong/Adamisin/Sokusd/Thai propellers.

Submitted by Joshua Finn (Mauk, GA), Don Deloach (Colorado Springs, CO), Steven Wrigley (Coatesville, PA), Eugene Drake (Riverside, CA), Dohrman Crawford (Dunwoody, GA), Logan Jones (Brooks, GA), Doug DeMasie (Cochran, GA), David Mills (Buckhead, GA).

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.

N/A

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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