F1 FREE FLIGHT TECHNICAL MEETING, MARCH 5 2023 v3

Attendees:

Helmut Fuss	Austria	Marius Bliujus	Lithuania
Martin Hoff	Austria	Marius Mantvydas Latvėnas	Lithuania
Robert Bjelajac	BiH	Eric Crins	Netherlands
Valentin Savov	Bulgaria	Peter Keim	Netherlands
Zoran Lulić	Croatia	Allard Van Wallene	Netherlands
Tomáš Bartovský	Czech Republic	Narve Jensen	Norway
Jan Vosejpka	Czech Republic	Marek Dominiak	Poland
Hugo Desloges Bazile	France	Zoran Pelagic	Slovakia
Bernhard Schwendemann	Germany	Miguel Angel Gordillo	Spain
Paul Seren	Germany	Javier Hernandez Abad	Spain
Peter Uhlig	Germany	Per Findahl	Sweden
George Kandylakis	Greece	Christoph Bachmann	Switzerland
Antonis Papadopoulos	Greece	Mark Benns	United Kingdom
Andras Reé	Hungary	John Carter	United Kingdom
Hadar Elkayam	Israe]	Ian Kaynes	United Kingdom
Fabrizio Ceccarini	Italy	Chuk ETHERINGTON	USA
Koike Masaru	Japan	David Lindley	USA

The meeting considered the Free Flight relevant proposals in the General Rules section on the agenda followed by those concerning Volume F1.

14.2 GENERAL RULES

Page 10 c) Section: C.5.3 National team F1 Subcommittee

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

The meeting agreed this proposal.

Page 13 g) "C.10.2 Class S- Space ModeL" but actually C.2.2.3 World Cup Slovakia

Prior vote by F1 Subcommittee 5 in favour, 7 against
Voting by F1TM: unanimous in favour.

The meeting considered this proposal and it was supported with an amendment.

Proposed amendment to add a sentence at the end: This does not apply to the number of juniors competing in an event for which there is a Junior World Cup

Page 13 i) C.11.1 Class F – Model Aircraft The Netherlands

Prior vote by F1 Subcommittee 11 in favour, 2 against
Voting by F1TM: unanimous in favour.

The meeting considered this proposal and it was supported with an amendment.

Instead of delete *"at least"* delete *"at least once",*

Page 13 j) Section: C.13.7 Results of international events F1 Subcommittee

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

The meeting agreed this proposal.

Page 14 k) C.13.8 Fuel F1 Subcommittee

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

The meeting agreed this proposal.

Page 15 m) C.15.2.1 Class F (Model Aircraft) F1Q F1 Subcommittee

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

The meeting agreed this proposal.

Page 15 n) Section: C.15.2.1 Class F (Model Aircraft) JuniorF1P-F1Q F1 Subcommittee

Prior vote by F1 Subcommittee 9 in favour, 3 against

The proposal was discussed and the fact that the free flight community had suggested other paths to change Junior Championships, including a change of power class, the addition of an electric class to a power class, if adding an electric call whether to use F1S or F1Q. The proposal was withdrawn for further consideration by the Subcommittee. This action was agree by the meeting.

Page 16 o) C.15.6.1 Individual classification CIAM Bureau

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

For Free Flight this affects only the medals for females. The meeting agreed the limitation on medals for females and there was some discussion of part (d) that females with an individual place medal are denied the female medal which they would have been awarded.

14.3 FREE FLIGHT

Page 18 a) Entire Volume - numbering F1 Subcommittee

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

The meeting agreed this proposal. It was noted that there is likely to be a Bureau decision on standardising all Technical Volumes.

Page 18 b) F1.2.1 Timekeepers F1 Subcommittee

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

The meeting agreed this proposal.

Page 19 c) 3.2.8 Classification USA

Prior vote by F1 Subcommittee 4 in favour, 10 against
Voting by F1TM: 7 in favour, 12 against

The proposal was discussed by the meeting and after the vote the USA withdrew the proposal.

Page 19 d) 3.3.2. Characteristics F1C 2025 F1 Subcommittee

Prior vote by F1 Subcommittee 9 in favour, 4 against
Voting by F1TM: 16 in favour, 5 against

The meeting considered this proposal and its impact on future F1C flying and the need for safety.

Page 20 e) 3.3.2 Characteristics F1C 2025 Germany

Prior vote by F1 Subcommittee 9 in favour, 4 against

This proposal was withdrawn following the acceptance of item (e).

Page 21 f) 3.3.2. Characteristics F1C 2024 Germany

Prior vote by F1 Subcommittee 9 in favour, 4 against

This proposal was withdrawn following the acceptance of item (e).

Page 21 g) 3.4.2 Characteristics of Indoor Model Aircraft F1D USA

Prior vote by F1 Subcommittee 7 in favour, 4 against
Voting by F1TM: 11 in favour, 5 against

This proposal and later suggested modifications were discussed at the meeting. The meeting required that the F1 Subcommittee keep the subject under review. The basic proposal in the agenda was accepted except with item 3.4.2.3 changed to remove the word “not” as follows:-

3.4.2.1 The "Builder of Model" rule shall apply to all F1D Competitions. The following allowances and restrictions to the BOM rule will apply :

3.4.2.2 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.

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

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

3.4.2.5 The builder may use premade raw building materials needed to craft the parts of the model such as sawn balsa wood, wire, composites, pultruded rod or tubing, adhesives, and covering material

3.4.2.6 Kits that include laser cut balsa parts will be permitted.

Page 23 h) 3.5.9 Timing (b) F1 Subcommittee

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

The meeting agreed with this proposal.

Page 23 i) 3.5.9 Timing (b) France

This proposal was withdrawn by France after the acceptance of item (i).

Page 23 j) 3.L.2 Characteristics USA

Prior vote by F1 Subcommittee 5 in favour, 3 against
Voting by F1TM: 13 in favour, 3 against

The meeting considered this proposal and it was proposed to the delete of the item concerning variable pitch propellers, which are not allowed in the class. The TM agreed and the proposal text was amended to:

3.L.2.1 The "Builder of Model" rule shall apply to all F1L Competitions. The following allowances and restrictions to the BOM rule will apply:

3.L.2.2 The use of prefabricated flying surfaces (either pre-built or pre-covered) or pre-glued/pre-molded subcomponents such as rolled motor tube, rolled tail boom, wing/stab tips or outlines, prop blade outlines, or preformed sheet wood props will not be permitted.

~~3.L.2.3 The use of prebuilt variable pitch prop hubs will not be permitted.~~

3.L.2.3~~4~~ The use of preformed prop shafts, rear rubber hooks, thrust bearings, teflon washers, and mounting tubes (for wings, stabs, etc) will be permitted.

3.L.2.4~~5~~ The builder may use premade raw building materials needed to craft the parts of the model such as sawn balsa wood, wire, composites, pultruded rod or tubing, adhesives, and covering material

3.L.2.5~~6~~ Kits that include laser cut balsa parts will be permitted.

Discussions in the subcommittee after the TM found that the same applies to rolled motor tubes and booms and propeller outline which are also not allowed by class rules. A majority of the subcommittee agreed to an amendment of the original proposal as follows:

3.L.2.1 The "Builder of Model" rule shall apply to all F1L Competitions. The following allowances and restrictions to the BOM rule will apply:

3.L.2.2 The use of prefabricated flying surfaces (either pre-built or pre-covered) or pre-glued/pre-molded subcomponents such as ~~rolled motor tube, rolled tail boom,~~ wing/stab tips or outlines, ~~prop blade outlines~~, or preformed sheet wood props will not be permitted.

~~3.L.2.3 The use of prebuilt variable pitch prop hubs will not be permitted.~~

3.L.2.3~~4~~ The use of preformed prop shafts, rear rubber hooks, thrust bearings, teflon washers, and mounting tubes (for wings, stabs, etc) will be permitted.

3.L.2.4~~5~~ The builder may use premade raw building materials needed to craft the parts of the model such as sawn balsa wood, wire, composites, pultruded rod or tubing, adhesives, and covering material

3.L.2.5~~6~~ Kits that include laser cut balsa parts will be permitted.

Page 25 k) 3.M.2 Characteristics USA

Prior vote by F1 Subcommittee 5 in favour, 3 against
Voting by F1TM: 13 in favour, 3 against

The meeting agreed this proposal with the change agreed for F1D in item (g):

3.M.2.1 The "Builder of Model" rule shall apply to all F1M Competitions. The following allowances and restrictions to the BOM rule will apply:

3.M.2.2 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.

3.M.2.3 The use of prebuilt variable pitch prop hubs will ~~not~~ be permitted.

3.M.2.4 The use of preformed prop shafts, rear rubber hooks, thrust bearings, teflon washers, and mounting tubes (for wings, stabs, etc) will be permitted.

3.M.2.5 The builder may use premade raw building materials needed to craft the parts of the model such as sawn balsa wood, wire, composites, pultruded rod or tubing, adhesives, and covering material

3.M.2.6 Kits that include laser cut balsa parts will be permitted.

Page 26 l) 3.R.2 Characteristics USA

Prior vote by F1 Subcommittee 5 in favour, 3 against
Voting by F1TM: 13 in favour, 3 against

The meeting agreed this proposal with the change agreed for F1D in item (g):

3.R.2.1 The "Builder of Model" rule shall apply to all F1R Competitions. The following allowances and restrictions to the BOM rule will apply:

3.R.2.2 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.

3.R.2.3 The use of prebuilt variable pitch prop hubs will ~~not~~ be permitted.

3.R.2.4 The use of preformed prop shafts, rear rubber hooks, thrust bearings, teflon washers, and mounting tubes (for wings, stabs, etc) will be permitted.

3.R.2.5 The builder may use premade raw building materials needed to craft the parts of the model such as sawn balsa wood, wire, composites, pultruded rod or tubing, adhesives, and covering material

3.R.2.6 Kits that include laser cut balsa parts will be permitted.

Page 27 m) 3.S.2 Characteristics USA

Prior vote by F1 Subcommittee 5 in favour, 3 against
Voting by F1TM: 10 in favour, 4 against

The meeting discussed this proposal with some doubts about the effect of reducing the motor run on beginners or juniors.

Page 27 n) Annex 1 Free Flight World Cup Section 1 F1 Subcommittee

Prior vote by F1 Subcommittee unanimous in favour
Voting by F1TM: unanimous in favour.

Page 28 o) Annex 1 Free Flight World Cup Section 4 F1 Subcommittee

Prior vote by F1 Subcommittee 12 in favour, 2 against
Voting by F1TM: unanimous in favour.

The meeting discussed the proposal. In view of the General Rules proposal on numbers of participants it was agreed to amend this proposal on Section 4 to add a sentence to the end of item (b) of Section 4:-

b) Points are awarded only to competitors in the top half of the results list (if N is the number of competitors, then points are awarded only for places 1 to N/2, rounding up when necessary in calculating the N/2 place, denote this number by H). **Points are awarded without limitation according to N the number of competitors (reference C.2.2.3).**