INTERNATIONAL GLIDING COMMISSION (IGC) - PROPOSAL FORM

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	X	Year-2		Other	

mark the boxes with X as appropriate

Type the text changes in the space below *(show deletions as ~~strike-through~~ and additions as* **<u>bold underlined</u>***):*

8.4 CALCULATION OF SCORES

8.4.1 Racing Task

a. Day Parameters:

Pm = the least of: 1000 or: 1250 x (Do/D1) - 250 or: (400 x To) – 200
F = the lesser of 1 and (1.25 x n1 / N)
FCR = the lesser of 1 and (1.2 x (n2/n1) + 0.6)
~~Pvm = 2/3 (n2 / N) x Pm~~
<u>Pvm = 8/9 x (n2 / N) x Pm</u>
<u>If (n2 / N) > 0.75 then for Pvm calculation (n2 / N) = 0.75</u>
Pdm = Pm – Pvm

b. Competitor's Score:

(i) For any finisher:
Pv = Pvm x (Vh - 2/3 Vo) / (1/3 Vo)
Pd = Pdm
Except: If Vh < 2/3 Vo then Pv = 0

(ii) For any non-finisher:
Pv = 0
Pd = Pdm x (Dh / Do)

(iii) S = F x FCR x (Pv + Pd)

8.4.2 Assigned Area Task

a. Day Parameters:

Pm = the least of: 1000 or: 1250 x (Do/D1) - 250 or: (400 x To) – 200
F = the least of 1 and (1.25 x n1 / N)
FCR = the lesser of 1 and (1.2 x (n2/n1) + 0.6)
~~Pvm = 2/3 (n2 / N) x Pm~~
<u>Pvm = 8/9 x (n2 / N) x Pm</u>
<u>If (n2 / N) > 0.75 then for Pvm calculation (n2 / N) = 0.75</u>
Pdm = Pm – Pvm

b. Competitor's Score:

(i) For any finisher:
Pv = Pvm x (Vh - 2/3 Vo) / (1/3 Vo)
Pd = Pdm
Except: If Vh < 2/3 Vo then Pv = 0

(ii) For any non-finisher:
Pv = 0
Pd = Pdm x (Dh / Do)

(iii) S = F x FCR x (Pv + Pd)

Continue on the next page(s) if necessary

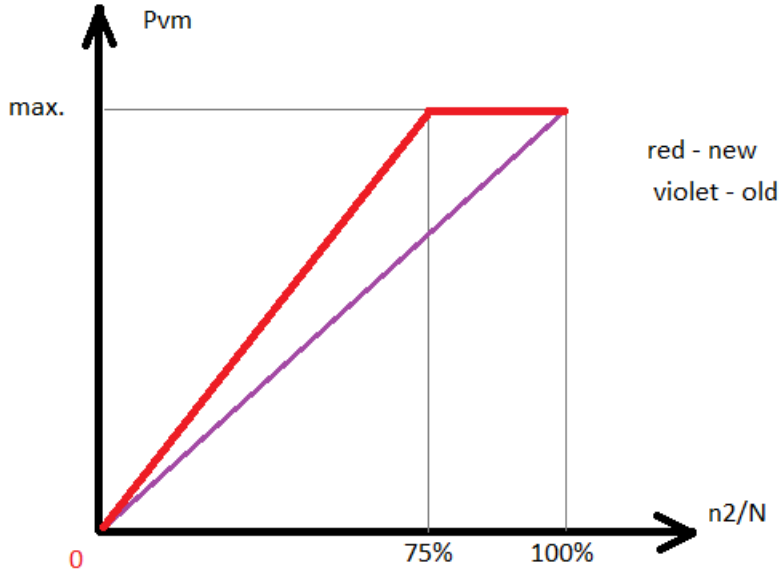
Type the reasons in the space below:

Maximum speed score is now available only when all competitors have finished the task (and all of them have at least 2/3 of the winners' speed). Late finishers, landed-out or that who have entered forbidden airspace, they influence number of speed points available. There is often a situation when we have to wait many hours to know exact result of best pilots, when stated above pilots should have no important influence on most finishers result, especially the best.

According the above proposal maximum speed score will be assigned when 75% of all competitors finish the task with at least 2/3 of the winners' speed. Thus lowest 25% of results will not influence top scores.

Provide supporting data or reference to external documents for the proposed technical amendments in the space below:

The below graph demonstrates idea of reducing percentage of results influencing top score. If 75% of the results is above 2/3 of the winners then top score will be intact (maximum possible)



Simulation of the application of proposed rules can be found at https://sailplane.racing/

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

See the next page!

Approved Amendment (if applicable):

Final Wording of Proposal:

Overall Votes Cast: ☐ For: ☐ Against: ☐ Abstain: ☐

ADOPTED: Yes: ☐ No: ☐

Continue on the next page(s) if necessary