2022 CIAM F5 Technical Meeting

April 10, 9:30 h

Welcome

F5B – RC Electric Multi Task Gliders

a) 5.5.4.6 Duration and Landing Task S/C F5/USA

Modify a) and b) as shown below. The intention is to remove the double penalty:

a) This task must be completed within 600 seconds from the moment the audio signal is given at the conclusion of the distance task.

b) The competitor has to decide how much and how often he will switch on the motor. can run the motor as often or as long as necessary to complete the duration task. Energy consumption limits/penalties will apply as outlined in 5.5.4.1

S/C Voting: 3 yes – 1 no – 6 abst. (F5B-experts)

F5F – RC 6 Cell Electric Powered Motor Gliders

b) 5.5.8.1 Model Aircraft Specifications. NED

Amend paragraph 5.5.8.1 as follows:

~~Minimum weight (ready to fly) 1500g~~

Minimum weight without battery 1000 g

Reason: Better aligned with F5B class. Also to be considered in conjunction with the proposal to allow models with >26,66 dm2 wing surface area into the class. Refer to Item d).

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S/C Voting: 4 yes – 1 no – 5 abst. (F5B/F-experts)

F5F – RC 6 Cell Electric Powered Motor Gliders

c) 5.5.8.1.b) Model Aircraft Specifications. NED

Amend paragraph 5.5.8.1 by deleting text as follows:

~~Maximum surface loading 75 g/dm^2~~

Reason: The maximum surface loading is specified in 5.5.1.3 and does not need to be repeated. See below:

5.5.1.3 General Characteristics RC Electric Powered Motor Gliders

S/C Voting: 4 yes – 1 no – 5 abst. (F5B/F-experts)

F5F – RC 6 Cell Electric Powered Motor Gliders

d) 5.5.8.1.b) Model Aircraft Specifications. NED

Amend paragraph 5.5.8.1 as follows:

Maximum surface area ~~36 dm²~~ 26.66 dm²

Limitation of energy by an electronic limiter that stops the motor max 1300 watt-min (>36dm²) or 1000 watt-min (26.66 <> 36dm²).
The limiter is checked by the organiser during the contest.
If a logger is used, the data shall be retrieved during or immediately after the flight.
With the logger, 1 (one) point is deducted for every 3 (three) watt-min used over the limit.
For model aircraft between 26.66 dm² and 36dm² 300 watt-min shall be added to the energy used.

S/C Voting: 4 yes – 0 no – 6 abst. (F5B/F-experts)

F5J – RC Electric Thermal Duration Gliders

e) 5.5.11.1.1 Definition HUN

~~Any airborne device that uses airborne sensors to actuate any control surface are prohibited. Stability systems as allowed in the F5 General Rules 5.5.1.3.e are prohibited~~

Any technological device used to aid in supplying data of the air's condition or direct feedback of the model's flight status is prohibited during the flight.
P. e. telephones, walkie-talkies, telemetry of airspeed, temperatures dedecting devices, obtical aids, etc.

*Technical Secretary Note: This proposal **is ruled invalid** since the General Rule B.1.1 e) exists for all disciplines and classes, except where there are exceptions which may be stated in the applicable Volume*

S/C Voting: 9 yes – 1 no – 0 abst.

F5J – RC Electric Thermal Duration Gliders

f) 5.5.11.1.3 Characteristics HUN

iii) To reset the start height displayed to “---” if the motor is restarted at any time during the flight. **In this case (start height displayed to “---”), the result of the flight is 0 and the 0 result cannot be dropped from total score.**

S/C Voting: 9 yes – 1 no – 0 abst.

F5J – RC Electric Thermal Duration Gliders

g) 5.5.11.1.3 Characteristics HUN

iv) The competitor must use an altimeter (AMRT) and firmware in which the last 3 contest flights data of one competition day are stored in the memory. The competitor is obliged to hand out his AMRT for checking or computer download of the data of last 3 contest flight of the actual day when so requested by the CD. ….

*Technical Secretary Note 2: This proposal **is ruled invalid for the moment**, since the General Rule A.10.1 f) states: Proposals which introduce new electronic devices for use in competition or which make amendments to the operation or specifications of existing electronic devices must be reviewed by the EDIC Working Group. The review by the EDIC WG Chairman must be sent to CIAM Bureau, S/C Chairman concerned and NAC delegates in writing prior to the Technical Meeting and Plenary Meeting.8*

S/C Voting: 8 yes – 2 no – 0 abst.

F5J – RC Electric Thermal Duration Gliders

h) 5.5.11.3.1 The Flying Site HUN

f) A competitor or his helper can use 1 piece of simple tape wind indicator. The tape dimension must be max. 20 mm x 2 m, mounted on a rod of diameter max. 10 mm and length max. 1m.
Any other indicators, testers (for temperature, pressure, wind test etc.) passive or active in the competition (starting, landing and safety corridor) area are not allowed.
Explosive indicators are not allowed.

S/C Voting: 7 yes – 2 no – 0 abst.

F5J – RC Electric Thermal Duration Gliders

i) 5.5.11.6 Re-flights HUN

The competitor is entitled to a re-flight if:

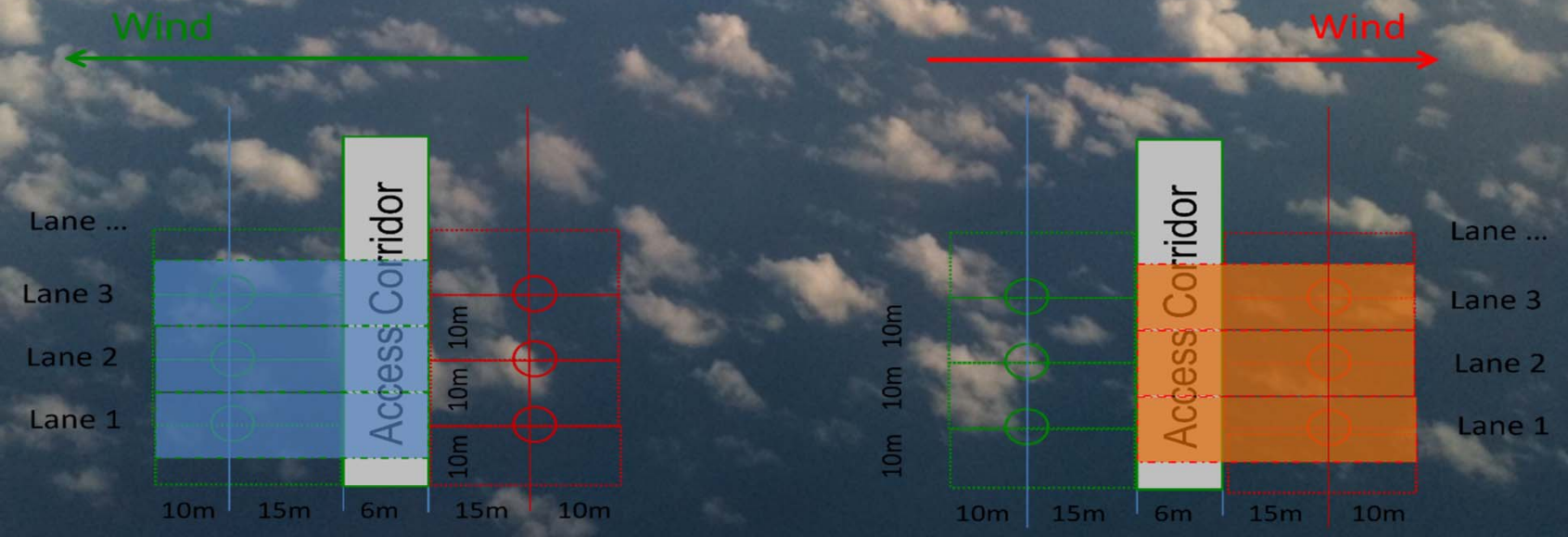
iii) the attempt has not been judged by the timekeeper, provided that the helper or the competitor has informed the timekeeper about the position of the model a reasonable time before landing; if this is not done, the competitor is not entitled to a re-flight if his attempt has not been judged by the timekeeper, **and the result of the flight is zero**.;

S/C Voting: 8 yes – 1 no – 1 abst.

F5J – RC Electric Thermal Duration Gliders

j) 5.5.11.11 Flight (new section). AUT

Throughout the whole flight, the pilot and his helper(s) must be in a 10 metre wide rectangular area from the starting line to 10 m behind the landing point, the centre of which is formed by a straight line between starting point and landing point. A penalty of 100 points will be applied for any breach of this rule.



S/C Voting: 7 yes – 2 no – 1 abst.

F5L – New Class: Thermal Gliders with Electric Motor

k) refer to Annex 7e to complete rules. AUT

Reason: Soon after the introduction of the nowadays very popular class “RES” (F3L from 2022 on) the rubber bungee and towline used for starting the model were replaced by an electric motor with limited runtime and/or stop at a given height by a logger.

S/C Voting: 8 yes – 2 no – 0 abst.

F5B – RC Electric Powered Multi Task Glider

I) 5.5.4.1 Definition GER

Add a new subpart j) at the end of the section as shown below:

j) In addition to rule 5.5.1.3 d) the following electronic systems are allowed:

- **Any kind of telemetry that is not prohibited by rule 5.5.1.3 e)**
- **Systems that log the energy used during climbs**
- **Variometer**

No. Vote

F5J – RC Electric Thermal Duration Gliders

m) 5.5.11.12 Scoring CIAM Bureau

In case the total score after deduction of the penalties is negative, a zero (0) score will be recorded. The same total score will be used for individuals and team classifications.

No. Vote


Thank you