



*Fédération
Aéronautique
Internationale*



Rules & Judging Sub-Committee Meeting Report

Agenda 9.1

Version 2.0 / 18 Oct 2015

INTRODUCTION

The two Sub-Committees met in Châteauroux, France, on 19 August 2015 just prior to the opening of the World Aerobatic Championships.

In attendance:

Rules Sub-Committee (RSC):

Matthieu Roulet, Chairman (FRA); Nick Buckenham (GBR), Philippe K uchler (SUI),

Apologies for absence: Michael Heuer (USA), Alan Cassidy (GBR)

Absent: Anatoly Belov (RUS)

Judging Sub-Committee (JSC):

Philippe K uchler (SUI), Chairman; John Gaillard (RSA), Vladimir Machula (CZE), Pierre Varloteaux (FRA)

Apologies for absence: Brian Howard (USA), Mikhail Mamistov (RUS)

After the deadline of 1 July 2015 for the submission of rules proposals, the meeting package was assembled by Rules Chairman Matthieu Roulet and distributed on 24 July to the CIVA Bureau, RSC / JSC / CSC / GASC members, and to all CIVA Delegates.

In this report, we have summarized the actions taken by Sub-Committees on the Power proposals (applicable to Section 6 Part 1). Actions on Glider proposals taken by the GASC (applicable to Section 6 Part 2) are reported in a separate Agenda report (see Agenda Item 9.4). ‘‘Urgent’’ proposals which were submitted after the WGAC/WAGAC, WAC and EAAC, and classified as EPs and SPs, are presented in a separate Agenda report (see Agenda Item 9.5). The Catalogue Sub-Committee report is also a separate document in the Agenda Package.

Those proposals submitted by Delegates which did not survive Sub-Committee are not included in this report, for the sake of brevity.

Also for the sake of brevity, proposals are not reproduced in full in this report. Please refer to the ‘‘CIVA Rules Proposals for 2016’’ document for full details and rationales.

*Matthieu Roulet
Chairman, CIVA Rules Sub-Committee
4 October 2015*

Note: Changes in v2.0 vs v1.0 is only a correction in the table in Appendix (NP 2016-8 also agreed by the CSC).

NP #2016-1:

Source: CZE #1
Document: Section 6, Part 1
Subject: Spins (editorial)

Proposal:

- Add the last sentence from the para B.9.29.1. to the following paragraph B.9.29.2.:
It should be noted that an aircraft has forward momentum as the aircraft decelerates through stall speed.
- Change the words “pronounced” and “enhanced” in the following sentence:
This appearance is more ~~pronounced~~ **visible** when the figure is performed downwind, and is ~~enhanced~~ **less visible** when performed into the wind.

NP #2016-3:

Source: CZE #3
Document: Section 6, Part 1
Subject: Interruption of Programme (5.2.5.1)

Proposal amended by RSC (*RSC amendment highlighted*):

- Include para. a) of 5.2.5.1 in core of text, and remove para. b) and c)
A competitor will be given penalty points, in accordance with the appropriate tariff, if he or she interrupts his or her programme **by dipping three (3) times one after another.**
b) in order to make a change of attitude or direction between two figures
c) in order to lose or regain height

NP #2016-4:

Source: CZE #4

Document: Section 6, Part 1

Subject: Missing cross-reference (editorial)

Proposal :

- Correct missing cross-reference in 5.2.6.1:
A penalty of 30 points (all categories) will be given for each and every figure flown outside the box or other than prescribed manoeuvres set out in Rule 4.3.1.1.

NP #2016-6:

Source: CZE #6

Document: Section 6, Part 1

Subject: Spin forced entry (B.9.29.3)

Proposal **amended by RSC (*RSC amendment highlighted*):**

- **Remove para B.9.29.3**
- Add new text describing flight path affected by wind:
During spin entry and in the spin, the flight path is affected by wind. When the spin is entered with a tailwind, the flight path may suggest that the spin entry was "forced". This change in appearance is not a marking criterion.

NP #2016-7:

Source: FRA #1
Document: Section 6, Part 1
Subject: Drawing of lots

Proposal amended by RSC (*RSC amendment highlighted*):

- For Known and Free Programmes: Maintain full-range drawing of lots.
- For Unknown Programmes: Establish 3 equally-sized groups considering ranking so far, with drawing of lots within each group.
- The International Jury shall decide on the order of flight between groups, depending on remaining time or any other relevant considerations.

RSC suggestions:

1. More groups would help (group size typ. 10-15 pilots max) – This would be more appealing to the media. The organizer could more predictably stop the flights for the day at the end of a group. More groups would increase the probability that competitors in the same ranking range fly in comparable conditions.
2. Withdrawing possibility of randomizing software drawing (i.e. manual drawing of lots for all programmes) would be a positive evolution in any case.

NP #2016-9:

Source: SAF #1
Document: Section 6, Part 1 (& Part 2)
Subject: Procedure for Free Unknowns

Proposal:

- That prior to the flight order and clipboards being issued to the judging line, Team Managers or individual competitors as appropriate, verify the correctness of the final documentation and this be recorded by the Organizer.
- That prior to the commencement of each competition flight, the Chief Judge verifies by radio with the competitor the sequence to be flown. This should be part of the existing radio check, e.g. from Chief Judge – “Competitor 5 radio check and confirm sequence B”, Competitor – “Chief Judge read you 5 and confirm sequence B”.

NP #2016-10:

Source: SAF #2
Document: Section 6, Part 1 (& Part 2)
Subject: Score sheets on the judging line

Proposal amended by RSC (*RSC amendment highlighted*):

- ~~That a scanner be incorporated at the Chief Judge's workstation and that all score sheets be scanned prior to any score sheets leaving the judging line.~~
- Task the ICT WG to come up with a solution eliminating all possible risk of losing marks.
- Then implement requirements in the GCO document (Section 6 is not appropriate for this purpose).

NP #2016-11:

Source: SAF #3
Document: Section 6, Part 1 (& Part 2)
Subject: Chief Judge radio procedure

Proposal:

- Remove the words "and no other" in 4.2.1.7 (*Part 1 ref*) and insert a new paragraph (below is text of Part 1):

The standard phraseology in the event that the time limit is exceeded will be the Chief Judge saying "Time, time, time" ~~and no other~~. The standard phraseology in the event that a break is required for safety reasons will be the Chief Judge saying "Break, break, break" ~~and no other~~. If the Chief Judge subsequently requires the pilot to land immediately, he shall say "Land, land, land" ~~and no other~~. ~~The Chief Judge or his representative may address the competitor in matters concerned with safety of the competition flight as circumstances may require.~~ A pilot who fails to comply with any of these instructions from the Chief Judge shall be liable to disqualification from that Programme.

NP #2016-12:

Source: UK #1
Document: Section 6, Part 1 (& Part 2)
Subject: Alternative scoring forms

Proposal amended by RSC (*RSC amendment highlighted*):

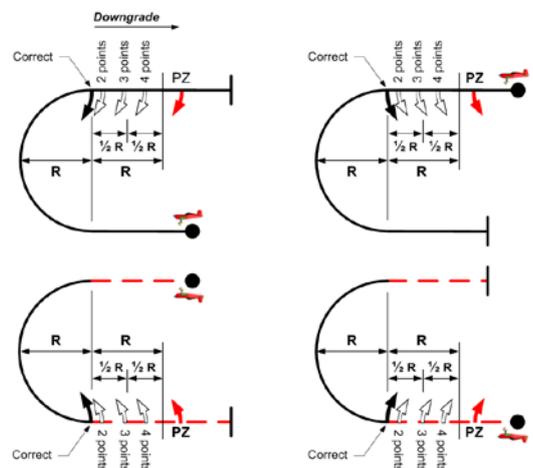
- Authorize new Left and Right judging forms (*described in UK proposal #1*) for use as alternatives to the traditional A/B/C type, so that either style of form may optionally be used. Add references to accommodate this change in Section-6.
- **Decision on which of both types is used is taken by the Chief Judge.**

NP #2016-13:

Source: UK #2
Document: Section 6, Part 1 (& Part 2)
Subject: Downgrades to lines between rolls and half-loops (B.9.8.2/.3)

Proposal:

- Revise the applicable downgrade to lines between rolls and half-loops – from the current single instruction “at least two (2) points”, to:
 - Two (2) points for a short but visible line.
 - Three (3) points for a more obvious line of length up to half the looping radius.
 - Four (4) points for a longer line with length up to the full looping radius.
 - Finally, perception zero (PZ) where the length of line exceeds the radius of the looping element.



NP #2016-14:

Source: UK #3

Document: Section 6, Part 1 (& Part 2)

Subject: Composition of judging panels (2.1.2.1)

Proposal amended by RSC (*RSC amendment highlighted*):

- Revise 2.1.2.1. as follows:
 - 2.1.2.1 At World and Continental Championships, judges will be invited to apply for selection, irrespective of their nationality, based on their previous RI performance data as recorded in the CIVA Judges Performance Database (JPD). New judge applications for those without International RI performance data can be made by NACs or individuals, but must be accompanied by current RI data produced by the FPS scoring system at a National Competition (not necessarily in their own country). These applications must be made by the deadline published by ~~the President of~~ CIVA in the year in which the Championships are to be held.
 - 2.1.2.2 Judges are subsequently selected in accordance with procedures established by CIVA. The selection process includes a ranking of judges by the RIs in the JPD from past Championships. ~~Up to ten judges can be selected, except for Yak 52 where the maximum shall be seven judges. A minimum of seven and a maximum of ten judges can be selected for power and glider unlimited and advanced category championships; for Yak 52 and intermediate the maximum shall be seven judges. A maximum of two judges per NAC may be appointed when a full panel is supported by CIVA and the organiser (10 for Unlimited and Advanced; 7 for Yak 52/Intermediate; 10 for Glider Championships). If less than the maximum is supported, then a maximum of one judge per NAC may be appointed.~~ the panel exceeds seven members, otherwise the nations represented shall be all different.
 - 2.1.2.3 The contest organiser shall provide accommodation, food and local transport to them and their assistants, with no entry fees, ~~when a full panel is supported by CIVA and the organiser. If the organisers bid supports less than the maximum then judges and assistants not included in the minimum panel selected by CIVA may individually or through their NAC offer to self-fund, in which case organisers~~ – pending approval by

the Judging Sub-Committee – shall accept them at a preferential rate determined to cover only the same accommodation, food and transportation costs as those for the judges selected for the minimum panel.

2.1.2.4 Final selection will be ratified by the Bureau of CIVA.

NP #2016-16:

Source: UK #5

Document: Section 6, Part 1 (& Part 2)

Subject: Judge's performance evaluation (6.4)

Proposal:

- Revise 6.4 (Judges' Performance Evaluation) as follows:
 - 6.4.1.1 Judges evaluation by flight programme will be conducted by the International Jury using the software programme approved by CIVA (see Section C.8). The Chief Judge will receive **in print format** a complete analysis of all Judges from the International Jury after each programme is completed.
 - 6.4.1.2 ~~Their own individual judging analysis will be given to each judge, during a discussion with the Chief Judge, between programmes~~ Individual judging analysis for each judge will be posted online following the conclusion of each programme. The Chief Judge should make himself available for discussion with individual judges to facilitate their review of this material.
 - 6.4.1.3 Judging analysis of the whole contest **including the Chief Judge's complete analysis of all judges** will be made available to NACs after the competition has been completed.

NP #2016-17:

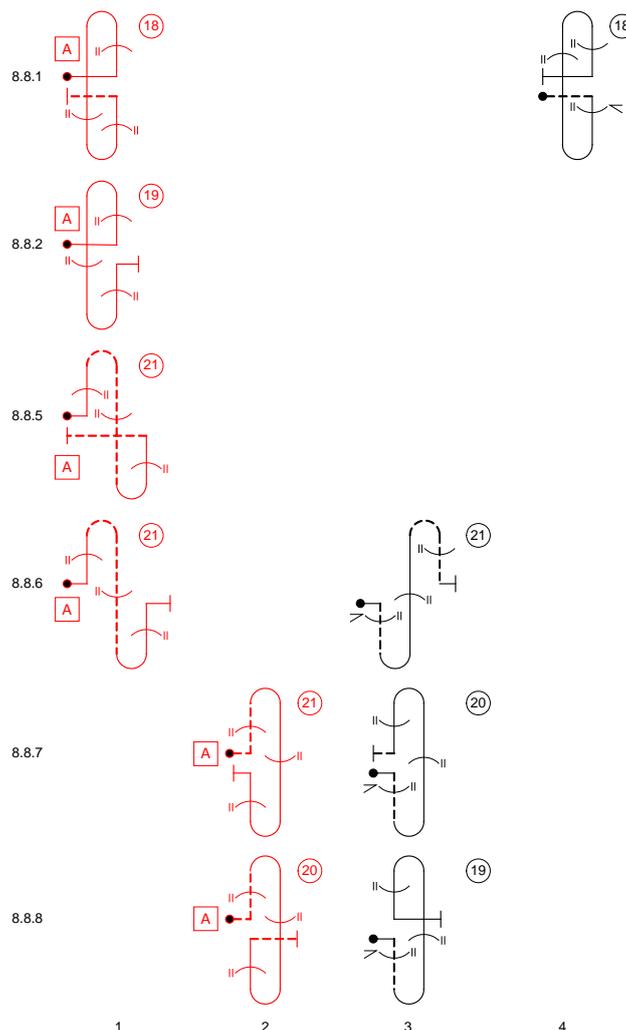
Source: USA #1
Document: Section 6, Part 1 (& Part 2)
Subject: Figures for Unknowns

Proposal:

- Add a new section, A.18, to Appendix A. Existing sections A.18 through A.25 to be renumbered appropriately.

Note from RSC Chairman: Similar change to Part 2 (chapter 9), without the figures from columns 3 and 4, has been rejected by the GASC.

A.18. Family 8.8.1 To 8.8.8



NP #2016-18:

Source: USA #2
Document: Section 6, Part 1
Subject: Publishing Free Unknowns

Proposal:

- Amend 4.3.4.6 as follows:
 - 4.3.4.6. Publication and Selection of Free Unknown Programmes
 - a) All ~~these~~ proposed sequences ~~received by the deadline~~ must be checked, ~~and corrected if necessary~~, by the International Jury. ~~before the start of the programme.~~
 - b) The International Jury shall publish all ~~the~~ sequences ~~proposed by~~ ~~received from~~ the NACs ~~not later than 24 hours before the start of the programme.~~
 - c) At least 12 hours before the commencement of each Programme, each competitor will notify the Organiser which of the proposed sequences he/she will fly.
 - d) At least 1 hour before the start of each Programme, the Organiser shall provide each NAC with a list of the Free Unknowns chosen by each competing pilot.

NP #2016-19:

Source: USA #3
Document: Section 6, Part 1
Subject: Height limitations during safety maneuvers

Proposal:

- Amend paragraphs in 4.3.1.1 and 5.2.6.1 as follows:

4.3.1.1. (...)

Before the wing-dipping at the start of each competition flight in Programmes 2, 3, 4 and 5 it is recommended that all pilots perform safety manoeuvres as follows. These figures are optional but, if flown, may only be flown once, in any order unless a figure starting inverted is used (see below), and continuously on the same axis. They must be flown inside the performance zone and above the lower height limit appropriate to the category as defined by 4.2.4.1.

- 5.2.6.1. A penalty of 30 points (all categories) will be given for each and every figure flown outside the box or other than the prescribed manoeuvres set out in Rule 9 4.3.1.1. Penalties in accordance with 4.2.4.3. and 5.2.2. shall be levied for violating the lower height limits appropriate to the category as defined in 4.2.4.1.

RSC CHAIRMAN'S FINAL REMARKS

1. The proposal on “Known Free” concept prepared by the appointed CIVA Known Free Working Group and presented in the “CIVA Rules Proposals for 2016” document – has since been amended after review by the RSC/GASC. The updated version submitted to the CIVA Plenary is part of a separate Agenda item (9.5) and is therefore not reproduced here.

2. Some adjustments to the RSC governance are proposed:

- a. That the joint RSC/JSC meeting to review rules proposals be open to observers who would submit an attendance request to the RSC Chairman with sufficient notice (for room size logistics). Observers are not allowed to speak/participate to the debates unless invited to do so by the RSC Chairman on a specific topic.
- b. That purely editorial remarks (e.g. typos, missing reference, ...) be sent anytime to the RSC Chairman, and implemented, as relevant, in the next issue of Section 6 without the need to go through the normal proposal process (Rule change proposals by a deadline, RSC/JSC filter, then Plenary approval). This provision will speed up correction and save paperwork & time in the RSC/JSC meeting as well as in Plenary. The RSC Chairman would initially decide on the “Correction Proposal (CP)” nature of the proposal, and then inform other members of the RSC. Should any member of the RSC object to the “CP” classification within a week, then the proposal falls back into our standard “Normal Proposal”/“Urgent Proposal” process.
- c. That a round of harmonization on rules decisions be set up between RSC and GASC, in order to avoid as much as possible diverging options in Part 1 and Part 2. Today rule proposals potentially applicable to both Part 1 and Part 2 are discussed completely independently by the RSC/JSC on the one hand side (for Part 1), by the GASC on the other hand side (for Part 2). This creates the perfect conditions for diverging Section 6 parts, which may not be the wisest way ahead for CIVA. We should aim at making sure that differences in rules between Power and Glider are justified by the different nature of those aircraft, not by the non-deterministic outcome of debates in two independent forums. The process of the recommended harmonization round is tbd at this stage and it is proposed that the RSC, JSC and GASC Chairmen agree on a process and implement it.

Appendix – Check-list on all items in the “Rules Proposals for 2016” document

Item	In this RSC/JSC report (incl. with amendments)	Rejected by RSC/JSC or Withdrawn	Glider	Catalogue	Not a rule	Comment
NP 2016-1	✓					
NP 2016-2			✓			
NP 2016-3	✓					
NP 2016-4	✓					
NP 2016-5			✓			
NP 2016-6	✓					
NP 2016-7	✓		✘			RSC/JSC and GASC views not aligned
NP 2016-8			✓	✓		
NP 2016-9	✓		✓			
NP 2016-10	✓		✓		✓	
NP 2016-11	✓		✓			
NP 2016-12	✓		✘			RSC/JSC and GASC views not aligned
NP 2016-13	✓		✘			RSC/JSC and GASC views not aligned
NP 2016-14	✓		✓			
NP 2016-15		✘				Withdrawn by UK
NP 2016-16	✓		✓			
NP 2016-17	✓		✘			RSC/JSC and GASC views not aligned
NP 2016-18	✓					
NP 2016-19	✓					