

# **FAI INTERNATIONAL AEROBATICS COMMISSION (CIVA)**

## **SUMMARY OF CONCLUSIONS**

Meeting held Stockholm/Helsinki – 7-8-9 November 2003



### **1. Report from the President of CIVA**

#### **1.1 CIVA Sanction Fees Account**

CIVA AGREED At the time they submit their Preliminary Forms, participants in World and Continental Championships will be expected to pay a deposit. The amount of the deposit will be approved by the Bureau of CIVA. Cancellation of participation after a date determined by the organisers will cause the deposit to be forfeited.

#### **1.2 Trophies**

CIVA AGREED that the Bureau be authorised to consider the matter (cost of transport, display/storage of trophies) further considering the input provided by the Delegates.

#### **1.3 Aerobatic Catalogue**

CIVA AGREED that the Bureau of CIVA be authorised to continue its work with FAI in resolving the matter of the aerobatic catalogue and to lend its support to the execution of an agreement with Mr Jose L Aresti.

#### **1.4 Internal Regulations**

CIVA AGREED that the Bureau of CIVA be authorised to review the past Minutes of CIVA meetings and to bring the Internal Regulations up to date. Further, the Bureau would be empowered to bring the Internal Regulations in line with other Air Sports Commissions and to give final approval to the document so it can be implemented with immediate effect.

#### **1.5 Corps of Judges**

CIVA AGREED Judges who wish to serve at World and Continental Championships must send their entry forms directly to the President of CIVA. These forms will be reviewed by the Judging Sub-Committee and the Bureau of CIVA. Judge qualification and currency will be checked. "FAI Judges" who are to be paid the stipend will be selected by the Bureau from these applications. Organisers will be advised of the composition of the Board of Judges as soon as possible.

### **2. Reports on the 2003 World Aerobatic Championships**

#### **2.1 Contest Director's Report**

President Heuer will ensure Contest Organisers at future events are aware of Judges arrival time to ensure cost is fully covered.

CIVA AGREED the recommendation that future contests be limited to 60 competitors be referred to the Rules Sub-Committee

#### **2.2 Chief Judge's Report**

CIVA AGREED that we move ahead with the implementation of the JPI system in



2004.

3. **Report of the President of the International Jury, AWAC 2003**

CIVA AGREED to refer the proposal to review the penalties for Interruptions and Height Infringements to Rules Sub-Committee.

4. **CIVA Q/Known Compulsory Programs**

CIVA AGREED TO:

Unlimited – British proposal

Advanced – British proposal

Glider – GASC proposal

Refer Attachment #2

5. **Recommendations for Rules Changes for the Year 2004**

5.1 Treatment of Zero Marks (all Parts of CIVA Regulations)

CIVA AGREED that a formal distinction be made in the Regulations, and on Form A between marks of zero derived from aggregation of downgrades for multiple inaccuracies (soft zeros) and marks of zero given because of a single incorrect event (hard zero)

5.2 Limits on Figure K in Unknowns (Part 1 – Unlimited)

CIVA DID NOT AGREE

5.3 Added note to Appendix 3 (Part 1 – Unlimited)

CIVA AGREED On page 51, in the note before Family 1, add the following lines:  
"On vertical up lines, opposite aileron rolls may be added as long as the total extent of rotation does not exceed 540 degrees nor the number of stops exceeds 5. On vertical down lines, opposite aileron rolls may be added as long as the total extent of rotation does not exceed 450 degrees nor the number of stops exceeds 4."

5.4 Advanced Category in World Air Games

CIVA AGREED to delete all reference to WAG in Part 3.

5.5 Tailslides to be added to Advanced Category Unknown Figures

CIVA DID NOT AGREE

5.6 CIVA Regulations (Part 3 – Advanced), Appendix 6 Permitted Aircraft

CIVA AGREED Refer Attachment #1

5.7 Inclusion of results of Programme 4 in WAC and EAC be indefinitely delayed

CIVA AGREED

5.8 Judge JPF's

CIVA AGREED that the JPF/JPI's will be available to each team after each flight programme has been completed.



- 5.9 CIVA Regulations (Parts 1 and 3) 1.4.2.2.(c)  
CIVA AGREED that paragraph (c) would now read “The decision with regard to the into-wind direction of flight shall take into account the predominant direction of the actual winds. Flying at the start of each day and each flight programme shall commence into the most prevailing wind.”
- 5.10 CIVA Regulations (Parts 1 and 3), 1.4.2.5  
CIVA AGREED that Paragraph (a) would be changed as follows: "If for the first four programmes the horizontal visibility deteriorates to less than 5 km, or if the cloud height in the performance zone is lower than the prescribed height (1050 m or 800 m), or if precipitation becomes apparent, the competitor may discontinue his or her flight before the beginning of or during the programme." (delete " ... or after no more than 50% of the prescribed figures have been flown ...")
- 5.11 Dividing classic and final freestyle programmes to two championships  
CIVA AGREED that John Gaillard would establish a working group and be empowered to appoint other members to the group to develop rules for submission to the Rules Sub-Committee.
- 5.12 Reduction of Positioning Grade to 40K when Line Judges are not used  
CIVA DID NOT AGREE
- 5.13 Remove all references to HHMD in Parts 1 and 3  
CIVA AGREED
- 5.14 Duties of the International Jury  
CIVA AGREED that the International Jury would publish all protests and decisions.
- 5.15 Duties of the International Jury or CIVA Liaison Officer  
CIVA AGREED that a CIVA representative would check availability and accuracy of medals and trophies at the beginning of the competition.
- 5.16 Medals for Team Trainers  
Russian Delegate to refer proposal to FAI
- 5.17 Additional Rules Proposals for CIVA  
CIVA AGREED that Proposals for consideration by CIVA could be submitted up to 10 days after the completion of a World or Continental Championship. These proposals would address urgent problems that occurred at a Category 1 championship.
- 5.18 Publication of Rules & Judging Sub-Committee recommendations  
CIVA DID NOT AGREE to publish the reasoning for their acceptance, denial or modification.
- 5.19 Recipient Cups and Trophies  
CIVA AGREED that the proposal for the creation and manufacture of replicas be deferred to the Bureau of CIVA



- 5.20 Entry Requirement for WAG  
Proposal withdrawn by Russia
- 5.21 Time gaps between Unknown Programmes  
CIVA AGREED to add 1.2.5.2. Organisers shall ensure that a sufficient time interval occurs between unknown programmes such that no pilot is required to fly less than six hours after his previous flight.
- 5.22 Reduction of number of pilots in Programme 4 (Unlimited)  
Proposal withdrawn by South Africa
- 5.23 Number of Judges for International, Continental and World Championships (Power and glider)  
Proposal withdrawn by USA
- 5.24 CIVA Judges  
Proposal withdrawn by President of CIVA
- 5.25 Glider Rules  
CIVA AGREED to all proposals as submitted by GASC
6. **Future Aerobatic Championships – Reports and Proposals**
- 6.1 2004 AWAC – Ljungbyhed, Sweden  
CIVA AGREED      Entry Fee 1400 €  
Contest Director L-G Arvidsson
- 6.2 2004 EAC – Kaunas, Lithuania  
CIVA AGREED      Entry Fee 1600 €single; 1300 €double  
Bureau of CIVA to approve Contest Director and Chairman of the Technical Commission.
- 6.3 2004 EGAC - Moravska-Trebova, Czech Republic  
CIVA AGREED      Entry Fee 550 €(competitors); 250 €(team members)  
Bureau of CIVA to approve Contest Director and Chairman of the Technical Commission.
- 6.4 2005 WAC  
Submissions to be received from Lithuania and Spain.  
CIVA AGREED that the Bureau be empowered to make the decision in early 2004.
- 6.5 2005 AEAC  
CIVA AGREED that the Bureau is authorised to receive bids with information to be circulated to all Delegates.
7. **World Grand Prix**  
CIVA AGREED to affirm our support for the World Grand Prix and that the Bureau be empowered to set the Regulations which will be circulated to all Delegates and the Rules Sub-Committee.



8. **List of International Judges**  
Please refer to list on the FAI web site.

9. **Elections**

9.1 Officers:

President	Michael Heuer
First Vice President	John Gaillard
Second Vice President	Jiri Kobrle
Third Vice President	Osmo Jalovaara
Vice President Gliders	Karl Berger
Secretary	Liz Cook

9.2 Sub-Committees

Rules: Chairman: Jiri Kobrle; Members: Liz Cook, Alan Cassidy, Philippe Jean, Lars Frölander, Howard Stock

Judging: Chairman: John Gaillard; Members: Howard Stock, Robert Chomono, Helmut Stas, Osmo Jalovaara, Stephen Green

Catalogue: Chairman: Alan Cassidy; Members: Brian Howard, Madelyne Delcroix, Manfred Echter, Jerzy Makula, Carole Holyk

Glider: Chairman: Karl Berger; Members: Marti Kalko, Madelyne Delcroix, Manfred Echter, Helmut Stas, Ludwig Fuss, Carlo Marchetti, Bela Guraly, Jerzy Makula, Pekka Havbrandt, Premysel Vavra, Beatrice Gugelmann, Sergei Krikalev, Erik Houtman, Gregori Kaminsky

10. **Approval and Appointment of Officials**

10.1 European Aerobatic Championships – Lithuania

President, International Jury: Mike Heuer

Members, International Jury: Ernst Paukner, Jiri Kobrle, Robert Chomono, Lars Frölander; 1<sup>st</sup> Reserve: Helmut Stas

Chief Judge: Pavol Kavka

10.2 European Glider Aerobatic Championships – Czech Republic

President, International Jury – Karl Berger

Members, International Jury – Marti Kalko, Carlo Marchetti, Manfred Echter, Madelyne Delcroix; 1<sup>st</sup> Reserve: Elena Klimovich

Chief Judge – Helmut Stas

10.3 Advanced World Aerobatic Championships – Sweden

President, International Jury – Mike Heuer

Members, International Jury – Osmo Jalovaara, Alan Cassidy, Robert Chomono, Jiri



Kobrlle; 1<sup>st</sup> Reserve: Elena Klimovich  
Chief Judge – John Gaillard

**11. Any Other Business**

**11.1 New Competition Formats (Andre FUSDahl)**

CIVA AGREED that the Bureau appoint a new Strategic Planning Group to consider new ideas for a test format and how this would fit in with the WPGA.

**11.2 Budget 2004 (Liz Cook, VP-Finance)**

CIVA AGREED to the budget and balance sheet as submitted.

**11.3 The Aerobic Catalogue**

CIVA AGREED to the following resolution: "CIVA reaffirms its great respect for the work of Mr Jose Luis Aresti, and its recognition of the great voluntary contribution he has made to the promotion of the sport of aerobatics world-wide. CIVA fervently hopes that the Aresti system and catalogue will remain available as the basis for aerobic sport for many decades to come."

**12. Date and Place of Next Meeting**

CIVA AGREED 25-26 September 2004; Madrid, Spain

Submitted by Liz Cook  
Secretary of CIVA

A handwritten signature in black ink, appearing to read 'Liz Cook', is shown on a light background.

Approved by Michael R Heuer  
President of CIVA  
12 November 2003



**Attachment #1**  
**Proposal on Permitted AWAC Aircraft**

***A Consolidation of South African, British, French, USA, Hungarian, and Italian Proposals***

CIVA Regulations, Part 3, Appendix 6, to be amended as follows:

**EXCLUDED AIRCRAFT**

All aircraft of more than 260 hp, unless included in one of the approved categories listed below.

**APPROVED AIRCRAFT**

- 1) All biplanes with standard engine
- 2) All two- seat aircraft with standard engine
- 3) With standard Lycoming engine:
  - a. Zlin 50L, 50LA, 50LS, and 50LX
  - b. CAP- 231
  - c. CAP- 21DS I- SIVM
- 4) With standard M- 14P engine:
  - a. Yak 54, 55
  - b. Technoavia SP- 55
  - c. SP- 91/ 95, I- 3

A “standard” engine is defined as:

- A Lycoming engine not exceeding 300hp
- A Vendeneyev M- 14P engine not exceeding 360hp

In the case of experimental or homebuilt aircraft, or modified series production aircraft with 6- cylinder Lycoming engines, the pilot must produce a current year bench test certificate from a reputable engine builder/ rebuilder confirming the maximum rated horsepower.

The Jury may require aircraft with supercharged engines to be ground- run at take- off power to confirm the maximum achievable manifold pressure.

Initial approval for a new type aircraft, not included in one of the approved categories, to compete in Advanced competitions may be sought by the CIVA delegate of the country concerned and granted by CIVA at its plenary meeting.

The organisers, or the President of the International Jury, may recommend to CIVA the exclusion of specific aircraft types, should it be deemed necessary.

***NOTE: The proposed changes to AWAC eligible aircraft would not be effective prior to 1 January 2005.***



## Attachment #2 - Known/Q Programmes



2004

FORM B

### Advanced Programme Q

wind/vent

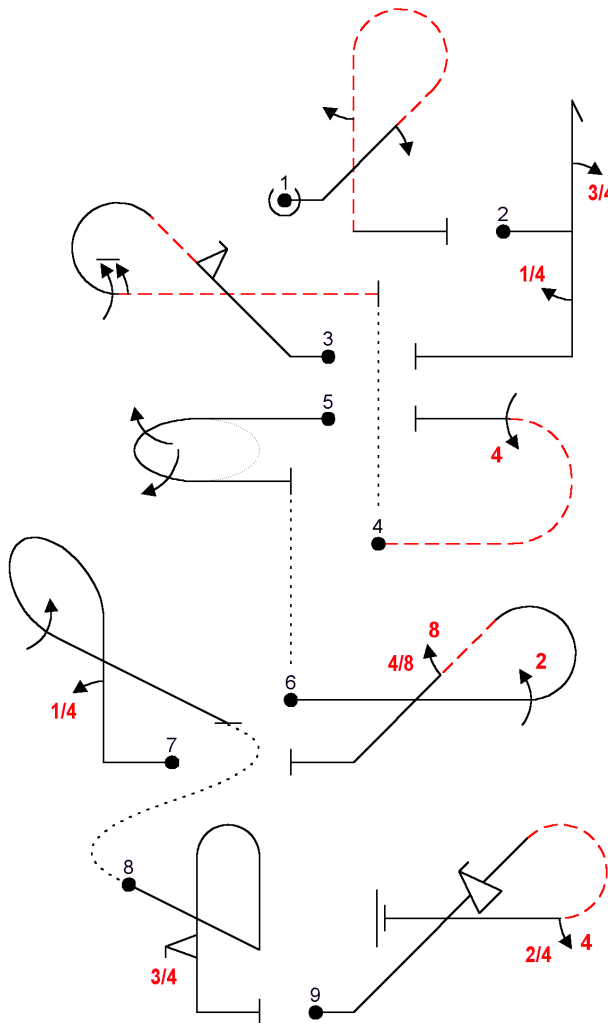


Fig 1	8.59.1 9.1.2.2 9.1.5.2	17 6 4	27
Fig 2	5.1.1 9.1.1.3 9.1.5.1	17 10 2	29
Fig 3	8.38.1 9.9.2.2 9.1.3.6	10 13 10	33
Fig 4	7.1.2 9.4.3.4	8 11	19
Fig 5	2.6.3	15	15
Fig 6	8.42.1 9.2.3.4 9.8.4.2	10 9 7	26
Fig 7	8.33.1 9.1.1.1 9.1.3.4	11 6 8	25
Fig 8	8.1.1 9.9.5.3	13 11	24
Fig 9	8.37.1 9.9.2.4 9.4.3.2	12 13 5	30

Total K = 228





**Unlimited Programme Q**

wind/vent

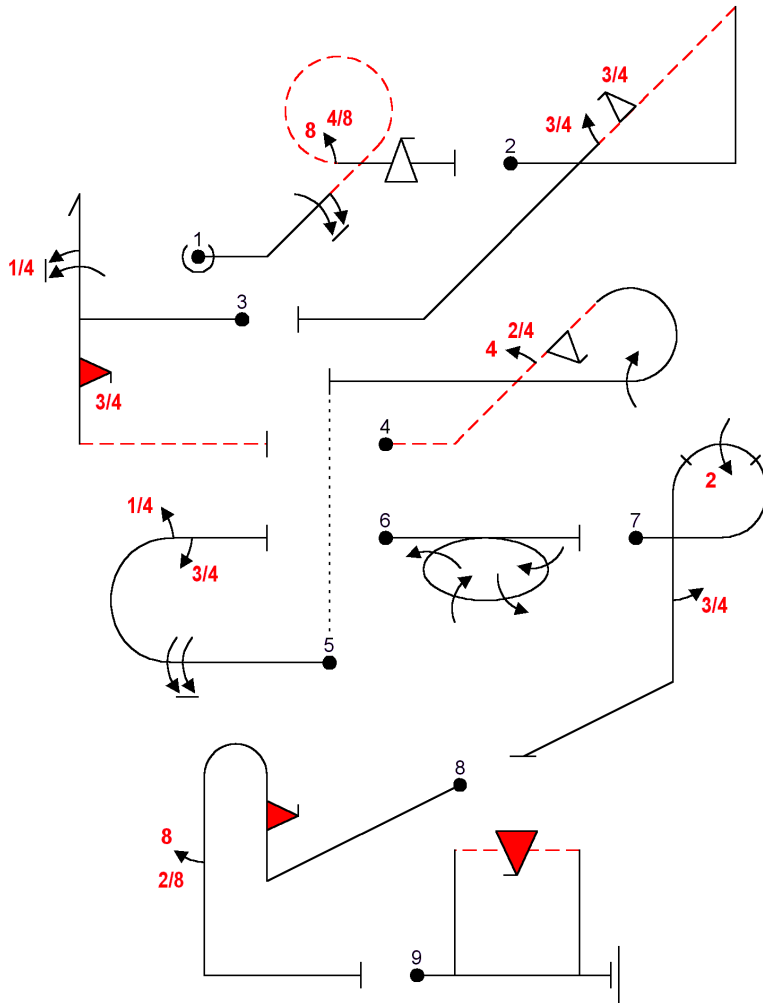


Fig 1	8.36.1 9.1.2.6 9.8.3.2 9.9.3.4	17 12 7 11	47
Fig 2	1.18.1 9.9.9.3 9.1.4.3	13 13 6	32
Fig 3	5.1.3 9.1.1.5 9.10.5.3	18 14 13	45
Fig 4	8.31.2 9.4.2.2 9.9.2.2 9.1.3.4	10 7 13 8	38
Fig 5	7.2.1 9.1.3.8 9.1.3.1 9.1.3.3	6 12 2 6	26
Fig 6	2.15.1	24	24
Fig 7	8.43.1 9.2.3.4 9.1.5.3	11 9 6	26
Fig 8	8.1.1 9.10.6.2 9.8.5.1	13 19 3	35
Fig 9	7.7.1 9.10.3.4	14 13	27
Total K = 300			

Cut here  
Pilot: \_\_\_\_\_  
A/C \_\_\_\_\_





**Unlimited Glider Known Compulsory**

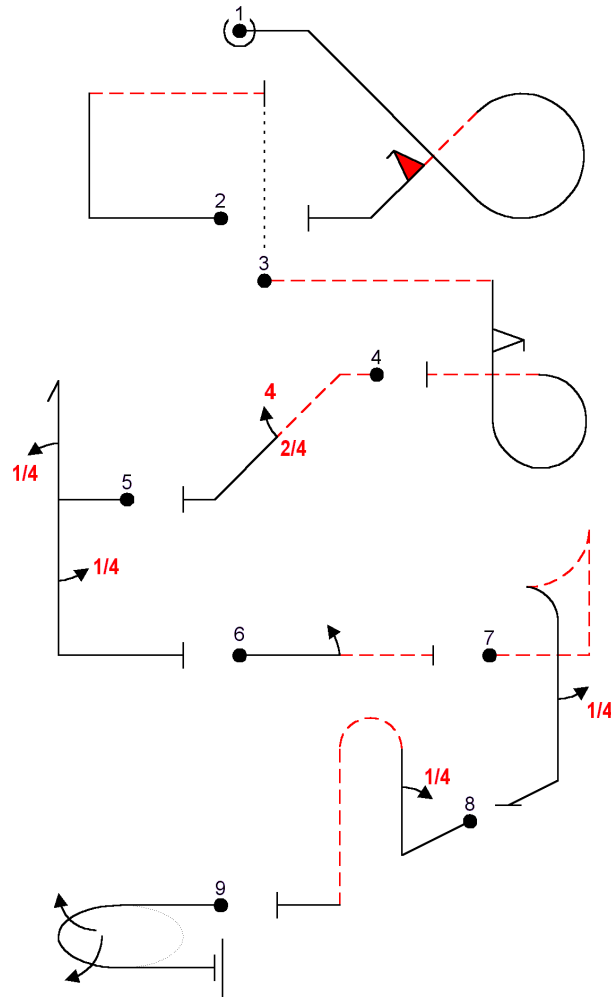
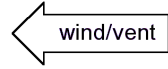


Fig 1	7.21.3 9.10.4.2	14 15	29
Fig 2	1.7.1	9	9
Fig 3	8.33.4 9.9.5.2	12 12	24
Fig 4	1.3.4 9.4.4.2	7 8	15
Fig 5	5.1.1 9.1.1.1 9.1.5.1	17 9 3	29
Fig 6	1.1.3 9.1.3.2	2 6	8
Fig 7	6.2.4 9.1.5.1	17 3	20
Fig 8	8.3.1 9.1.1.1	15 9	24
Fig 9	2.6.3	30	30
Total K = 188			

