



*Fédération
Aéronautique
Internationale*



Glider Aerobatics Committee

Proposals Section 6 Part 2 2025 for 2026 Agenda item 8.2

Version 1.1 / 06 October 2025

GLIDER AEROBATIC COMMITTEE

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RULE PROPOSALS CHECKLIST

Highlighted in **Yellow**: Proposals for which the GAC and the RC/JC should aim for a common position.

CIVA#	NAC	#	Subject	Allocation	Page
NP2026-1	GER	1	Addition of figures to the Aresti Catalogue	CC/GAC	4
NP2026-2		2	Addition of figures to appendix A SC S6 Part 2	GAC	5
NP2026-3		3	Addition of figures to appendix A SC S6 Part 2	GAC	7
NP2026-4		4	Addition of figures to appendix A SC S6 Part 2	GAC	8
NP2026-5		5	Addition of figures to appendix A SC S6 Part 2	GAC	10
NP2026-6		6	2.4. Allowed Figures “AG” - Clarification	GAC	12
NP2026-7	FRA	1	Wind speed limits	GAC	14
NP2026-8		2	Disqualification height limits	GAC	15
NP2026-9		3	Cloud Base Minimum for Unlimited	RC	16
NP2026-10		4	Cloud Base Minimum for Advanced	RC	17
NP2026-11		5	Gender Ranking	RC	18
NP2026-12		6	Rookie Ranking	RC	19
NP2026-13		7	Reduction of Number of figures in Free Unknowns	RC	20
NP2026-14		8	Training for Final Freestyle	RC	21
NP2026-15		9	Free Unknown Figures in Adv	RC	22
NP2026-16		10	World Championships	RC	23
NP2026-17	RSA	1	Registration to Unlimited Freestyle (Para 1.2.6.1.a)v)	RC	24
NP2026-18	ESP	1	Half loops with rolls	RC/JC/GAC	25
NP2026-19		2	Half loops with rolls	RC/JC/GAC	26
NP2026-20		3	Increase in the number of permitted figures in programmes 2, 3 and 4 in Unlimited Cat.	RC	27
NP2026-21		4	Reallocate Intermediate to Category II Event to provide viable future	RC	28
NP2026-22		5	Limit the maximum number of competitors per team	RC	29

			to 6		
NP2026-23		6	Restriction of Competing Aircraft and Pilots	RC	30
NP2026-24		7	Modification for the Programmes 3 & 4, as UNKNOWN	RC	31
NP2026-25	ITA	1	Half loops with rolls	RC/JC/GAC	33
NP2026-26		2	Half loops with rolls	RC/JC/GAC	34

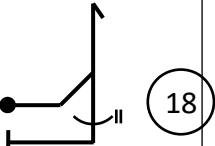

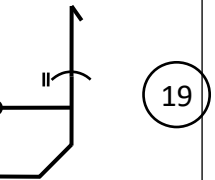
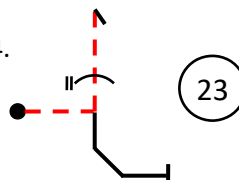
NP2026-1

CC

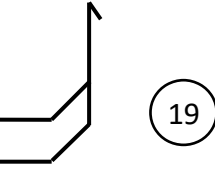
GAC

**GER PROPOSAL#1****Document:** Aresti Catalogue - Glider**Subject:** Addition of figures to the Aresti Catalogue - Glider**Proposal:**

Add a figure family 5.3 – Three-line stall turns to the catalogue, including following figures:

1.	1. 		3. 	
	K= 0+10+12+10+14 +84+12+20+10=182 → K=18		K=10+10+12+10+14 +84+12+30+13=195 → K=20	
3.	1. 			4. 
	K=10+20+14+84+12 +10+11+10+10=181 → K=18			K=13+30+17+114+15 +10+11+10+10=230 → K=23

Add a figure family 5.4 – Four-line stall turns to the catalogue, including following figures:

1.	1. 			
	K = 10+10+12+10+14 +84+12+10+11+10+10 = 193 → K=19			

Rationale:

These figures are included in the power catalogue. We consider them suitable for gliders as well, and they offer additional options to compose glider sequences.

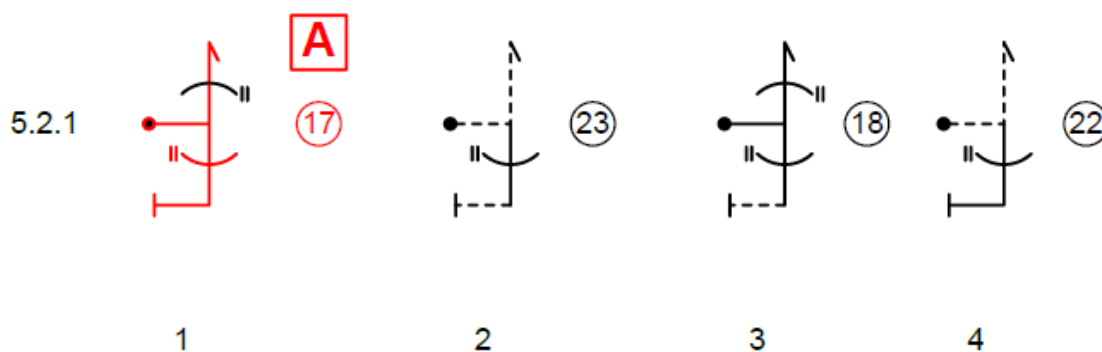
GAC Is in FAVOR of this proposal.

NP2026-2

GAC

**GER PROPOSAL#2****Document:** FAI Sporting Code Section 6 Part 2**Subject:** Addition of figures to appendix A of Sporting Code Section 6 Part 2**Proposal:**

In case of Proposal **NP2026-2** to CIVA 2025 is accepted, add the respective figures also to appendix A of FAI Sporting Code Section 6 Part 2, as follows.

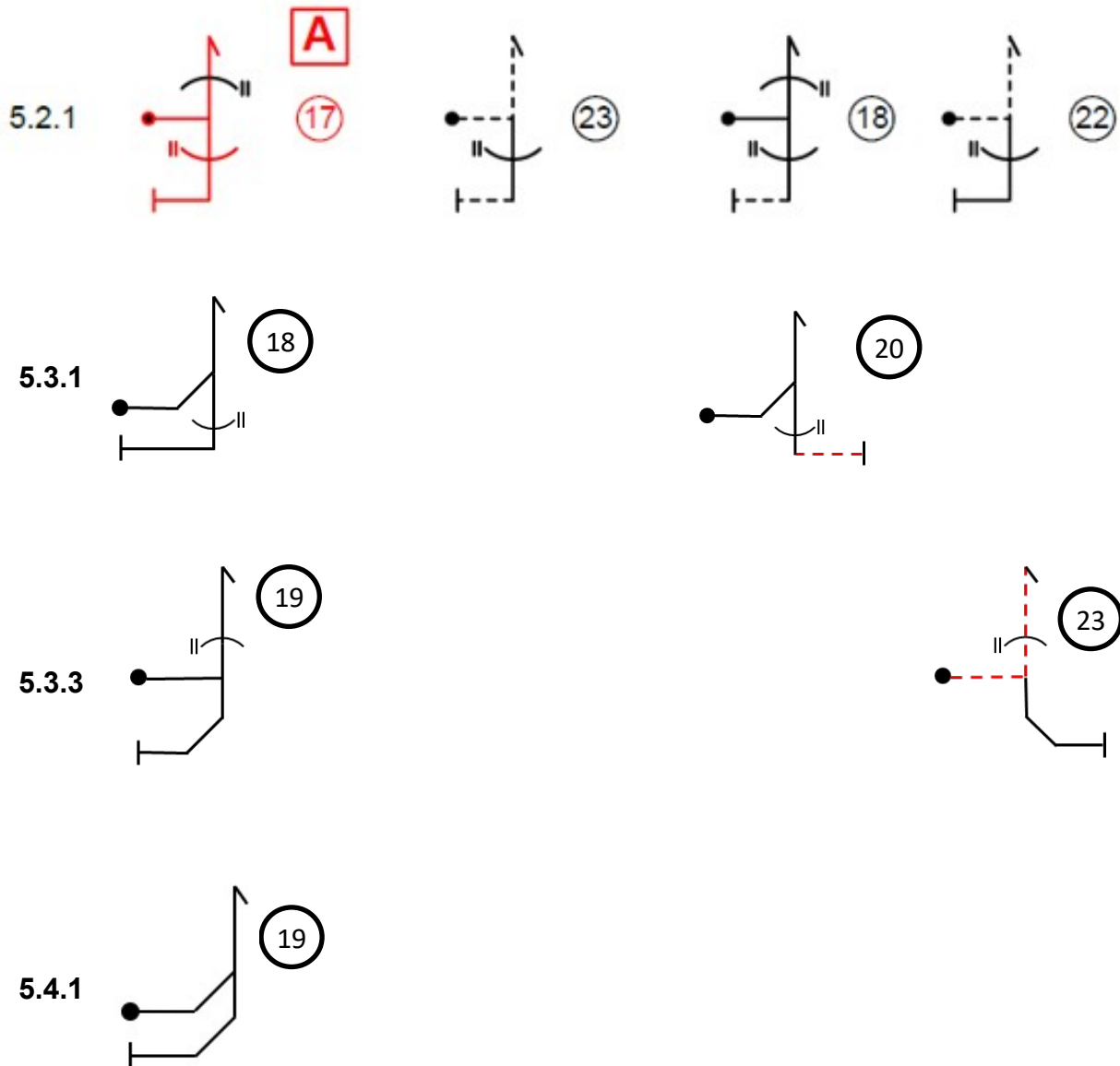
Current:**A.6. Family 5, Stall Turns**

A.6.1.1 Rolling elements may only be added where indicated.

A.6.1.2 For SZD-59 Acro and MDM 1 Fox not more than $\frac{1}{4}$ slow roll before negative exit on 5.2.1.2 and 5.2.1.3.

Proposed new:

A.6 Family 5, Stall Turns



A.6.1.1 Rolling elements may only be added where indicated

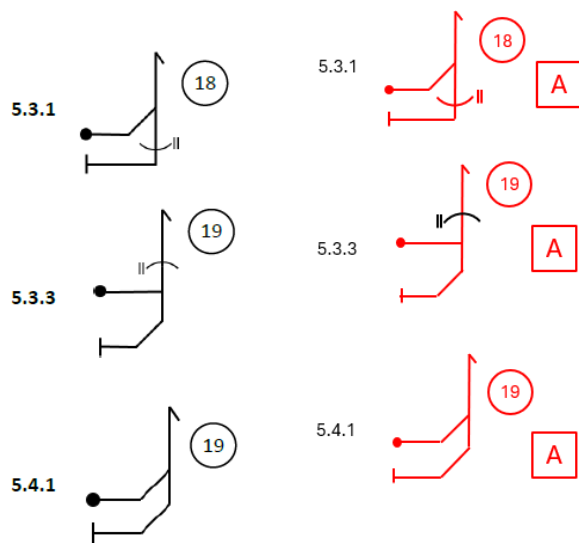
A.6.1.2 For SZD-59 Acro and MDM 1 Fox not more than $\frac{1}{4}$ slow roll before negative exit on 5.2.1.2 , 5.2.1.3. and 5.3.1.3

Rationale:

These figures offer additional options to compose glider sequences, also for programmes 2 to 6.

GAC Is in FAVOR of this proposal and recommends these figures also to be added.

GAC proposes to allow the figures 5.3.1, 5.3.3 (without the roll element) and 5.4.1 also for Advanced category. See below.



NP2026-3

GAC



GER PROPOSAL#3**Document:** FAI Sporting Code Section 6 Part 2**Subject:** Addition of figures to appendix A of Sporting Code Section 6 Part 2**Document:** FAI Sporting Code Section 6 Part 2**Subject:** Addition of figures to appendix A of Sporting Code Section 6 Part 2**Proposal:**

APPENDIX A: LIST OF FIGURES FOR PROGRAMMES 2 THROUGH 6, A.20. Family 9.8, 8-Point Rolls

Allowed is actually following:

9.8		$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
3		5 A	11 A						
		1	2	3	4	5	6	7	8

Add:

		$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
4			11						
5		5 A							

Rationale:

The a.m. figures are included in the Aresti catalogue. We consider them flyable with our current planes, and they could also be flown in programmes 2 through 6.

GAC Is in FAVOR of this proposal, after a minor change introduced after GAC meeting, and recommends these figures to be added.

NP2026-4

GAC



GER PROPOSAL#4

Document: FAI Sporting Code Section 6 Part 2

Subject: Addition of figures to appendix A of Sporting Code Section 6 Part 2

Proposal:

Actually, the allowed figures for Advanced category are as follows:

2.4. Allowed Figures “AG”

Except for the following restrictions, all the figures from the Aresti Catalogue (Condensed), Glider Version, may be flown.







- a) No full negative loops. No high-speed negative part-loops of more than 45° (1/8th loops).
- b) No rolling turns, except Catalogue No. 2.1.3.1 as Free figure only.
- c) No rolls vertically up. No more than 1/4 roll vertically down. No flick rolls, positive or negative. No inverted spins.

We propose to allow inverted spins also in Advanced category, and therefore to modify §2.4. c) as follows:







- c) No rolls vertically up. No more than 1/4 roll vertically down. No flick rolls, positive or negative. ~~No inverted spins.~~

Furthermore, we propose to amend APPENDIX A: LIST OF FIGURES FOR PROGRAMMES 2 THROUGH 6, A.24., Family 9.12, Negative Spins to allow the inverted spin also in programs 2 to 6:

Current:

							
			1	1¼	1½	1¾	2
1		Inverted Entry Line		7	8	9	
			4	5	6	7	8

Proposed new:

							
			1	1¼	1½	1¾	2
1		Inverted Entry Line		7	8	9	
				A	A	A	
			4	5	6	7	8

Rationale:

Negative spins are not critical to fly with our aerobatic gliders. Before introducing Advanced as an international competition category, in the German “Semi Aerobatic” category, which was a concurrent category, negative spins were regularly flown e.g. in free programs. The figure offers an extra option for the composition of glider sequences.

GAC is AGAINST this proposal,

We want pilots to move to Unlimited if they want to perform inverted spins.

NP2026-5

GAC



GER PROPOSAL#5

Document: FAI Sporting Code Section 6 Part 2

Subject: Addition of figures to appendix A of Sporting Code Section 6 Part 2

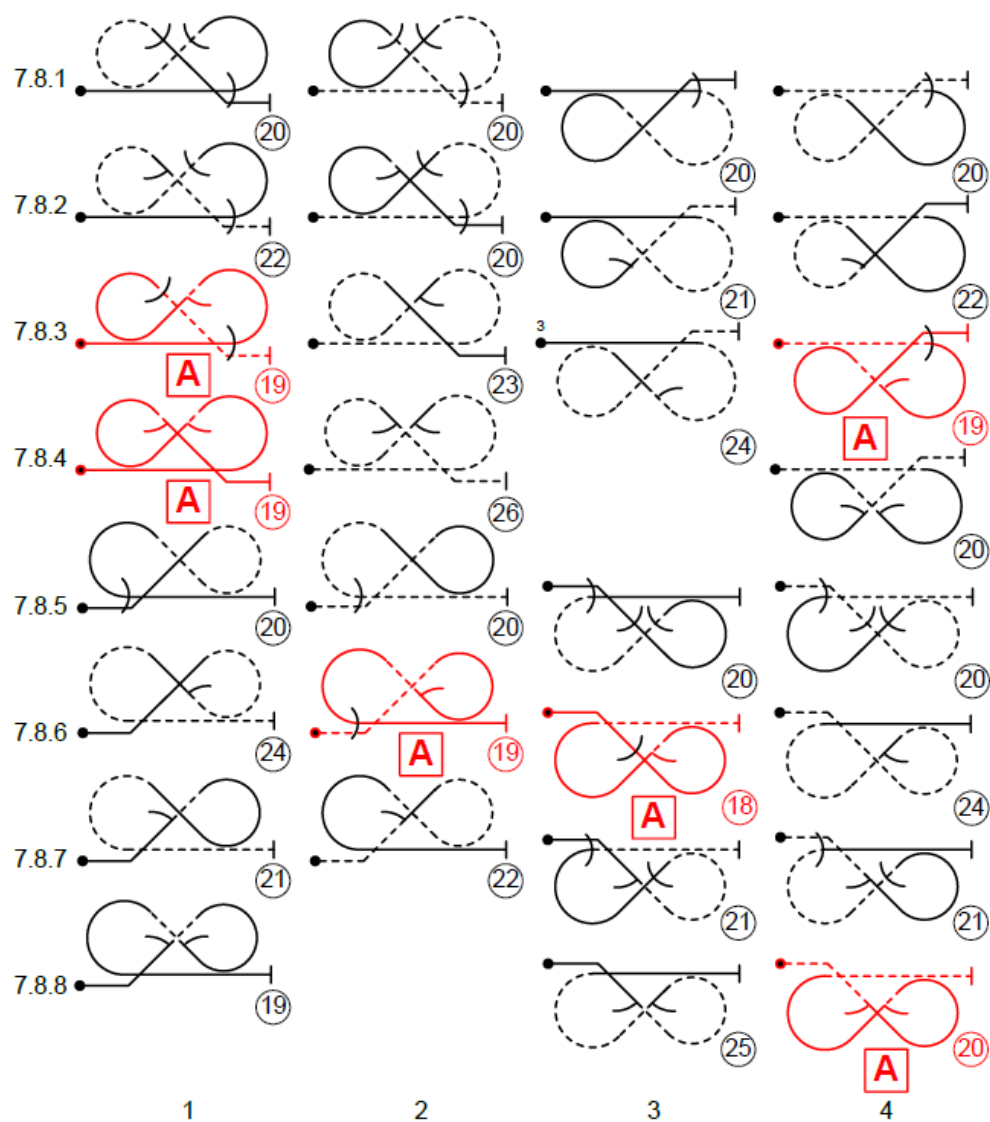
Proposal:

APPENDIX A: LIST OF FIGURES FOR PROGRAMMES 2 THROUGH 6

A.10. Family 7.8.1 to 7.8.8, Horizontal Eights

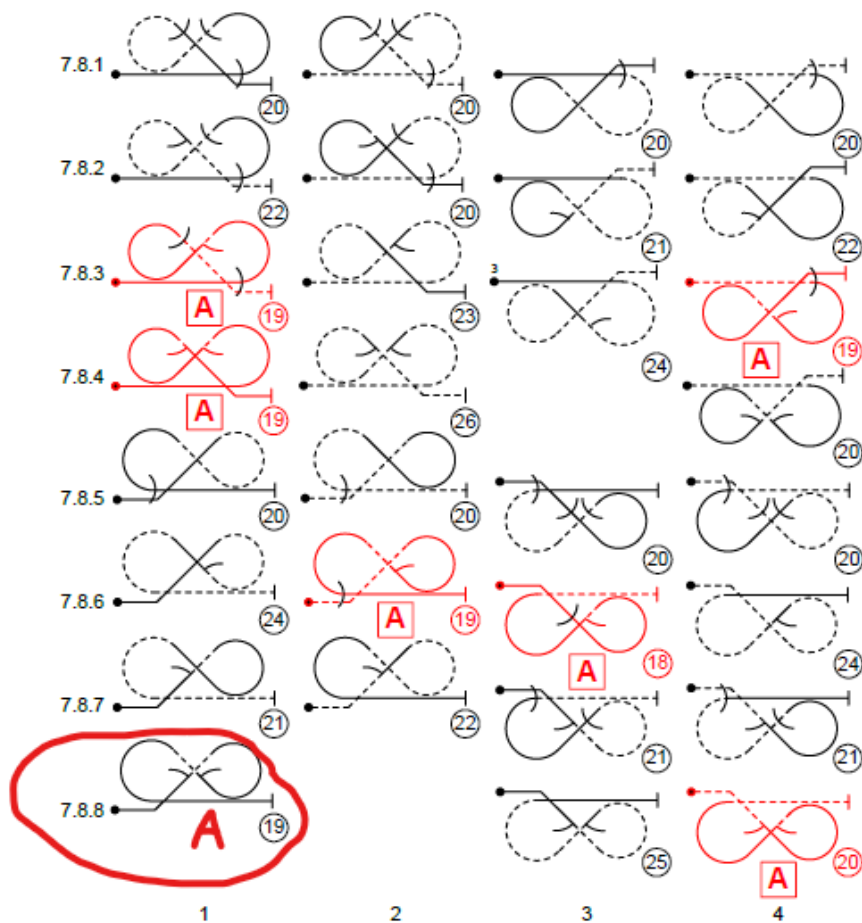
For Advanced category, actually the figures marked red below are allowed:

A.10. Family 7.8.1 to 7.8.8, Horizontal Eights



The proposal is, to add figure 7.8.8.1 also to the figures allowed in Advanced category.

A.10. Family 7.8.1 to 7.8.8, Horizontal Eights



A.10.1.1 No flick rolls on the horizontal entry lines of figures in columns 1 and 2 of 7.8.1 to 7.8.4.

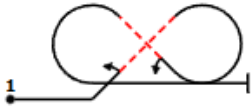
A.10.1.2 No flick rolls on the horizontal exit lines of figures in columns 1 and 2 of 7.8.5 to 7.8.8.

A.10.1.3 Sum of rolling angle on negative 45° downward lines not more than 180° for SZD-59 Acro.

Rationale:

The circled figure consist of positive loops and 45° upward lines with half rolls, both flown in Advanced in other figures, so it is uncritical to be flown in this category.

With 2 ½ rolls, the K of this figure is 37, so is still in line with § 2.3.1.4 b) (max figure K in Advanced for unknown figures = 37).



7.8.8.1(19)

9.1.2.2(9)

9.1.2.2(9)

K: 37

GAC Is in FAVOR of this proposal

NP2026-6

GAC

**GER PROPOSAL#6****Document:** FAI Sporting Code Section 6 Part 2**Subject:** 2.4. Allowed Figures “AG” - Clarification**Proposal:****Current:**

2.4. Allowed Figures “AG” includes following:

b) No rolling turns, except Catalogue No. 2.1.3.1 as Free figure only.

The term “as Free figure” was introduced in or before 2016. At this time, program 1 was called “Free Known”, and program 3 was called “Free Unknown”.

Following Screenshots are from Section 6 Part Version 2016-2

3.3.1. Sequence of Programmes

3.3.1.1. The Championship consists of the following six programmes:

- a) Free Known Programme (Programme 1)
- b) Unknown Compulsory 1 (Programme 2)
- c) Free Unknown Programme (Programme 3)
- d) Unknown Compulsory 2 (Programme 4)
- e) Unknown Compulsory 3 (Programme 5)
- f) Unknown Compulsory 4 (Programme 6)

3.4. Allowed Figures “AG”

Except for the following restrictions, all the figures from the Aresti Catalogue (Condensed), Glider Version, may be flown.

- a) No full negative loops. No high-speed negative part-loops of more than 45° (1/8th loops).
- b) No rolling turns, except Catalogue No. 2.1.3.1 as Free figure only.
- c) No rolls vertically up. No more than 1/4 roll vertically down. No flick rolls, positive or negative. No inverted spins.

In 2024 it was decided to change the naming of these programmes. Program 1 is now called “Known”, and program 3 is now called “Free”. So the originally intended meaning of the rule might have unintentionally been changed by the name change.

Furthermore, the term “free figure” appears in another place, describing the versatility of program 1 (Known, formerly called “Free Known”). Note the old term is accidentally still used in section 6 part 2.

2.2. Free Known (Programme 1)

- 2.2.1.1 Sequences for the Free Known Programme will be composed of figures or combinations of figures (a combination being taken as one figure) selected from the Aresti System (Condensed) as follows:
- a) Five (5) figures from a Known 'master set' selected at the CIVA plenary each year for each category. The five Known figures will be identified by letters "A" through "E" on all sequence forms for Programme 1.
 - b) **Plus five (5) Free figures** that each competitor must add, in order to design a sequence of ten (10) figures that satisfies regulations below.

Before the earlier "Free Program" was eliminated, figure 2.1.3.1 was only allowed in this program. The figures for this program were completely selected by the competitor.

Overall, it is today not fully clear where this figure 2.1.3.1 can be used, and where not in Advanced category.

Proposed:

We propose to change the wording of § 2.4 b) as follows:

No rolling turns, except Catalogue No. 2.1.3.1 in program 1 / Known, as figure added by the competitor according § 2.2.1.1. b)

Rationale:

Clarification, following to the renaming of programs last year

GAC Is in FAVOR of this proposal

No change, just clarification

GLIDER PROPOSAL OF FRANCE (revised)

Rationale

Crosswind is always a bigger problem for the pilots as headwind. With the actual rules the stronger the headwind the stronger is the crosswind (it is reflected for instance in the rules 3.7.1.2.c). Even more for gliders than for powered Ac.

France would like to propose to limit the crosswind component to 5m/sec in any speed of the head wind ;

1/ Delete the reference to the diagram and change

Paragraphe 3.7.1.2 c) as following

OLD

c) The maximum permissible average wind speed in the performance zone should remain inside the limits of the diagram in 3.7.1.10.

If the contest is significantly delayed due to unfavorable weather and there is a serious risk that the minimum number of Programmes (3) may not be completed in time, the limit for the headwind in the performance zone may be raised to 12 m/s without exceeding a crosswind component of 7 m/s subject to the following provisions:

NEW

c) The maximum permissible average wind speed components are:

Altitude	Direction	Maximum permissible
Surface	Any	10 m/s
	Crosswind (ref. runway)	5 m/s

Altitude	Direction	Maximum permissible
	Tailwind (ref.runway)	3 m/s
700 m	Headwind (ref. box main axis)	10 m/s
	Crosswind (ref. box main axis)	5 m/s
1200 m	Tailwind (ref. box main axis)	3 m/s

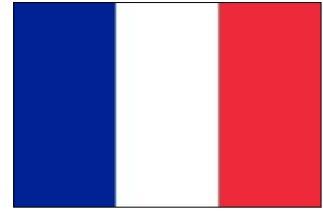
If the contest is significantly delayed due to unfavorable weather and there is a serious risk that the minimum number of Programmes (3) may not be completed in time, the limit for the headwind in the performance zone may be raised to 12 m/s without exceeding a crosswind component of 7 m/s subject to the following provisions:

2/ Delete paragraph 3.7.1.10

GAC Is in FAVOR of this revised proposal

NP2026-8

GAC

**FRA PROPOSAL#2**

Document: Section 6 Part 2

Subject: **Disqualification height limits****Proposal**

In paragraph 4.4.1.1. change 150m for 100m

Rationale

- a) In order to homogenise Part 1 with Part 2 there is no objective reason to have difference. See Part 1 para 3.8.1.1.
- b) It is much more difficult for a judge to determine 150m than 100m, for the difference to 200m being bigger.

GAC Is in FAVOR of this proposal

NP2026-18

RC

GAC

JC

**ESP PROPOSAL#1****Document:** Section 6 Part 1**Subject:** Half loops with rolls**Proposal****Existing Rule**

B.9.8.2.

... The half-loop follows immediately after the rolls without any visible line. Drawing a line requires a downgrade of:

- a) One (1) point for a short but visible line;
- b) Two (2) points for a more obvious line of length up to half the looping radius;
- c) Three (3) points for a longer line with length up to the full looping radius;
- d) Finally, four (4) points when the length of line exceeds the radius of the looping element.

New Rule

Add:

- e) If the visible line between wings levelled at the end of the half loop and the roll is started is greater than 2R or takes more than 2 seconds, then the figure must receive a mark of HZ, giving the reason 'Wrong figure, roll element missing (describe missing roll e.g. 2x4). If the roll element is subsequently flown to complete the figure, then this must be penalised as an insertion, as it gains the pilot an advantage by putting them back in the correct place to continue without taking a penalised break.

Rationale

Sometimes pilots forget that there is a rolling element to the figure after the part loop. This is characterised by an unusually long line after looping element is completed. As the pilot realises to have forgotten a part of the figure, they then insert the missing roll element which places them back in the correct attitude for the next figure or

continuation of the current figure. On occasions this is obvious, but sometimes the call is marginal. The judges need to have a mechanism to indicate that the roll element was initially missed and a simple majority allows the Chief Judge to reflect the collective judgement of the panel.

If the decision is protested the video evidence should be clear enough for the Jury to decide if they agree with the majority decision.

This proposal gives clarity to a situation which has arisen a few times in recent years and ensures that pilots receive the correct mark in proportion to their error.

RC Chairman Note: See ITA proposal #1 (NP2026-25). Same proposal. For Harmonization to be discussed with GAC/JC

NP2026-19

RC

GAC

JC

**ESP PROPOSAL#2****Document:** Section 6 Part 1**Subject:** Half loops with rolls**Proposal**

If Proposal #1 is accepted

Add:

4.4.2.1. j) a line inserted between half loop and rolls in 7.2.1 – 7.2.4 Families is longer than 2R or takes more than 2 seconds.

Rationale

To keep rules consistent

GAC is AGAINST this proposal.**We have no dedicated timer at the judging line.****The experience of timing 10 s slow rolls is very clear. Stay out of time limits.****RC Chairman Note:** See ITA proposal #2 (NP2026-26). Same proposal. For Harmonization to be discussed with GAC/JC