Submit the proposal via email to IGC Secretary.

Date: 30. September 2018
Proposal submitted by: Aero Club of Poland

This proposal is a: Year-1 ❑ Year-2 Other mark the boxes with ❑ as appropriate

Type the text changes in the space below (show deletions as strike-through and additions as bold underlined):

8.3.1 Championship Days

Dq – The average of n25 Highest Handicapped Distances (Dh) of the Day

\[ n25 = 0.25 \times N \]

\[(n25 \text{ – rounded up})\]

8.4.1 Racing Task

a. Day Parameters:

\[ Pm = \text{the least of: } 1000 \text{ or: } 1250 \times \frac{(Dq-Do)}{D1} - 250 \text{ or: } (400 \times To) - 200 \]

\[ F = \text{the lesser of 1 and } (1.25 \times n1 \div N) \]

\[ FCR = \text{the lesser of 1 and } (1.2 \times (n2/n1) + 0.6) \]

\[ Pvm = \frac{2}{3} (n2 \div N) \times Pm \]

\[ Pdm = Pm - Pvm \]

(…)

8.4.2 Assigned Area Task

a. Day Parameters:

\[ Pm = \text{the least of: } 1000 \text{ or: } 1250 \times \frac{(Dq-Do)}{D1} - 250 \text{ or: } (400 \times To) - 200 \]

\[ F = \text{the least of 1 and } (1.25 \times n1 \div N) \]

\[ FCR = \text{the lesser of 1 and } (1.2 \times (n2/n1) + 0.6) \]

\[ Pvm = \frac{2}{3} (n2 \div N) \times Pm \]

\[ Pdm = Pm - Pvm \]

Type the reasons in the space below:

In typical racing task, when most of pilots has finished the task, distance considered in the formula is not the result of the winner only, but of the last finisher too, so usually more than one pilot. Different situation is in AAT or when RT has few finishers or no finishers at all. In such a case single top result may substantially distort value of the task by increasing top score. In other words one lucky pilot may substantially increase value of the day intentionally or not. Implementation of the above formula would allow a better expression of particular task significance by depending it on not only one but a few top results. This intermediate calculation has been introduced a few years ago in Polish national rules and its positive effects can easily be checked at Soaring Spot.
Provide supporting data or reference to external documents for the proposed technical amendments in the space below:

Simulation of the application of proposed rules can be found at https://sailplane.racing/
Results of Polish competitions demonstrating this factor can be found at https://www.soaringspot.com/en_gb/search/?q=poland

The proposal should be applicable from: October 2020
Sporting Code Volume: Annex A to Section 3 – Gliding
Version/Edition: 2018
Heading of section: PART 8 SCORING AND PENALTIES
Number & heading of the paragraph:
  8.3.1 Championship Days
  8.4.1 Racing Task
  8.4.2 Assigned Area Task
Page number(s) if appropriate: 34, 36
Approved Amendment (if applicable):

Final Wording of Proposal:

Overall Votes Cast: [ ] For: [ ] Against: [ ] Abstain: [ ]

ADOPTED: [ ] Yes: [ ] No: [ ]