

AGENDA ITEM 10.2a

CIVA GLIDER AEROBATICS SUB-COMMITTEE REPORT

Draft Rules for Advanced Category Glider Aerobatics

1 General

It is proposed to hold future Advanced Category glider aerobatic events using the following rules. They are based on the FAI Sporting Code, Section 6, Part 2, Version 2008 referred to as “SC” in the following text.

Figure selection is based upon the Aresti Catalogue, Glider Version, 2005 edition with amendments 2006 and 2008 incorporated.

2 Programmes

Section 4.3 SC applies.

2.1 Authorized Figures

Except for the following restrictions, all figures from the Aresti System, Glider Version may be flown.

Loops and Part-Loops

No full negative loops.

No high-speed negative part-loops of more than 45° (max. 1/8 loops)

Family 2

No rolling turns, (except Catalogue number 2.3.1; optional, Free Programme only)

Family 9

No rolls vertically up.

No more than 1/4 rolls vertically down.

No flick rolls, positive or negative.

No inverted spins.

2.2 Known Programme

Section 4.3.2 SC applies with the above restrictions on figure selection.

2.3 Unknown Programmes

Unknown Programmes (Programmes 2, 4 and 5) are composed by the Jury.
Figures for the Unknowns will be selected by the competitors (Procedure follows para 4.3.3.1 SC). Figure selection according to chapter 9 of SC (above restrictions for Advanced Category apply).

Composition and approval of Unknown Programmes follow paragraphs 4.3.3.7 and 4.3.3.8 SC.

2.4 Unknown Free Programme (Programme 6)

Paragraphs 4.3.3.10 and 4.3.3.11 SC apply.

2.5 Free Programme (Programme 3)

Section 4.3.4 SC applies.

The above restrictions on figure selection also apply to the Free Programme.

2.5.1 Free Programme Versatility

Required:

- At least one figure each from families 5, 6, 7 and 8
- Family 2: at least one figure from sub-families 2.1 or 2.2; optionally, Cat.Nr. 2.3.1 may be flown.
- Family 9: At least 1/2 aileron roll and 2 consecutive elements of a hesitation roll.
- Super-slow rolls and spins are not required.

2.6 Coefficients of Programmes

Known Programme: 145 max.

Unknown Programmes: 145 (148) max. – 130 min.

Unknown Free: 140 max – 130 min.

Free Programme: 160 (163) max. 10 figures maximum; no bonus.



3 Participants

Pilots may only compete in international Advanced Category glider aerobatic championships if they have not competed internationally in Unlimited Category in the last four years.

Also excluded are pilots who have competed in power aerobatics at a higher level than Intermediate in the last four years.

4 Gliders

Swift and Solo Fox are not permitted in Advanced Category.