



## CIVA Plenary Annual Meeting 2024 Athens, Greece

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### Agenda item 8.1

# CIVA Sporting Code Part 1 Rules

## Items for Plenary

RC:	JC:
M. Roulet (Chairman)	P. Varloteaux (Chairman)
M. Gallaway	M. Delcroix
D. Genevey	D. Genevey
P. Havbrandt	Q. Hawthorne
H. Rohner	P. K�uchler
P. Varloteaux	A. Moore

Disclaimer: Rule proposals presented in this document shall not be construed as recommendation by the RC/JC that those proposals be adopted by Plenary.

Disclaimer: In this presentation items are shown in a summary form. Only the full document « CIVA Rules Committee Report » is the official reference, and takes precedence over this presentation.

# [ NP2025-1 ] Figures in Unlimited Unknowns

- 45deg down lines: **remove** specific restrictions on fam. 8.4.15 to 8.4.18.

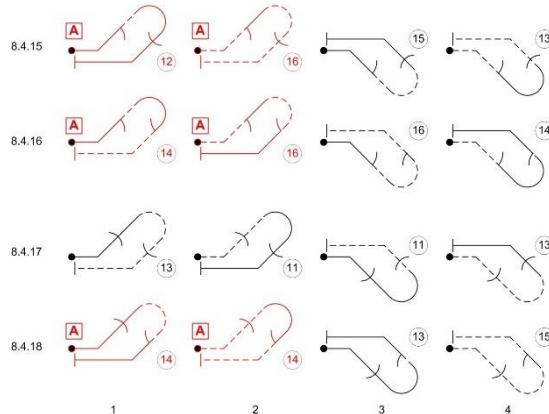
## Current

**A.15.1.3. Unlimited:** No unlinked and opposite rolls (ref A.2.2.2), nor combinations of flick roll and aileron roll (ref A.2.2.4), permitted on the 45° down line of 8.4.15 to 8.4.18



## New

**A.15.1.3. Unlimited:** Unlinked and opposite rolls (ref A.2.2.2), and combinations of flick roll first, and aileron roll after (ref A.2.2.4), **permitted** on the 45° down line of 8.4.15 to 8.4.18





# [ NP2025-2 ] Figures in Unlimited Unknowns

- In particular, **allow** flick rolls on 45deg up lines in stall turn figures

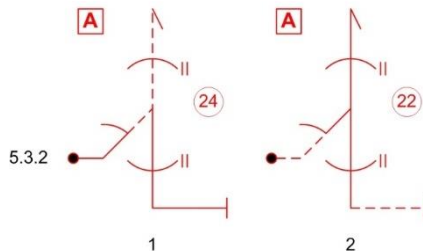
## Current

**A.2.2.3.** Combinations of aileron roll first, and then flick roll, may be added in Families 1, 7 and 8 on 45° up lines. The combined extent of rotation shall not exceed 540° with not more than 4 stops.

(...)

“**A.8.1.1.** All categories: In Family 5, No flick rolls permitted on ascending vertical or 45-degree lines, except in Family 5.2.1. “

Examples



## New

**A.2.2.3.** Combinations of aileron roll first, and then flick roll, may be added in Families 1, **5**, 7 and 8 on 45° up lines. **For Families 1, 7 and 8**, the combined extent of rotation shall not exceed 540° with not more than **3** stops. **For Family 5, A.8.1.3 applies.**

(...)

**A.8.1.1.** All categories except Unlimited: In Family 5, No flick rolls permitted on ascending vertical or 45-degree lines, except in Family 5.2.1.

**Unlimited: In Family 5, No flick rolls permitted on ascending vertical, except in Family 5.2.1.**

(...)

**A.8.1.3.** Unlimited: Combined total for all **aileron** roll elements on either or both the 45-degree and vertical up lines in Families 5.3.1 and 5.3.2 not to exceed 450° of rotation and 4 stops.

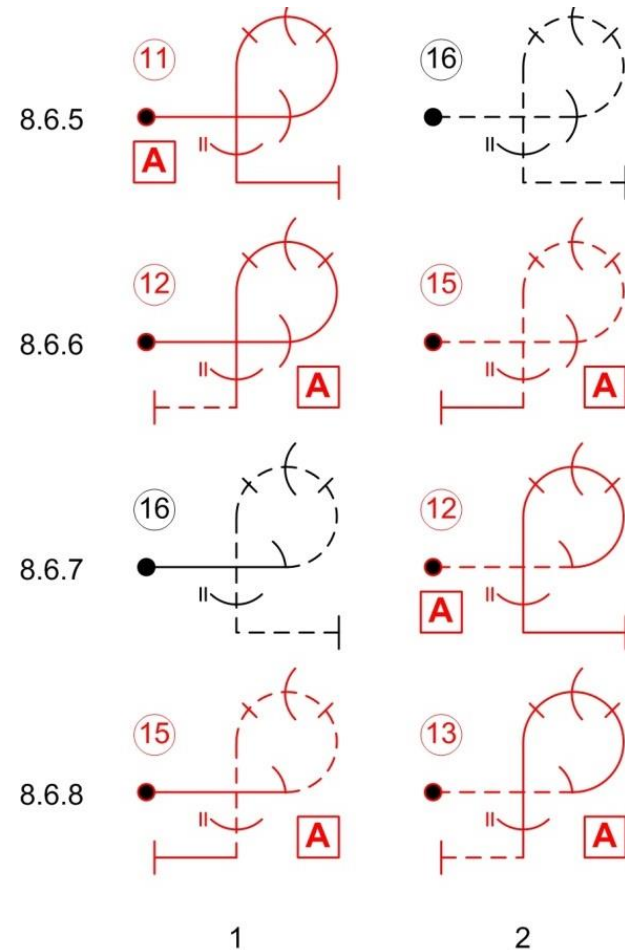
# [ NP2025-3 ] Figures in Unlimited Unknowns

- Allow flick rolls on vertical down lines after hesitation rolls on top of loop in fam. 8.6.5 to 8.6.8

## Remove Current A.17.1.7

**A.17.1.7. Unlimited:** From 8.6.5 to 8.6.8: No flick rolls on vertical down lines after a hesitation roll in the loop.

SWG





# [ NP2025-4 ] Figures in Unlimited Unknowns

- Add negative flick roll options

		½	¾	1	1¼	1½	1¾	2	
1		17	17	17					
2		15		15					
3		13		13		16			
4		13		13					
5		13	13	13					
6		19	19	19					
7		17		17					
8		15		15					
9		15		15					
10		15	15	15					
		1	2	3	4	5	6	7	8



## [ NP2025-5 ] Intermediate & Cat.1

- **Remove** Intermediate category from Cat.1 Championships (World, Continental) => Delete references to Intermediate throughout Part 1



## [ NP2025-20 ] Intermediate / Advanced & Cat.1

- **Remove** Intermediate and Advanced categories from Cat.1 Championships (World, Continental) => Delete references to Intermediate and Advanced throughout Part 1



## [ NP2025-6 ] Figures in Unlimited Unknowns

- **Allow** flick + aileron roll combinations on vertical down lines in fam. 1, 7 and 8

### Add A.2.2.6

**A.2.2.6.** *Combinations of flick roll first and then aileron rolls, may be added in Families 1, 7 and 8 on vertical down lines. The combined extent of rotation shall not exceed 360° with not more than 2 stops.*

**SWG**





[ NP2025-7 ]

## Number of Figures in Free Unknowns

- For all categories: **Reduce** number of figures in all Free Unknowns, from currently [10 drawn figures + 1 to 4 additional figures] to [7 drawn figures + 1 to 3 additional figures]
  - › Sum of all additional figures => K = **18** (i.e. 18 if one figure, 9 each if two figures, 6 each if three figures)
  - › Unlimited – number of flick rolls: 9.9 **Min 2** / Max 4 ; 9.10 **Min 2** / Max 4 ; Total 9.9 + 9.10 not to exceed **6**, thereof at least **1** vertical up ; no more than one flick per figure except two per figure in up to **1** figure.
  - › Max time to complete Free Unknown sequence reduced from 12 to **10** min





## [ NP2025-8 ]

# Number of Free Unknowns, Champ. duration

- For all categories: **Reduce** number of Free Unknown Programmes, from currently **3** to **2**

- › Adaptation to rules on sections

Prog. 1	Prog. 2	Prog.3
Section A	Section B	Section C
Section B	Section C	Section A
Section C	Section A	Section B

- › Rules on Programme 4 cut transferred to Programme 3

- › Duration of championships => “should last **7 to 8 days**”

- › **Open: Priority of Final Freestyle over second Free Unknown: Y / N ?**



## [ NP2025-22 ]

# Championship Duration

- World championships guidance => from **7 to 12** days to **5-7** days
- Continental championships guidance => from max **7** days to **5-7** days



[ NP2025-8 ]

## Number of Free Unknowns, Champ. Duration (cont'd)

- **Reduce** number of figures in Free Known, from [5 Known + 5 Free] to [4 Known + 4 Free]
  - **Reduce** Programme 1 flight time limit accordingly, from 12 to 10 min
- 



[ NP2025-25 ]

## Time Limit for Programme 1

- **Increase** Programme 1 flight time limit from 12 to 14 min



[ NP2025-9 ]

## Catalogue K of Additional Figures in Unlimited Free Unknowns

- In Unlimited Free Unknowns, **require** any additional figure to have a catalogue K of at least **35**

2.3.1.4. Sequences for Programme 2, 3 or 4 are to be composed using the 10 officially approved figures submitted by the National Teams, and additional figures from the Aresti System (Condensed) as currently amended by CIVA, ~~solely~~ to aid in composition. These additional figures may contain repetitions despite rule 2.3.1.1., **except that repetition of any catalogue number of Families 1 to 8, Family 9.9 and Family 9.10, of submitted figures according to 2.3.1.1, is not permitted in Unlimited.**

- 2.3.1.4.c) At least one additional figure, up to a maximum of four, must be included in each sequence.
- In Unlimited, any additional figure shall have a K-factor of at least 35.**
  - The K-factors for these additional figure(s) shall be modified so that they share equally an aggregate of 24K.



[ NP2025-10 ]

## Catalogue K of Additional Figures in Advanced Free Unknowns

- In Advanced Free Unknowns, **require** any additional figure to have a catalogue K of at least **25**

2.3.1.4. Sequences for Programme 2, 3 or 4 are to be composed using the 10 officially approved figures submitted by the National Teams, and additional figures from the Aresti System (Condensed) as currently amended by CIVA, ~~solely~~ to aid in composition. These additional figures may contain repetitions despite rule 2.3.1.1., **except that repetition of any catalogue number of Families 1 to 8, Family 9.9 and Family 9.10, of submitted figures according to 2.3.1.1, is not permitted in Advanced.**

- 2.3.1.4.c) At least one additional figure, up to a maximum of four, must be included in each sequence.
- In Advanced, any additional figure shall have a K-factor of at least 25.**
  - The K-factors for these additional figure(s) shall be modified so that they share equally an aggregate of 24K.



## [ NP2025-11 ] Excellence Category

- **Add** Excellence (a difficulty level between Advanced and Unlimited) to the list of CIVA contest level categories in Part 1
- **Add** all corresponding rules into Part 1, as developed for the 2024 planned trial



## [ NP2025-12 ] Practice Figures

- In 3.9.1.4., **remove** « but may be flown only once »

3.9.1.4. The pilot may perform up to three practice figures. These figures are optional ~~but may be flown only once~~, **and may be flown** in any order.  
(...)

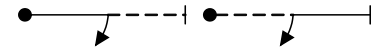


## [ NP2025-13 ] Safety Manoeuvres

- **Recommend** push/pull stick inputs as safety manoeuvres, prior to the safety half-rolls, and **require** minimum height

3.9.1.1. Before the wing-rocking at the start of each competition flight **and at a minimum height of 300m:**

- a) **it is recommended** that pilots perform, **first**, pull/push stick inputs (in any number, **in erect flight**), to create instant g-load and hence check harness and absence of loose articles in the aircraft.
- b) It is mandatory that pilots perform at least two half-rolls with a stop at the inverted position (1.1.1.3 & 9.1.3.2; 1.1.1.4 & 9.1.3.2). **At least in the first inverted position, push/pull stick inputs should be performed for the same purpose as above.**



3.9.1.2. **It is then mandatory that pilots perform** at least one of the practice figures specified in 3.9.1.5. These figures are flown to check the aircraft's inverted fuel and oil systems are operable, that there are no loose articles in the aircraft and to ensure that the pilot's safety harness, **and helmet or headset**, are properly secured.

3.9.1.3. The pilot may perform any number of half-roll figures (...)

3.9.1.4. In addition, **it is recommended** that pilots perform any number of turns (...)



## [ NP2025-30 ] Safety Half-Rolls Altitude

- **Require** first two safety hal-rolls to be performed at a minimum height of **500m** (Int), **300m** (Unl / Adv)

3.9.1.1. Before the wing-rocking at the start of each competition flight it is mandatory that pilots perform, **as the first Safety manoeuvres and before any other Safety, Warm-up or Practice manoeuvres in paragraphs 3.9.1.1., 3.9.1.2., 3.9.1.3. and 3.9.1.4.,** at least two half-rolls with a stop at the inverted position (1.1.1.3 & 9.1.3.2; 1.1.1.4 & 9.1.3.2) **at a height of more than 500 meters (Intermediate) and at a height of more than 300 meters (Advanced and Unlimited), followed by** at least one of the practice figures specified in 3.9.1.4. These figures are flown to check the aircraft's inverted fuel and oil systems are operable, that there are no loose articles in the aircraft and to ensure that the pilot's safety harness **and helmet or headset are** properly secured. (...)

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## [ NP2025-14 ] Safety Half-Rolls Altitude

- **Require** first two safety hal-rolls to be performed at a minimum height of **300m**





[ NP2025-21 ]

## Competitors and Team Composition

- **Require** prior declaration of competitors for Team results

*Example for World Championships / Unlimited:*

- 1.2.6.1.a)i) Every NAC shall notify the Organizer of a Championship, not less than two months before it is due to start, of the number of competing pilots to be entered from their countries up to a maximum of twelve (12). **Of these pilots, a minimum of two (2) and a maximum of three (3), regardless of gender, can be eligible for a team medal of their NAC. The name of these two (2) or three (3) pilots will have to be given by every NAC at the latest the day before the official start of the competition.**



[ NP2025-23 ]

## Reduction of number of Jury members present on site

- Reduce number of jury members present on site to the Jury President only (while Jury composition remains unchanged)

1.3.1.3. b) At World and Continental Championships, ~~three members~~ only the president of the International Jury must be physically present on site for the whole event duration (from General Briefing to Award Ceremony).

The other members must be available for online consultation called by the the president of the International Jury for the whole event duration (from General Briefing to Award Ceremony) with a maximum delay of 12 working hours.

1.3.1.4. ~~Three~~ All members of the International Jury must be ~~available~~ included into the process to hear appeals or protests submitted by competitors. A jury decision always has to be taken through a vote including all members.



## [ NP2025-24 ] Time Limits

- **Change** criteria for flight timing start: from “observed in flight” to “**cleared to enter the box**”

3.10.1.1. Programmes 1 to 4 will have a time limit of 12 minutes in all categories from the moment the aircraft is ~~observed in flight~~ **cleared to enter the box** by the Chief Judge / timers.

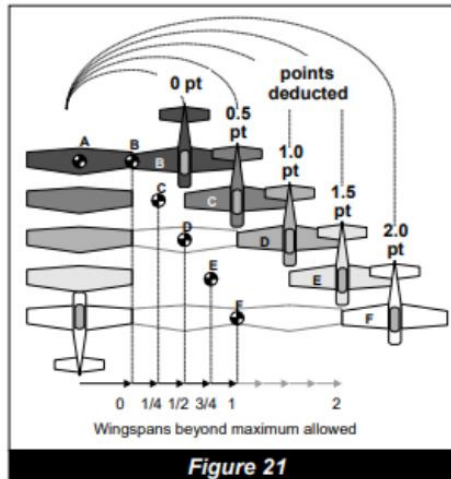
# [ NP2025-28 ] Stall Turn Downgrades

- **Proposal 1:** Change explanation logic / what judges need to pay attention to, regarding stall turn downgrades
- **Proposal 2:** Double penalty points vs current rules

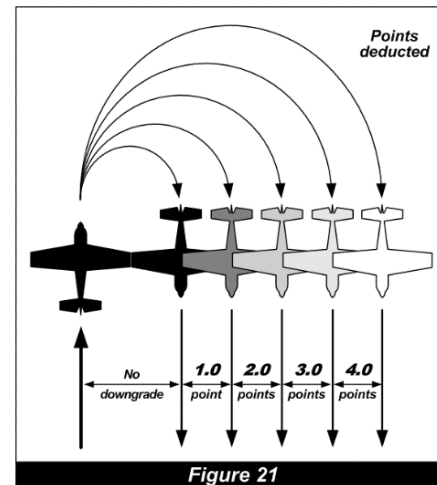
**Pivot axis:** must not exceed wingtip (half wingspan vs CoG).

Downgrade = 1 pt per pivot axis additional half wingspan

**Current**



**New**



**Lateral distance between the up-line and the down-line:** must not exceed one wingspan of the aircraft.  
Downgrade = 1 pt per additional lateral half wingspan (maximum 4 pts)



## [ NP2025-31 ] Individual Entries

- **Add** entries from individual pilots (i.e. not through their NAC)

### 1.2.6.x. Individual entries

- The Organiser is also obliged to accept entries from individual pilots.
- Individual pilots shall possess a current FAI Sporting Licence.



[ R2025-1 ]

# Final Freestyle Safety Communications and Deadline

- Add Final Freestyle safety requirements (deadline, communication)

## 2.4.1.5 Deadline

- a) When the performance zone for Programme 5 has been defined, the jury will assess this performance zone in relation to areas open to the public.
- b) If areas open to the public are further away than 200m from any point in the performance zone, or further away than the minimum distance to comply with the local regulation - whichever is greater, then no further action is necessary.
- c) If however any public area is within the minimum distance defined in b) of an edge of the performance zone, the organiser must establish an official deadline in compliance with the required minimum distance in front of the near edge of the performance zone.
  - i. The deadline should be monitored by one or more specially assigned persons appointed by the International Jury, if possible with sighting equipment to aid accuracy. If the competitor is observed to cross the deadline the Chief Judge must immediately be informed.
  - ii. The Chief Judge shall then immediately call that competitor with a “Land, Land, Land” instruction, and that competitor will be immediately disqualified from Programme 5.

(...)

- 2.4.1.6.c) The competitor must ensure that any music track played in the aircraft is operated such that it does not compromise the ability to receive safety messages from the Chief Judge.



**That's all folks !**