



*Fédération
Aéronautique
Internationale*

FAI Aerobatics Commission (CIVA)

SUMMARY OF CONCLUSIONS of the 2016 plenary meeting

held in Bucharest, Romania on the
5th and 6th November 2016
at the Intercontinental Hotel, Bucharest

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Issue 1.2 – 23rd November 2016

1. CIVA Presidents introductory remarks

President

Nick BUCKENHAM CIVA President

CIVA Bureau Members :

John GAILLARD Vice President

Matthieu ROULET Vice President

Philippe KÜCHLER Vice President

Castor FANTOBA Vice President

Jürgen LEUKEFELD Treasurer

Hanna RÄIHÄ Secretary

Zuzana DANIHELOVÁ Secretary

2. In memoriam

A moment of silence was held to remember our friends and colleagues who passed away in 2016:

Mike MANGOLD, USA, 12/2015

Klein GILHOUSEN, USA, 4/2016

Jacques GODBILLE, FRA 5/2016

Šarūnas STANIULIS, LIT, 6/2016

Michel LEUSCH, RSA, 8/2016

Hannes ARCH, AUT, 9/2016

3. Meeting Introduction

3.1. Roll Call of Delegations

Present: Australia, Brazil, Canada, Czech Republic, Denmark, Finland, France, Germany, Hungary, Italy, Japan, Lithuania, Poland, Portugal, Romania, Russia, South Africa, Spain, Sweden, Switzerland, Ukraine, United Kingdom

5 proxies were tabled:

Austria	to	Czech Republic
Ireland	to	United Kingdom
USA	to	Canada
Norway	to	Finland
Slovakia	to	Hungary

Apologies for absences:

Pavol KAVKA (SVK)

TOTAL VOTES: 27 Simple majority 14 2/3 majority 19

3.2. Minutes of the 2015 Meeting

The Delegates approved unanimously the Minutes of the 2015 Meeting

3.3. Declaration of Conflicts

Alan CASSIDY – Aresti software

Nick BUCKENHAM – ACRO software

4. Report from the President of CIVA – Nick Buckenham

Nick Buckenham presented his report.

5. Report from the FAI Representative

Markus Haggeneay, FAI Sports and Events Director presented his report.

6. CIVA Working Group Reports

- 6.1. FPS Working Group (Nick BUCKENHAM)
- 6.2. Contest Organizing Working Group (Nick BUCKENHAM)
- 6.3. Strategic Working Group (Nick BUCKENHAM)
- 6.4. Part 1 restructuring Working Group (Matthieu ROULET)
- 6.5. Known Assessment Working Group (Alan CASSIDY)

Reports approved by CIVA

7. Report on CIVA Finances 2015 – 2016

Mr. Jürgen LEUKEFELD, CIVA treasurer reported on:

- 7.1. 2016 Financial Results
- 7.2. 2017 CIVA Travel Allowance Programme
- 7.3. 2017 Budget

Reports approved by CIVA

8. Break for Refreshment

9. Reports on the 2016 Championships

9.1. Reports on the World Air Games 2015, Dubai, UAE

- President of the International Jury (Nick BUCKENHAM)
Report approved by CIVA
- Contest Director (Vladimir MACHULA)
No report from the Contest Director
- Chief Judge (John GAILLARD)
Reports approved by CIVA

9.2. Reports on the 12th FAI World Advanced Aerobatic Championships 2016 (Radom - Sadkow, Poland)

- President of the International Jury (Nick BUCKENHAM)
- Contest Director (Pavol KAVKA)
- Chief Judge (John GAILLARD)
Reports approved by CIVA

9.3. Reports on the 19th FAI World Glider Aerobatic Championships 2016 and the 7th World Advanced Aerobatic Championships 2016 (Matkópuszta, Hungary)

- President of the International Jury (Manfred ECHTER)
- Contest Director (Tamás ABRÁNYI)
- Chief Judge (Philippe KÜCHLER)

Reports approved by CIVA

9.4. Reports on the 20th FAI European Aerobatic Championships 2016 (Moravská Třebová, Czech Republic)

- President of the International Jury (LG Arvidson)

No report from the Jury President

- Contest Director (Vladimir MACHULA)

No report from the Contest Director

- Chief Judge (Nick BUCKENHAM)

Report approved by CIVA

New Technical Systems

- Philippe KÜCHLER talked about the Polish ASSD + PL aircraft tracking a position reporting system and its possible use at the FAI championships.
- Nick BUCKENHAM and Lucian DRAGUS presented the new website which will replace the current civa-news website.
- Nick BUCKENHAM introduced and explained a series of new CIVA Technical Data Sheets providing basic reference information in support of the key hardware and software system than we use.

10. CIVA Committee Reports & Proposed Rules Changes

10.1. Report of the CIVA Rules Committee (Matthieu ROULET)

Report of the CIVA Rules committee by Matthieu ROULET

NP2017-2 (FRA)

- Task a CIVA Working Group to assess potential revision to the scoring system with the objective that, for a given competitor, the overall scoring obtained in a programme does not depend on the scoring of the other competitors: a prerequisite to widespread real-time display, which itself is a necessary step towards increased public visibility and media coverage.
- FPS would be kept to derive detailed judging analysis.
- A new working group to be appointed and to look into this issue.

No objection, CIVA agreed

NP2016-11 (RSA)

- Use of Boundary Judges discontinued.
- Boundary judging (and associated penalties) maintained if use of electronic device.

Vote: in favour: 17, against: 7, abstention: 3

CIVA agreed

NP2017-12 (RSA)

- Revise the way we handle "A" to eliminate (or not reward) incompetence or manipulation by judges, as follows:
 - "A"s given where no "HZ" is involved:
That Judges be allowed two "A"s per programme thereafter a factor of one be added to the judges RI for the programme for each subsequent "A" given.

- “A”s given where “HZ” is involved:
That a judge giving an “A” should receive an average of the other judge’s raw marks, before the statistical process takes place. In addition, a factor of two should be added to the judges RI.

Vote: in favour: 6, against: 15, abstentions: 6

CIVA rejected, FPS WG to look at the RI criteria and find a solution

NP2017-14 (RSA)

Proposal Summary:

- Change 4.1.2.7 (Part 1 ref) from:
A judge will not make improper communication to third parties by means of cell phone, radio, or any other means whilst on the judging line or during breaks/lunches. Failure to adhere to this instruction may lead to expulsion from the judging line

To:

CIVA Judges and Assistants, on being selected for duty on an international Judging Panel, must at all times act with true impartiality and treat all competitors on an equitable basis including during breaks in the competition. Any indication that a Judge or Assistant is acting contrary to the required manner and/or is seen to be colluding with a third party in matters that could affect their impartiality may lead to expulsion from the judging line, subject to review and confirmation of such directive by the International Jury.

- That all judges and assistants are required to sign the following declaration when registering at the event:

At [CIVA Championship name / title / date] –

I the undersigned CIVA appointed Judge / Assistant hereby declare that:

- 1. I will act in a truly impartial and equitable manner for the duration of this event.*
- 2. I have studied the CIVA judging regulations and will apply them accurately and without favour regardless of the identity of the aircraft or competitor.*
- 3. I accept that if I am found to be in breach of these declarations I may be expelled from the judging line, subject to review and confirmation of such a directive by the International Jury.*

Signature: _____ Date: _____
 Signature: _____ Date: _____
 Signature: _____ Date: _____ etc.

Vote: in favour: 22, against: 1, abstain: 4

CIVA agreed

NP2017-18(SUI)

Proposal amended by RC (RC amendment highlighted):

- Change 4.2.3.1 (Part 1 ref) from:
If an electronic tracking system is operated, the position of the aircraft will be indicated by the instrument, and performance zone boundary infringements (including buffer zone according to the 4.3.5.2) recorded by an official appointed to this end by the International Jury.

To:

If an electronic tracking system is used, the position of the aircraft will be tracked by the instrument and performance zone boundary infringements (including the 50 m buffer zone according to the 4.3.5.2) recorded. A member of the International Jury or a neutral person assigned by the International Jury **must** be present at the recording station to **continuously** monitor the operation of the system.

No objections, CIVA agreed

NP2017-19 (GRB)

- Include either or both of the following additional figures in Section-6 Part-1 Appendix-A so that they can be used during the compilation of unknown Programmes for Advanced category aircraft:
 - Proposal #1 (a) – Family 6 Tail Slides

In this case no rolls may be added on either the upward or downward lines.

- Proposal #1(b) – Family 9.10 Negative Flick Rolls
In this case the specific flick rolls should be used only on 1.1.1.4 and 1.1.1.2 lines, with optional net 180° and 360° complementary aileron rolls in either the same or the opposite direction.

Proposal #19 (a)

Vote: in favour: 15, against: 10, abstain: 2

CIVA agreed

Proposal #19 (b)

Vote: in favour: 7, against: 17, abstain: 2

CIVA rejected

NP2017-20 (USA)

Proposal Summary

- Add a new section, A. 18, to Appendix A (*see next page*). Existing sections A. 18 through A. 25 to be renumbered appropriately.

(Part 1) A. 18 Family 8.8

A. 18.1.1. All categories: In Family 8.8, a maximum of one Family 9 element allowed on any vertical line.

Vote: in favour: 16, against: 7, abstain: 4

CIVA agreed

NP2017-22 (USA)

Proposal Summary:

Changes 3.10.1.4. as follows:

The end of the time limit will be clearly announced by the Chief Judge to the pilot by means of radio. Each figure of Programme 1-4 performed after the time limit ~~will not be marked by the judges~~ will be set to CHZ by the Chief Judge, and judges should, where necessary, revise their marks to HZ for these figures. In the event that a pilot takes a permitted weather break, the stop watch will be stopped on the third wing dip at the start of the break and re-started on the third wing dip signaling the beginning of the second part of the broken sequence.

No objection, CIVA agreed

Wording has to be modified "figure started after the time limit" (instead of performed).

10.2. Report of the CIVA Judging Committee (John GAILLARD)

and

10.3. Report of the CIVA Catalogue Committee (Manfred ECHTER)

Reports approved by CIVA

10.4. Report of the CIVA Glider Aerobatics Committee (Manfred ECHTER)

NP2017-3 (FRA)

Add a new paragraph:

3.3.1.3 If there is insufficient time to fly all six Programmes due to weather or technical reasons, the International Jury is authorised to introduce a cut for the last Programme up to a maximum of 50% of the competitors, based on the combined standings up to this Programme.

The option to introduce a cut must not be limited to Programme 6 only.

No objection, CIVA agreed

NP2017-4 (GER)

Proposal to delete the Harmony Mark for Glider sequences.

No objection, CIVA agreed

NP2017-6 (GER)

Proposal to increase the number of medals for various Programmes from now two to three. Medals should be awarded as follows:

- Medal for the Free Known (Programme 1)
- Medal for Free Unknown (Programme 3)
- Medal for the combined Unknown Compulsory Programmes (Programme 2, 4, 5, and 6)

Vote: in favour: 14, against: 5

CIVA agreed

NP2017-7 (GER)

Proposal to add figures from Families 8.6.17 through 8.6.23 (P-Loops with half rolls on top) to the list of figures for Unknown Programmes (Appendix A).

No objection, CIVA agreed

NP2017-8 (GER)

Proposal to add new remark: A. 14.1.3: “No flick rolls on horizontal entry or exit lines of figures in columns 1 and 2.”

No objection, CIVA agreed

NP2017-9 (GER)

Proposal to add a new sub-paragraph under 1.4.1.1.

- f) Selecting at least one Warm-Up pilot several months prior to the event. The President of the International Jury will invite NACs to nominate qualified pilots for this duty.

Amend current paragraph 3.1.9 Warm-Up Pilots.

No objection, CIVA agreed

NP2017-11 (RSA)

Proposal rejected by the GAC

NP2017-16 (GER)

Proposal to amend the paragraphs discussing Programme 3 (Free Unknown), i.e. 3.3.3.8, 3.3.3.10 and 3.3.3.11 to use the same procedure as specified in Section-6, Part-1.

No objection, CIVA agreed

NP2017-17 (SUI)

Amend paragraphs 2.6.3.1. through 2.6.3.4 regarding interruptions and replace the word “interruption” by “insertion”.

No objection, CIVA agreed

NP2017-19 (USA)

Proposal rejected by the GAC

Judge Selection Procedure for Glider Events

Allow the Chief Judge to select the members of the board of judges and allow a maximum of two judges per NAC, even with the minimum panel of seven judges.

Vote: in favour: 11, against: 9

CIVA rejected

10.5. Report of the CIVA Known Free Working Group (Nick BUCKENHAM)

No objection, CIVA agreed

10.6. Report of the CIVA ICTC Working Group (Vladimir MACHULA)

No report of the WG

10.7. Safety and Expedited Proposals (SP & EP) from 2016 Championships (Delegates & Contest Officials)

Proposal #1: Electronic Position Tracking

All points covered in previous discussions.

Proposal #2: Minimum Number of Programmes for a Valid World Championship

a) Amend first sentence of para 1.3.1.4.

Proposal withdrawn

b) Add a new para 3.3.1.3 i.a.w. proposal NP2017-3

Already discussed in Rules Committee NP2017-3

Rest periods called only with the agreement of at least two thirds of the competing NACs.

Vote: in favour: 9, against: 11, abstain: 7

CIVA rejected

Proposal #3: Increase the Sum-K for five Unknown Figures in Unlimited to 110

No objection, CIVA agreed

Proposal #4: Video audio track recording of HMD altitudes beeps

Already incorporated in Section-6, Part-2, Appendix C

Proposal #5: Timing of the First Drawing of Lots and the General Briefing

No objection, CIVA agreed

Plenary agreed that the corresponding night to be covered in the entry fee.

Proposal #6: Give priority in the drawing of lots to Teams comprised of two pilots over single pilot "Teams"

Vote: in favour: 24, against: 1, abstain: 2

CIVA agreed

10.8. President's Proposals 2016 (Nick BUCKENHAM)

Proposal #1: Establishing the Official Wind Direction

No objection, CIVA agreed

Proposal #2: Signalling procedures in Part 1

CIVA agreed

The discussion will continue within the Bureau

Proposal #3: Safety and practice manoeuvres in power Programme 1

Proposal withdrawn

Proposal #4: Additional structures for World and Continental Championships

An aircraft manufacturers championships

The discussion will continue within the Bureau

Private and Commercial Teams

The discussion will continue within the Bureau

Proposal #5: Handling of "H/C" competitors' results

No objection, CIVA agreed

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Proposal #6: Judge preparation and final instruction at championships

No objection, CIVA agreed. To be in the Requirements document or Organiser's Handbook, not Section 6.

Proposal #7: Video/Audio devices and in-flight information

Proposal withdrawn, it has to be improved and further discussed

11. CIVA Free Known programme figure selections for 2017 (see page 15)

Power Advanced Free Known Programme

Proposal 2 selected

Power Unlimited Free Known Programme

Proposal 2 selected

Yak 52 and Intermediate Free Known Programme

Proposal 2 selected

Advanced Glider Free Known Programme

Proposal D selected

Unlimited Glider Free Known Programme

Proposal A selected

12. Future FAI Aerobatic Championships

12.1. Report of the 10th FAI European Advanced Aerobatic Championships 2017 (Chotěboř, Czech Republic)

Location:		Chotěboř, Czech Republic
Dates:	Training days:	30.7.-5.8.2017
	Contest days	5.-13.8.2017
Entry fees:	Competitors	1700€ in dbl room, 1900€ in sgl room
	Other team members	1450€ in dbl room, 1650€ in sgl room
Judges:		10 teams + CJ team
Contest Director:		Vladimir MACHULA
Late payment + 200€ from 5 weeks prior		

No objection, bid approved by CIVA

12.2. Report of the 29th FAI World Aerobatic Championships 2017 (Malelane, South Africa)

Location:		Malelane, Republic of South Africa
Dates:	Training days:	tba
	Contest days:	9.-17.9.2017
Entry fees:	Competitors	1700€ in dbl room
	Other team members	1200€ in dbl room
Judges:		10 teams + CJ team
Contest Director:		John Gaillard

No objection, bid approved by CIVA

12.3. 20th FAI World Glider Aerobatic Championships and the 8th World Advanced Glider Aerobatic Championships 2017 (previous bid approval rescinded, to be re-confirmed)

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Location:		Torun, Poland
Dates:	Training days:	tba
	Contest days:	27.7.-5.8.2017
Entry fees:	Competitors	750€
	Other team members	300€
Towing:		65€/1250m, 60€/training
Judges:		7 teams + CJ team (the additional night covered)
Contest director:		Jerzy MAKULA

No objection, bid approved by CIVA

12.4. 5th FAI World YAK52 Aerobatic Championships

Location:		Tula, Russia
Dates:	Training dates:	5.-8.7.2017
	Contest dates:	9.-16.7.2017
Entry fees:	Competitors:	1500€
	Other team members:	1200€
Contest director:		Dmitry MOTIN
Late payment + 200€ after 9.6.2017		

No objection, bid approved by CIVA

12.5. Other future events (Bids invited)

13th FAI World Advanced Aerobatic Championships 2018

BID

Location:		Strejnic Airfield, Romania
Dates:	Training days:	9.-15.8.2018
	Contest days:	16.-26.8.2018
Entry fees:	Competitors	1700€ in double room
	Other team members	1450€ in double room
Judges:		7 teams + CJ team (the additional night covered)

No objection, bid approved by CIVA

10th FAI World Advanced Aerobatic Glider Championships and 22nd World Aerobatic Glider Championships 2019

BID

Location:		Deva Airfield, Romania
Dates:	Training days:	tba
	Contest days:	18.-28.7.2019
Entry fees:	Competitors	700€
	Other team members:	250€
Judges:		7 teams + CJ team (extra day covered)
Towing:		65€/1250m, 50€/850m
Contest Director:		tba

Bid approved by CIVA (Note! Issue with suitable towing aircraft must be solved)

Invitations given to the Danubia Cup 2017 in Hungary and Danubia Glider Cup 2017 in Romania

Summary of Conclusions of the Plenary Meeting of CIVA 2016



- 12.6.** Report of the World Games 2016, test event (Phillippe KÜCHLER)
No written report, Philippe Kuchler gave his report.
- 12.7.** Reports from FAI Representative (Markus HAGGENEY)
- **Report of the World Air Games in Dubai 2015**
 - **Review of the World Games in Poland 2017**
 - **TV Production and Communication for the next year 2017**

Note: Jerzy Makula has offered free airline tickets to all officials or CIVA people for the WGAC in Poland if they can find and arrange the travel with the Polish Airline LOT.

13. FAI Special Aerobatic Events (FSAE) for 2017

World Formation Aerobatic Challenge (Nick BUCKENHAM)

- Draft regulations for special events available on FAI CIVA document page (Section 6 Part 5a, Section 6 Part 5b) – **CIVA approved the draft regulations**
- CIVA Bureau will have the authority to select the Chief Judge and International Jury.

Sky Grand Prix (John GAILLARD)

- Mr Gaillard expects to provide details at a later date.

14. List of FAI International Aerobatic Judges

AUS	Add: Jeremy Miller
AUT	No change
BRA	No change
CAN	No change
CZE	No change
DEN	No change
FIN	No change
FRA	No change
GBR	No change
GER	No change
HUN	No change
IRL	No change
ITA	Add: Alfredo Pieraccini
JPN	No change
LTU	No change
NOR	No change
USA	No change
POL	No change
POR	No change
ROM	Add: Csaba Pakai
RSA	No change
RUS	No change
SPA	No change
SUI	No change
SVK	No change
SWE	No change
UKR	<i>Remove: Sergey Krivoruchko, Vladimir Gradocsky</i>
	Add: Olga Romashova
USA	No change

15. Other Reports and Business

15.1. FAI/Aresti Committee Report 2016 (John GAILLARD)

15.2. Contest Scoring Programme Report 2016 (Nick BUCKENHAM)

15.3. Championship Organiser of the Year Trophy for 2016 (Nick BUCKENHAM)

- Trophy awarded to Organiser of the 19th FAI World Glider Aerobatic Championships and 7th World Advanced Glider Aerobatic Championships 2016 represented by the Contest Director - Tamás Abrányi

15.4. Leon Biancotto Diploma (Nick BUCKENHAM)

- Leon Biancotto Diploma will be awarded to Peter Besenyei.

15.5. Other Reports / Business

- Remark by Phillippe KÜCHLER to be more careful with awarding the Championships to countries much in advance, since there have been issues with changing the location for already awarded competitions, safety issues, etc.
- Remark by Vladimír Machula about the mandatory use of 8.33 kHz radios since April 2017 in the Czech Republic. There is an exception for the competition, but for the ferry flight pilots must such radios fitted.

16. CIVA elections for 2017

Note: 26 votes, simple majority: 14, 2/3 majority: 18

President:

Nick BUCKENHAM, elected 2015 for 2016-2017

Vice Presidents:

Matthieu ROULET, elected 2015 for 2016-2017

Philippe KÜCHLER, elected 2015 for 2016-2017

Castor FANTOBA, elected 2016 for 2017-2018

Tamas ABRÁNYI, elected 2016 for 2017-2018

Secretaries:

Zuzana DANIHELOVÁ, elected 2015 for 2016-2017

Hanna RÄIHÄ, elected 2016 for 2017-2018

Note: 24 votes, simple majority: 13, 2/3 majority: 17

Treasurer:

Jürgen LEUKEFELD, elected 2016 for 2017-2018

Rules Committee

Chairman:

Matthieu ROULET

Members:

Elena KLIMOVICH

Pierre VARLOTEAUX

Jürgen LEUKEFELD

Nick BUCKENHAM

Philippe KÜCHLER

Judging Committee:

Chairman:

John GAILLARD

Members:

Nick BUCKENHAM

Pierre VARLOTEAUX

Philippe KÜCHLER
Mikhail MAMISTOV
Brian HOWARD

Glider Aerobatic Committee

Chairman:

Manfred ECHTER

Members:

Philippe KÜCHLER
Madelyne DELCROIX
Jerzy MAKULA
Pekka HAVBRANDT
Ferenc TOTH

Catalogue Committee

Chairman:

Manfred ECHTER

Members:

Anatoly BELOV
Pierre VARLOTEAUX
Madelyne DELCROIX
Brian HOWARD
Pekka HAVBRANDT

ICT Committee

Chairman:

Vladimir MACHULA

Members:

Ringo MASSA
Nick BUCKENHAM
Philippe KÜCHLER
Bernhard DRUMMER
Peter ROUNCE

17. Appointment and Approval of Championships Officials

17.1. 20th FAI World Glider Aerobatic Championships and 8th FAI World Advanced Glider Aerobatic Championships: Torun, Poland - 27th July to 5th August 2017

President of the International Jury

Manfred ECHTER

Members of the International Jury

Madelyne DELCROIX
Kari KEMPPİ

Chief Judge

Philippe KÜCHLER

17.2. 5th FAI YAK52 Aerobatic Championships: Tula Region, Russia - 9th to 16th July 2017

President of the International Jury

John GAILLARD

Members of the International Jury

Pierre VARLOTEAUX

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Jürgen LEUKEFELD

Chief Judge

Vladimír MACHULA

17.3. 10th FAI European Advanced Aerobatic Championships: Chotěboř, Czech Republic – 5th to 13th August 2017

President of the International Jury

Philippe KÜCHLER

Members of the International Jury

Elena KLIMOVICH

Tamás ABRÁNYI

Chief Judge

Nick BUCKENHAM

17.4. 29th FAI World Aerobatic Championships: Malelane, South Africa - 9th to 17th September 2017

President of the International Jury

Alan CASSIDY

Members of the International Jury

Vladimír MACHULA

Pierre VARLOTEAUX

Chief Judge

Nick BUCKENHAM

17.5. The World Games 2017: Wroclaw, Poland - glider aerobatics during 20th to 24th July 2017

Chief Judge

Bernard COURTOIS

18. Date and Place of Future Plenary Meeting

Place: Salon de Provence, France
Date: 4.-5.11.2017

Submitted for approval,

Hanna RÄIHÄ

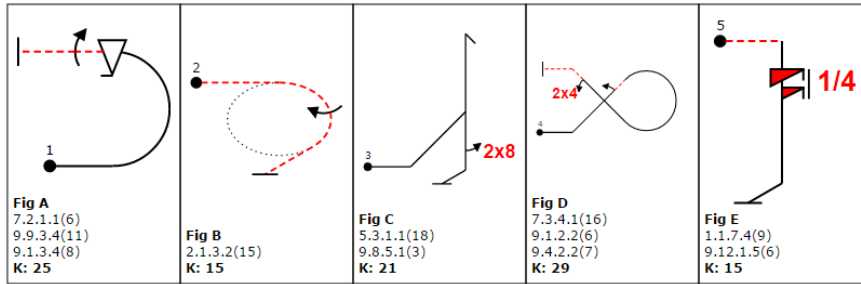
Zuzana DANIHELOVÁ

Secretaries of CIVA

The "Known" figures specified by CIVA for Free Known programmes in 2017 are:

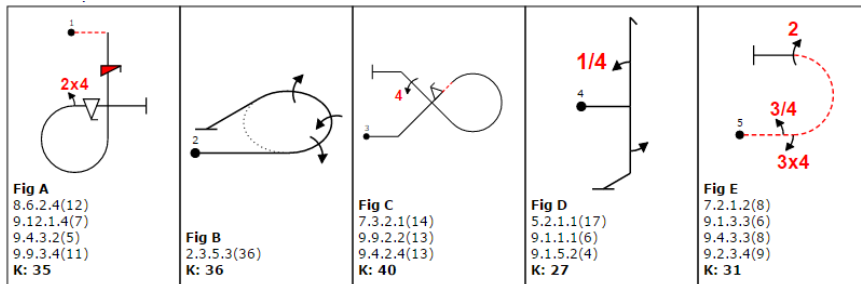
Intermediate power / Yak-52 category

Max total K allowed = 200



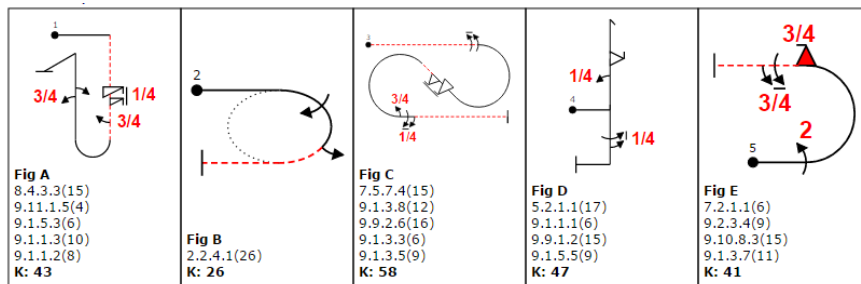
Advanced power category

Max total K allowed = 320



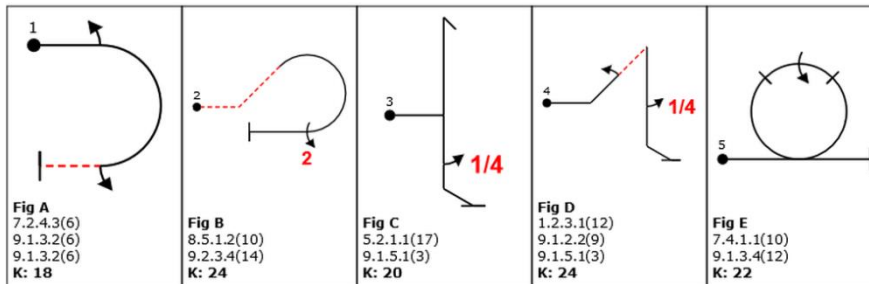
Unlimited power category

Max total K allowed = 450



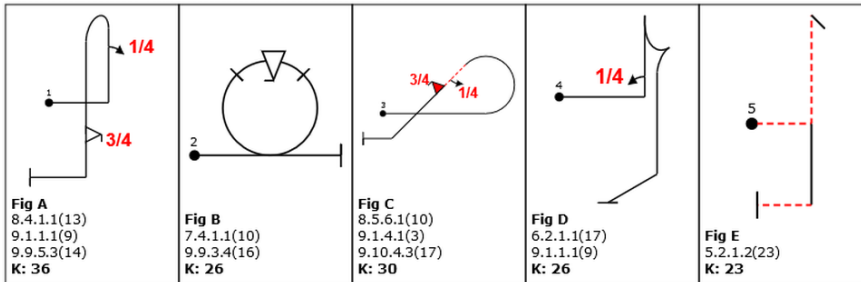
Advanced glider category

Max total K allowed = 175 §



Unlimited glider category

Max total K allowed = 230 §



§ - see CIVA 2017 Section 6 part 2 paragraph 2.1.2.5