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AMA Competition Regulations Rules Change Proposal Form

Please complete this form and click on the SUBMIT button at the bottom of the page. This will send the proposal to the Competition Department at AMA HQ. A copy will then be sent to the appropriate Contest Board Chairman. The current issue of the Competition Regulations must be referenced.

Proposal Number: RCFWS24-10

Received Date: 3/13/2023

Revised Date:

Version Number:

Proposal Type: Basic

Applicable Competition Regulations this proposal relates to:

RC Fixed-Wing Scale

Give Brief Summary of the Proposed Change:

Redefining the Builder of the Model (BOM) rule. The current wording restricts models that are of composite construction or refinished ARF's from entering in the classes that have the BOM rule. Those classes impacted are:

511 RC Sportsman Sport Scale

512 RC Expert Sport Scale

522 RC Team Scale

This rule change does NOT apply to 515 RC Designer Scale

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

Change:

The criteria for determining if a builder/flyer's model meets the Builder of the Model rule is based on the amount of construction and finishing performed by the builder/flyer.

Construction is defined as building the core elements of the model aircraft and not simply assembling pre-constructed major components (including fuselage, wings, and tail empennage). Models which are completely prefabricated (including 100% composite or 3D printed) and require only a few hours of effort for their completion must be entered in Open Scale or Fun Scale classes.

Finish is defined as the work involved to achieve the final exterior representation of the full-scale aircraft. Various finishing techniques are acceptable, and the modeler is required to add the finish and surface detail.

A model with the majority of the surface detail (rivets, fasteners, panel lines, and access panels) molded into all major components (including fuselage, wings, and tail empennage) or not prefabricated by the

builder are not allowed to be entered in any event requiring the BOM rule.

Individuals with permanent physical or mental impairments with limited mobility (requires assistance for safe mobility) can participate in classes that require the BOM. They must actively participate in the construction as well as the finishing of the airplane as a level that is acceptable to their impairment.

Ultimately, the Contest Director can make the final call as to what qualifies and what does not if a model is presented outside the scope of the BOM or if there is any question.

To:

The "Builder of Model" shall have satisfied the requirements of RC Sport Scale if the modeler has constructed the airframe from materials and available prefabricated components such as fiberglass cowl(s) and fuselage(s), foam cores, canopy or plastic molded/3d printed exterior details, wheels, etc. Highly prefabricated "composite" and "boned out" models purchased from any source are allowed assuming the builder completes the surface detailing and painting of the model. ARF's that have been stripped and refinished (Remake) by the builder also qualify. Bind and Fly (BNF), Plug and Play (PNP), and airplanes that have been completed and flown by another modeler do not qualify for BOM classes.

Individuals with permanent physical or mental impairments with limited mobility (requires assistance for safe mobility) can participate in classes that require the BOM. They must actively participate in the construction as well as the finishing of the airplane at a level that is acceptable to their impairment.

Ultimately the Contest Director can make the final call as to what qualifies and does qualify a model for a BOM or team class if there is a question. In the event this occurs, documentation (Separate from that used in static judging) of the work done to complete an all composite airframe or ARF remake will be helpful in the CD making the final decision.

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

The current BOM wording eliminates models that are of composite construction or remade ARFs in those classes. Given the decrease in the number of manufacturers that are producing and supporting all wood kits we are losing contestants in the classes that have the BOM requirement. A competitor who has built/assembled the model including gear/control surface installation detailing and finishing should be allowed to compete in the classes that are kit built and have the BOM requirement.

Just because the airframe is of all composite construction, or an ARF, does not equate to an advantage in static scoring. The composite airframe is only as accurate as the mold it comes out of. It does not automatically mean it's accurate.

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.

Top Gun, arguably one of the most successful and widely known scale contest in the world uses a similar description allowing composite aircraft in classes that have the BOM rule

State effect, if any, on current AMA records:

This will not have any effect on AMA records.

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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