



*Fédération
Aéronautique
Internationale*

Minutes

of the
Annual Meeting
of the
FAI Aerobatics Commission (CIVA)

held in Vilnius, Lithuania
on 27 and 28 October 2007
at the Reval Hotel Lietuva

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1. President's Introduction

CIVA President Michael Heuer opened the Plenary Meeting at 09.20 on Saturday, 27 October.

He welcomed the Delegates to Lithuania and thanked the Aero Club of Lithuania for hosting the meeting.

The Lithuanian National Aero Club was represented by Mr. Stasys Murza, President and Mr. Vytautas Galvonas, Member of Parliament.

The following proxies were tabled:

Turkey	to	Finland
Mexico	to	Spain
Ireland	to	Canada
Denmark	to	Norway
Georgia	to	Sweden
Portugal	to	France
Australia	to	South Africa

It was established that with 20 voting delegates/alternates present and 7 proxies, to achieve absolute majority, the vote must be at least 14.

2. Roll-Call

The President welcomed the President of FAI, Mr. Pierre Portmann, and the FAI Secretary General Max Bishop to the meeting and introduced the members of the Bureau of CIVA.

(In brackets are the abbreviations used throughout the minutes whenever referring to a specific person)

President :

- Michael HEUER	CIVA President	(MH)
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CIVA Bureau Members :

- John GAILLARD	1 st Vice President	(JG)
- Jiri KOBRLE	2 nd Vice President	(JK)
- Osmo JALOVAARA...	3 rd Vice President	(OJ)
- Jerzy MAKULA	Vice President, Gliders	(JM)
- Lars-Goran ARVIDSSON	Vice President, Finance	(LGA)
- Carole HOLYK	Secretary	(CH)
- James BLACK	President of Honour	(JB)
- Karl Berger	Vice President of Honour (Appointed during the Plenary)	(KB)

The President welcomed two new Delegates to CIVA, Mr. Ewald Roithner (Austria), and Mr. Paolo Zoppi (Italy).

3. Minutes of the Meeting held on 4-5 November, 2006

3.1. Approval of Minutes

There were no objections to the Minutes.

Decision: The Delegates approved the Minutes of the Meeting

4. Declaration of Conflicts of Interest

Alan Cassidy stated that he is Chairman of the Catalogue Sub-Committee and the producer of a commercial software product.

5. FAI Report

Max Bishop reported that a new provisional Technical Commission has been established to work on the Navigation and Airspace issues. The new ICAO language proficiency requirements were being challenged.

A Working Group to study definition of, and sharing of airspace with, Unmanned Aerial Vehicles has also been formed.

6. Report from the President of CIVA – (Agenda Item 4) – Michael R. Heuer

MH Read and highlighted some items from his report to CIVA:

6.1 Championships – Three were held in 2007:

- 24th World Aerobatic Championships; Granada, Spain
- 5th European Advanced Aerobatic Championships; Joensuu, Finland
- 12th World Glider Aerobatic Championships; Niederöblam, Austria

A total of 131 competitors flew in these Championships. This is down from 131 in 2006 but this is because of the large WAAC was held last year in Poland. With the possible addition of a YAK 52 World Championships in 2008, we will be seeing an expansion in our competitor ranks which is very encouraging and bodes well for our future.

6.2 FAI Diplomas, Pins, Logbooks for Judges

- MH requests that CIVA include an amount in its budget to pay for a small number of FAI Judge's pins each year to be presented at Championships in order to properly recognize particularly new Judges.
- CIVA create new FAI Diplomas for International Judges and asked CIVA to empower the Bureau to review and approve their creation and printing.
- To create a Judge's Logbook.

CIVA Agreed in its subsequent approval of the 2008 Budget.

6.3 Contest Organization Handbook (COH)

- Work still in progress, but is promised to be finished in 2008.

6.4 Naming Protocol for FAI Championships

- World Advanced Aerobatic Championships (WAAC)
- European Advanced Aerobatic Championships (EAAC)
- World YAK 52 Aerobatic Championships (WYAKAC)

6.5. FAI Sports Medals – Five Recipients

- Ludwig Fuss (Germany) – Active for many years in Glider Aerobatics, along with his wife Anni, (in Judging, Scoring and Organization). Mr. Fuss was not in attendance and the Alternate Delegate from Germany, Mr. Manfred Echter, accepted on his behalf.

- Steve Green (United Kingdom) – Alternate Delegate, instrumental in Judging and Scoring Programming, member FPS Development Group, active in the British

Aerobic Association and Team Manager of the British Aerobic Team. Mr. Green accepted his award.

- Brian Howard (USA) – Assistant to the Chief Judge at several World Championships, and member of CIVA sub committees (Catalog and Rules), and active in the USA in implementing/writing the National Rules and Regulations of Contests. Mr. Howard, has also judged and Chief Judged many US Contests. Mr. Howard was not in attendance, and the Alternate Delegate, Ms. Debby Rihn-Harvey, accepted on his behalf.

- Jurgen Leukefeld (Germany) – For many years of participation, along with Silvia Thole, in Contest Administration, Scoring, Contest Director and Team Manager of many German Aerobic Teams. Mr. Leukefeld was not in attendance, and the Alternate Delegate from Germany, Mr. Manfred Echter, accepted on his behalf.

- Pavol Kavka (Slovak Republic) – Delegate to CIVA for many years, volunteer, Chief Judge at several International Championships, and also Contest Director at many contests. Mr. Kavka accepted his award.

7. Report from the Vice President of Finance (Agenda Item 5) – L.G. Arvidsson

LGA explained the main items on the revised Financial Report.

- Have not included possible income from Special Events in 2008.
- Would ask CIVA to empower the Bureau to set guidelines for the use of these funds for financing or subsidizing the development of items needed for the conduct of Championships (e.g. GPS of other electronic equipment, stipends for Judges and Jury).
- Proposes CIVA accept the 2008 Budget.

Elena Klimovich stated that we could hire specialists to e.g. establish archives, obtain photographs/films of aerobic events. These would be used towards promoting CIVA for things like TV programmes.

Decisions:

- a) The 2007 Financial report was accepted
- b) The Bureau to set guidelines for use of possible incoming funds.

8. Reports on the 2007 World Aerobic Championships (Agenda Item 6)

8.1 President of the International Jury – Michael R. Heuer

- Max Bishop stated that when oral Complaints are accepted by the Contest Director during Championships, it is not necessary for them to be documented as are Protests (which must be in writing).

8.2 Contest Director – Antonio Quintana

- MH sent best wishes for a healthy recovery to Mr. Quintana who was not present to present his report and is at home recovering from health problems.
- The proposals listed in the report will be discussed in sub-committee for 2008.
- No further discussions.

8.3 Chief Judge – John Gaillard

- Jose Luis Olias, Alternate Delegate of Spain, rejected parts of the report, said it put into doubt the honour of the Contest Director. Could have problems getting sponsors for the future. JLO requested an apology from the Chief Judge to the volunteers, communication workers, and line judges.
- JG stated he apologizes in that he meant no disrespect but that if there are any problems encountered, at a contest, that it is necessary to report these so that they could be corrected for future championships.
- MH stated that the Championships were a long, hot, and difficult event. He thanked Spain for having organized three Championships in recent times – 2001, 2005 and 2007 (at the last minute when no one else came forward to hold the event). CIVA will not forget this, and recognizes the huge responsibility to hold a Championship.

Decisions: All reports were accepted by CIVA

9. Reports on the 2007 World Glider Aerobatic Championships (Agenda Item 7)

9.1 President of the International Jury – Michael R. Heuer

No discussion

9.2 Contest Director – Manfred Echter

- ME – From his report states, “A decision on the future use of height measuring devices in glider aerobatics is urgently needed”
- ME, JM, and Ewald Roithner are in favour of the Meierhofer device (MHMD), and feel CIVA should help in some way to finance the continuation of this device.
- Karl Berger feels that the Huber Height Measuring Device (HHMD) since being recently upgraded should be the equipment of choice.

9.3 Chief Judge – Helmut Stas

No discussion

Decisions: All reports were accepted by CIVA

10. Reports on the 2007 European Advanced Aerobatic Championships (Agenda Item 8)

10.1 President of the International Jury – L.G. Arvidsson

The Jury had no Protests, and solved any complaints as they were brought up.

10.2 Contest Director – Matti Peura

No discussion

10.3 Chief Judge – Graham Hill

GH emphasized the invaluable help of Jürgen Leukefeld and Silvia Thole with Scoring. No discussion

Decision: All reports were accepted by CIVA

11. 2009 World Air Games – Approval of Rules (Agenda Item 11.8)
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11.1 Programmes - Power

Programme 1

A Known Programme including 10 figures chosen from the complete catalogue, for a total of 500K. (Italian Proposal)

Programme 2

Time based free programme. Pilots will be allowed five minutes each and will fly a **Free Programme of unlimited total K.** (British Proposal)

Programme 3

A Classic 4 minute Freestyle Programme flown according to the current WAC regulations.

Programme 4 ('Crazy Day')

There were several discussions as to the content of WAG Programme 4. The Bureau was given direction to take into consideration all that was discussed and once CIVA receives it's allotted time for this programme, to co-ordinate a suitable programme.

Decision: CIVA Agreed

11.2 Programmes – Gliders

Programme 1

The Free Programme – Competitors are free to compose their programme without any limitations on number of figures, mandatory figures/families or maximum figure K.

- Minimum figure K = 230
- No repetition of catalogue numbers allowed without exceptions.

Programme 2

The Precision Programme – An Unknown Programme

- Maximum figure K = 200; Minimum 185
- The competitors select one figure each from the list of unknown figures in Sporting Code 6, Part 2 (chapter 9). Sporting Code procedures apply for selection of figures.
- The Jury/Chief Judge choose at least 6 figures from the figures selected by competitors to compose the programme and may add one starting and/or one closing figure to make a total of 8 figures.

Programme 3

The Artistic Programme

This is a freestyle programme with accompanying music and mandatory use of smoke. Main emphasis should be on optimum public appeal with no limits on pilot originality and creativity.

Programme 4

Repeat of Programme 3

Decision: CIVA AGREED to the Glider Aerobatics Sub-Committee proposal

11.3 Pilot Selection – Power

The pilots who will compete in WAG will be determined by NAC's.

All countries which participated in WAC 2007 will be permitted to enter one (1) pilot. The countries are France, Spain, Russia, USA, Great Britain, Czech Republic, and

Switzerland. Plus one pilot will be chosen from the host country of the WAG. In 2009, this will be Italy.

Those countries which provided full women's teams (Unlimited power only) will be permitted two pilots (1 male and 1 female). These are Russia and USA.

Decision: CIVA AGREED

11.4 Pilot Selection – Gliders

The pilots who will compete in WAG will be determined by NAC's. The exact text for pilot selection, to be composed by the **Bureau of CIVA** and the **Glider Sub-Committee**.

Based on the Team results of the WGAC 2007:

- Top 3 countries – Hungary, Germany, and Russia – two (2) pilots each.
- Of the two pilots selected by Russia, one will be a female.
- Fourth, fifth and sixth place – Poland, France, and Austria – one (1) pilot each.
- Host country – Italy – one (1) pilot.
- Reserve country – Czech Republic

Decision: CIVA AGREED

11.5 Officials – Power and Gliders

To be elected at the 2008 Plenary of CIVA

12. Special Events (Agenda Item 14.5)

12.1 Air Grand Prix (Agenda Item 14.5 a)

Rules and Regulations to be refined and approved by the **Bureau of CIVA**. The Bureau to also settle any conflicts of interest with FAI and the organisers.

Decision: CIVA AGREED

12.2 Al Ain International Aerobatic Championships – Al Ain, UAE (Agenda 14.5 b)

- Rules devised by Jurgis Kairys.
- \$100,000 in prize money
- Organizer will pay for aircraft shipment

Decision: CIVA AGREED to sanction this event and to approve the Rules and Regulations for the Event.

12.3 World Aerobatic Cup – Czech Republic – (Agenda Item 14.5 c)

- Two day event held on 6-8 June 2008
- Requesting to be put on the FAI Calendar for 2008
- Originally planned for test event

Decision: CIVA AGREED to give power to the Bureau of CIVA to finalize the deal with the Czech Republic and to settle specific details in the organizer's agreement.

- MB states that we must formulate a coherent policy about semi-commercial events conducted under a range of similar titles. This plethora of competing events could be confusing to someone trying to market our events.

- MB presented a “Six Hats Analysis”, with several observations:
 - a) CIVA needs to realize that it has many “hats” to wear, and should recognize, that decision making could be perceived as being driven by the ambition to earn money.
 - b) There is no formula for calculating sanction fees.
 - c) There is substantial potential (real or perceived) for conflicts of interest.
 - d) CIVA is basing its current policy on trust in the delegates who are organizing/developing the various “Special Events”, and that they will act in our best interests.
 - e) All ideas for the promotion of FAI/CIVA may have validity, and should be carefully considered, but each idea should not be considered in isolation, but in the context of an overall policy for the development of aerobatics.

13. Recommendations for Rules Changes for the Year 2008 (Agenda Item 9)
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13.1 Report of the CIVA Rules and Judging Sub-Committees (Agenda Items 9.1 and 9.5)

France Proposal #3

France proposed that for World and Continental Championships (Unlimited) the following changes for a “mixed gender” team be adopted. (Rules affected: 4.5.1.1.g, 4.5.1.2.c, 1.2.4.1.a.iii, 1.3.1.3.g)

“Women’s World Champion Team: Will be that women’s team with the highest total number of points in Programmes 1,2 and 3 (or relevant programmes consistent with rule 1.3.1.1.b), taking into account the three highest individual scores in that team (or two if rule 1.2.4.1.a.iii is into force). In the event that fewer than 3 teams comprised of 2 or more female pilots compete, the Team awards will be given regardless of gender, i.e. taking into account the total number of points of the three highest individual scores of the mixed teams.”

Discussion:

- E. Klimovich - Would this be instead of the Male Team Trophy? And if so, which Trophy is presented?
- R. Chomono – Instead of.
- P. Zoppi – Already a Trophy proposed by Italy, but not yet approved by CIVA.
- See Russian proposal #6 2006 Minutes re: Franco Battistoni Trophy
- MH – Another suggestion would be to award the Nesterov Trophy at WAC.

Decision: CIVA AGREES to the French proposal and the awarding of the Nesterov Trophy

Russian Proposal #1

Make the maximum figure number for free programme in Unlimited 8, with total ‘K’ 420 for the next year (2008).

Rationale: Because pilots are flying the same sequence each year.

Vote: For 10, Against 15, Abstain 2

Decision: CIVA did not adopt the proposal.

Russian Proposal #2

Remove requirement to include spin in Unlimited Free programme.

Votes:

First - For 13, Against 10, Abstain 4

Second - For 13, Against 10, Abstain 4

Decision: Proposal Failed

Russian Proposal #6

In the FPS, there should be a clarification of the priorities in determination of Super-Families.

The Sub-Committees had agreed in their report that clarifying language should be added to the tables on pages 69-70 of Sporting Code.

Decision: CIVA AGREED

Russian Proposal #7

The Aerobic Box must be clearly marked according to 4.7. The markers must be visible from any working height.

The marking must be done prior to the beginning of the competitions (start of Programme Q) and aerial pictures of the aerobic box made along both axes must be distributed among the Jury members and Team representatives so everybody can check the correctness of the box geometry and familiarize with the references.

Judges' positions have to be shown on the pictures.

Decision: CIVA AGREED

Russian Proposal #8

Remove: 5.1.1.3.

"Where the majority decision of the Panel of Judges is required.... the Judge of the same country as the competitor shall abstain from voting.....the Chief Judge shall have a casting vote."

Discussion:

- M. Echter disagreed, saying this system has worked well for many years.

Vote: For 17, Against 7, Abstain 3

Note: This does not remove the Chief Judge's authority to break a tie.

Decision: CIVA AGREED

Russian Proposal #9

Set the weather limit for the Freestyle Programme (Programme 4), the same as for flights with an interruption (reduced ceiling and visibility).

Decision: CIVA AGREED

Russian Proposal #10 – Withdrawn

Russian Proposal #12

Make the Second Unknown a Free Unknown.

- Figures for both Unknowns are to be submitted at the same briefing after Programme 'Q' has been completed.
- Every pilot has a right to create his/her own sequence using minimum 1, maximum 4 additional figures to aid in the composition.
- The International Jury makes the sequence to be used by default using minimum 1, maximum 4 additional figures to aid in the composition.
- Independently on this additional figures 'K' numbers their total 'K' factor is designated as 24 equally distributed among them (for example if the number of additional figures is 3, each of them will have a 'K' of 8).
- Pilots have to submit their sequences for checking to the organizer not less than 48 hours prior to the scheduled for this Programme time. By that time the Jury's sequence has to be published. Pilots who fail to submit their versions of the program will have to fly a sequence created by the Jury.
- In case an error is found in a sequence all corrections are to be finished not less than 24 hours prior to the scheduled for this Programme time. Otherwise a pilot who failed to complete all corrections by this time will have to fly the Jury's sequence.

Discussion:

- Those against (several) cited increased work for organizers and more paperwork.

Vote: For 7, Against 18, Abstain 2

Decision: CIVA did not adopt the proposal

Russian Proposal #13

Change the Criteria for all partial, horizontal and Combination 8"s (Families 7.19 – 7.38):

- The entry and exit radii do not have to be identical to the $\frac{3}{4}$ loop radii in these figures.

Decision: CIVA AGREED

Russian Proposal #14

Change the wording in 1.2.4. regarding Team Composition to modify limits.

1.2.4.1. World Championships

a) "U"

c) The team of each national aero club may include the following officials: 1 chief delegate, 1 team manager, 1 chief trainer, trainers, doctors, interpreters, and mechanics etc.

1.2.4.2. Continental Championships and International Competitions

The composition of teams and the number of members of a team will be fixed by the organizing aero club.

a) "U"

For Continental Championships, the number of competitors of each national aero club should be no more than ten (10), of which not more than six (6) may be of the same gender.

b) "A" and "Y52"

For Continental Championships, the number of competitors of each national aero club should be no more than eight (8).

Decision: CIVA AGREED

USA Proposal #2

The USA proposes to amend Section 9, "List of Figures for Programmes 2 and 3," 2007 FAI Sporting Code, Section 6, as follows:

9.10.: Family 7.1. to 7.10:

Add note: Unlimited. Eight – point rolls (9.8.3.4.) are not permitted on 7.5.3. or 7.5.4.

Vote: For 23, Against 3, Abstain 1

Decision: CIVA AGREED

USA Proposal #3

Changes to List of Unlimited Unknown Figures:

9.15. Family 8.31 to 8.40

Add note:

Unlimited. Flick rolls are not permitted on the top of figures in columns 1 and 2 of figures 8.33, 8.39, or 8.40 when preceded by a vertical roll exceeding 3 stops or more than 360 degrees of rotation.

Vote: For 23, Against 2, Abstain 2

Decision: CIVA AGREED

USA Proposal #6

Clarification to Free Programme Versatility:

Amend the table in Paragraph 4.3.3.6. of the 2007 FAI Sporting Code, Section 6.

Change the first column of the last row to read:

"Opposite Family 9.1 – 9.10 Rolls"

Decision: CIVA AGREED

13.2 Urgent Proposals carried forward to Sub-Committee, from 2005 & 2006

Chief Judge – WAC 2005 (John Gaillard)

Recommendation:

That the current positioning score based on the current criteria be scrapped and replaced by two separate scores as follows:-

- (a) Positioning – To be determined on an objective basis
- (b) Presentation – To be determined by the appropriate criteria as currently in the regulations.

POSITIONING (by Judges)

That for the purpose of determining a positioning score the performance zone be divide into nine individual zones, far left, far centre, far right, centre left, centre-centre, centre right, near left, near centre, near right. As each figure is flown the judge would indicate to the assistant which zone the figure had been flown in or centred on as appropriate, this information being marked on a sheet provided. At the end of each flight , a quick calculation would take place whereby opposite notations in each of the nine zones be cancelled out e.g. three left centres would cancel out three right centres and a left far would cancel out a near right. The resulting remaining notations would give an indicated position of each unbalanced figure. For those not in the centre-centre zone the resulting figures should be considered as a percentage of the total figures in the sequence, e.g. if three figures remained un-cancelled outside of the centre-centre zone and the sequence had contained twelve figures, 25% were misplaced resulting in a positioning score of 7.5.

In addition to the above when no line judges are being used, those figures flown clearly outside the box would be marked on the working sheet accordingly and taken for the purposes of the previously set out calculation to the nearest zone closest to the edge of the box where the box out had occurred. An additional one point per box out or figure started out would then be deducted from the previous figure, i.e. if one box out had been noted in the previous example the score would now revert to 6.5.

The K factor for this positioning exercise would be 40K with or 50K without line judges, when line judges are utilised the additional calculation for box outs would be omitted,

Should an electronic system be available, the judges would not give any scores for positioning.

PRESENTATION

All the current criteria for the optimal placement of figures and sequence symmetry would be used to establish a score for presentation worth 20K.

Discussion:

- M. Vecko, E. Klimovich, B. Guraly, - Too complicated, would need another person just to mark Positioning.
- Could distract judges from scoring figures.

Vote: For 2, Against 19, Abstain 6

Decision: Proposal not adopted by CIVA

Swedish Proposal #1

Inspection on site 3 months before by the CIVA's contest organization to guide the organizer to optimise the contest.

Discussion:

- Many previous organizers agreed that it was a great help when a CIVA specialist was in contact/did an on site inspection.
- Length of time suggested, varied, from 2 months, to all year long before the start of a Championship.
- MH stated that a rule is not required for this, and that CIVA will continue to handle this procedure informally, and that it will be included in the Contest Organization Hand Book.

Decision: Sweden withdrew the proposal with the provision it would be mentioned in the COH.

Swedish Proposal #2

Judges debriefing after analysis of competition result.

Discussion:

- LG stated that this debriefing should be done on the contest site, while still fresh in one's memory.
- A. Cassidy stated this should be added to 7.4. of CIVA regulations.

Decision: CIVA AGREED to the inclusion of the proposal to CIVA regulation, 7.4.

13.3 Report of the CIVA Glider Aerobatics Sub-Committee (Agenda Item 9.2)

- Change of K Factors for Harmony and Positioning - Paragraph 4.3.5
- Pilot Qualification for World Championships – Delete 1.2.4.1.g
- Permit mounting of video cameras during competition flights.

Tailslides:

The value of the turn around in a tailslide (Aresti System – power, Part II, Method of Evaluation, Page 17, Family 6) should be increased to the corresponding values for stall turns (Page 17, Family 5).

With this change, the K- factors for tailslides in glider aerobatics will become the same as the K- factors of the corresponding stall turns.

Discussion:

- M. Echter asked whether this change in the method of evaluation of tailslides also apply to power.

Decision: Method of evaluation of Tailslides (Power) referred to Catalogue Sub-Committee.

CIVA AGREED to the Glider Aerobatics Sub-Committee Report and Recommendations

13.4 Urgent Proposals from Championships (Agenda Item 9.4)

Russian Proposal #5

9.21.1.1. Advanced category List of Unknown Figures add;

a) No negative recovery after 9.9.5.3.

Rationale: The same as 9.17.1.1. Advanced: b) No negative recovery after 9.1.5.3.

Discussion:

- A. Cassidy questioned why 9.9.5.2. is not also added.
- E. Klimovich stated negative recovery after 9.9.5.2. is safe.

Decision: None was taken. The rule stands as is.

13.5 Report of the CIVA Catalogue Sub-Committee (Agenda Item 9.3)

Changes to increase the Difficulty Coefficients of Rolling Turns in the Aresti System (Condensed) are needed to define the relative difficulty of figures in a logical and consistent way.

Discussion:

- E. Klimovich, O. Jalovaara, J.G. – Need to approve change, it's logical, analysis done of judging proves this.
- J. Kobrle - not necessary
- D. Rihn-Harvey – K-factor increase is too much

Vote: For 17, Against 5, Abstain 5

Decision: CIVA AGREED to the Catalogue Sub-Committee's Proposal.

13.6 Report of the CIVA Judging Sub-Committee (Agenda Item 9.5)

Proposals for selection of Judges at Future Championships - Power and Glider

- Judges performance database of RI (JPD) to be stored for each CIVA contest, for a period of five years. Excluding 'Q' and Programme Four.
- Judges will be listed in order of their average performance.
- The Data Base to be published on the CIVA website.
- Two type of judges selected for each contest:
 - a) CIVA Judges- selected from the JPD in rank order - entry fees paid by organizers, (stipend –when available will apply to both the judge and their qualified assistant.)

Note: For the time being only one Judge per NAC will be selected, the choice to be ratified by the Bureau.

- b) Judges nominated by their aero clubs or by individual application, providing they have a suitable experience in judging aerobatics at the appropriate level, this could also include those judges with JPD ratings but not selected as per a) above. These judges will require having entry fees paid and will not be eligible for stipends.
- It is essential that the data entering into the scoring system be as accurate and consistent as possible, currently there are two issues relating to zeroes which require attention, namely:
 - a) Where there is a mixture of Soft and Hard Zeroes for the same error.
 - b) Where a score of Hard Zero is given for a figure flown behind the judges.

Therefore the recommended change in wording to Regulation 5.3.4. Mix of Zeros is as follows:

5.3.4.1. The Fair Play System software programme will handle a mix of Hard Zeroes, Soft Zeroes or "A" grades in accordance with paragraph 5.3.4.2. In order for this to function correctly, the Chief Judge, if necessary as described in paragraph 5.3.3.3. must fill the Confirmed hard Zero (CHZ) field in the judging sheets if a Hard Zero was

in fact flown, if review shows the figure to have been correct, the “CHZ” box must be left open.

If however during this process the Chief Judge establishes that there is a mix of Hard and Soft Zeroes for the same error, i.e. it is only the extent of the error above 45 degrees that cannot be established and these Hard or Soft Zeroes are in the majority for this error, the Chief Judge shall instruct those judges with the Soft Zeroes to change their score sheets to Hard Zeroes and sign the sheets accordingly, the Chief Judge will then fill the (CHZ) field.

Where there is a mixture of Hard and Soft Zeroes for a figure started behind the Judges (5.3.3.1.) the Chief Judge shall determine by simple majority (with the Chief Judge casting a vote as required) if a Hard Zero is applicable, those judges in a minority having given a score shall then bring this score to Hard Zero and sign their sheet accordingly. Judges shall be instructed to grade figures regardless of whether they believe the figure started behind them, these scores will then be used if they prove to be in the minority, when the Chief Judge calls for a vote on this issue.

Vote: For 20, Against 0, Abstain 7

Decision: CIVA AGREED to the Sub-Committee’s Proposal

14 CIVA Known Compulsory Programmes for the Year 2008 (Agenda Item 10)

MH thanked the ‘Q’ Programme Analysis Working Groups for their comments.

14.1 Advanced ‘Q’ Programme

Proposal	Vote
#1	2
#2	1
#3	2
#4	17

Decision: Proposal #4 from Great Britain adopted

14.2 Unlimited ‘Q’ Programme

Proposal	Vote
#1	14

Decision: Proposal #1 from Great Britain adopted

14.3 YAK 52 ‘Q’ Programme

Proposal	Vote
#1	3
#2	17

Decision: Proposal #2 from Great Britain adopted

14.4 Glider ‘Q’ Programme

As submitted by the Glider Sub-Committee

Note: Total K of all Programmes adjusted by the change to Family 2 K-factors.

15 Future Aerobatic Championships – Reports and Proposals (Agenda Item 11)

15.1 2008 World Advanced Aerobatic Championships – WAAC (Report from USA)

Proposal presented by Vicki Cruse

- Site – Pendleton Oregon – Elevation 456m
- Dates – 1-10 August 2008
- Contest Director – Robert Bismuth
- Entry Fees - \$USA 2600 (approx. 1824 Euros)

Discussions:

- Entry Fees are too high
- Non-North Americans have added expense of hiring Aircraft
- Could competition be shortened, thus reducing entry fees?

Vote: Entry Fee

For 16, Against 6, Abstain 5

Decision: CIVA AGREED to:

- Encourage the organizers to find ways of reducing Entry Fees.
- Empower the Bureau of CIVA to finalize a binding agreement with the organizers.

15.2 2008 European Aerobatic Championships (proposal from Czech Republic)

Proposal presented by Jiri Koblre:

- Site – Hradec Kralove – preliminary selected site (alternates are available if any obstacles are encountered)
- Dates – 6-13 July 2008
- Contest Director – TBA. During initial preparation – Jiri Koblre
- Entry Fee – approx. 960 euro (maximum 1000 euro) – does not include sanction fee for pilots.
- Entry Fee covers:
 - a) Shared accommodation in a double room (single room supplement TBA in Bulletin 1)
 - b) Three meals per day
 - c) Transportation between airfield and accommodation
 - d) Fuel and oil for competition flights
 - e) Official and social functions

Decision: CIVA agreed to the Proposal and empowered the Bureau of CIVA to finalize the Organizer's Agreement

15.3 2008 European Glider Aerobatic Championships (Proposal from Poland)

Proposal presented by Jerzy Makula:

- Site – Radom, Poland, elevation 145m
- Date – 7-17 August 7 2008
- Contest Director – TBA
-
- Entry Fees:
 - a) Competitors 550 euros
 - b) Other Team Members 200 euros
-
- Towing Fees:
 - a) up to 1250m QFE: 55 euros
 - b) up to 850m QFE: 40 euros

- c) training flights (1250m QFE) before official beginning: 50 euros

Accommodation, Meals:

- Arrangements to be organized by the individual participants.
- List of suitable Hotels (3 star), Guest Houses, and Camping will be made available on official web site.

Official Website: www.egac2008.com

- available from 15 January 2008
- Registration is to be made online using the official website
- Information, downloads and Bulletins will be available on the website

Decision: CIVA AGREED to the proposal

15.4 2008 YAK 52 World Aerobatic Championships (proposal from Russia)

Proposal presented by Elena Klimovich:

- Site – Novosibisk, Siberia, Russia, elevation not over 200m ASL
- Date – 17-24 August 2008 (with variation of 1 – 2 days)
- Contest Director – TBA
- Entry Fees – Competitors 1300 euros, Team/Observers 1100 euros: Includes
 - a) Double room
 - b) Breakfast, Lunch and Dinner
 - c) Transportation between airfield and accommodation sites
 - d) Official and social activities (Opening, Awards, Closing Ceremonies)
 - e) Other organization expenses
- About 10 YAK 52 aircraft available for hire

Discussions:

- JG stated that South Africa had originally established a Trophy for the WYAKAC when they had planned to organize the first contest. Would Russia accept this Trophy?
- E. Klimovich – Russia would accept

Decision: CIVA AGREED to the Russian proposal

15.5 2009 World Aerobatic Championships (Bids from UK, USA, and Germany)

Bid from the United Kingdom presented by Alan Cassidy

- Site – Silverstone premier sports venue with a long aviation heritage. More info at www.silverstone.co.uk
- Fire and Rescue on site
- Hospital on site
- Catering and Hospitality services
- Dates – 18-30 August 2009
- Contest Director – Steve Green
- Deputy CD – Alan Cassidy
- Weather - 50% chance of poor weather, therefore needing 10 days to complete the contest.
- Entry Fees – Maximum limit, pilots 2200 euros, team/observers 1900 euros, however (a) will raise support from sponsors in order to reduce entry fees (for pilots first) with goal is to reduce fees to zero, (b) In addition to have prize money, and (c) If can't guarantee reduced entry fee, will not proceed with organizing contest.

Discussion:

- JK – What is the “gentleman’s estimate” of the chances of the ‘zero’ fee, and prize money?

- AC – estimate 75% chance.

Bid from the USA presented by Debbie Rihn-Harvey

- Site – Grayson County Airport, Sherman/Denison, Texas
- Dates – June or July 2009 – will work to schedule around other events
- Contest Director – TBA
- Entry Fees – Goal to totally subsidize contest
- Practice sites – many areas available with possibility of Towns to sponsor individual Teams to practice in their area.

Bid from Germany submitted by Manfred Echter

- Site – TBA
- Entry Fees – TBA
- Contest Director – TBA

Vote:

United Kingdom	19
USA	6
Germany	1

Decision: CIVA awarded the 2009 WAC to the United Kingdom

15.6 2009 European Advanced Aerobatic Championships

Bid from Poland proposed by Jerzy Makula

- Site – Pozon
- Firm bid at the 2008 Plenary

15.7 2009 World Glider Aerobatic Championships

Bid from France proposed by Robert Chomono

- Site – Chambley Air Base, Lorraine, France
- Date – July 24 – August 2, 2009
- Contest Director – TBA
- Entry Fees – Pilots 550 euros, Tow 55 euros
- More details at the 2008 Plenary

Decision: CIVA Agreed

15.8 2009 World YAK 52 Aerobatics Championships

Bid from Lithuania

- Site - Rojunai, elevation 177 ft.
- Date – June 2009
- More details at the 2008 Plenary

Decision: CIVA agreed in principle to the proposal

15.9 2010 World Advanced Aerobatic Championships

France may submit for the WAAC

- Site - Toulouse
- Date – TBA

16 Reports on the World Grand Prix 2007 (Russia) and Proposals for 2008

16.1 Contest Director (Jean-Louis Monnet)

- CIVA accepted the report

Proposal to reduce the number of Jury Members and Judges.

Discussion:

- OJ does not want any reduction.

Decision: CIVA empowers the Bureau to decide on the number of Jury and Judges.

16.1a National FAI Grand Prix

It was proposed by JLM that a number of National Grand Prix events be held during the year and which could have a Grand Finale with select top pilots competing. The idea was well received by CIVA and needs additional discussion.

Decision: Referred to the Bureau for further action.

16.2 Chief Judge Report (John Gaillard)

CIVA accepted the report

16.3 President of the International Jury (Osmo Jalovaara)

OJ disagrees with any more reduction in the number of Jury and Judge members.

CIVA accepted the report

17 FAI Judge's Fund

Pierre Portmann thanked CIVA for all its work and for the support shown for the WAG. He also emphasized how important it was for the National Aero Clubs to lobby their aviation authorities to maintain airspace to fly in.

He stated that FAI realizes that there is a great need for more qualified Judges, and that funds are needed for developing programmes towards this end. FAI central funds will donate 10,000 US\$ exclusively for a Judges' Development Programme.

Decision: Bureau of CIVA and co-opted specialists to set-up programmes to utilize the funds for development of Judges.

18 List of International Judges (Agenda Item 13)

Refer to CIVA web site

19 Other Business (Agenda Item 14)

19.1 President's Proposals – Agenda Item 14.1 (Michael R. Heuer)

19.1a - MH asked that CIVA recognize Liz Cook (Australia) for her many years of dedication as Secretary of CIVA. Liz has also served as either a Judge or Jury member at numerous Championships. After these many years, Liz was unable to attend the Plenary this year.

Decision: CIVA showed its appreciation with a round of applause.

19.1b – MH proposed CIVA create a new honorary post: “Vice-President of Honour”

The first recipient of this title would Karl Berger. Karl had been Vice-President – Glider Aerobatics for 23 years before stepping down last year.

Decision: CIVA agreed to the President’s proposal

Karl thanked CIVA for the honour and for the many years of support that CIVA has given to Glider Aerobatics.

19.2 Contest Scoring Programme Report – Agenda Item 14.2 (Michel Dupont)

Discussion:

- E. Klimovich expressed gratitude to M.D. for all the work he has done.
- M. Echter proposes that the British software be available as an alternate or in addition to the ACMS.
- A.Cassidy – At present the software is designed more for National and Local level contests
- MH - this software is “brilliant” but is not ready as it stands today for CIVA level contests.

Decision: CIVA agreed to the Report and empowered the Bureau of CIVA to review the British software and give official approval for its use.

19.3 FPS Development Group Report – Agenda Item 14.3 (Alan Cassidy)

The amendment makes no change to the intention of the regulation, but clarifies the wording. This should mean that independent programmers implementing the requirements for grouping of data in Free Programmes might come to the same results.

Additionally, CIVA Regulation 1.2.3.3 allows for International Competitions with as few as 6 competing pilots. This leads to a requirement for specifying Group sizes when less than 11 pilots participate.

The following is the list of changes to CIVA Regulations – Chapter 8:

8.3.2.2.a) kkk is the K-factor, **with leading zeroes if necessary, e.g. “037” if K-factor = 37**, b) ff is the figure number, **with leading zeroes if necessary**, and c) pp is the pilot number, **with leading zeroes if necessary**.

8.3.3.4. Exceptionally, if the number of pilots is less than **11 (see 1.2.3.3)**, the data will be sorted in increasing value of the K-factor and divided into groups **as follows:**

Number of Pilots	2	3	4	5	6	7	8	9	10
Group Size	12	12	12	15	18	14	16	18	20

8.3.3.7. Free Programmes.

a) In the Positioning and Harmony Super-Families, the group size will equal the number of pilots, i.e. each will contain the complete Super-Family. If the number of pilots (Np) whose flights have been judged is < 11, however, (see 1.2.3.3) then these Super-Families will be combined into a group containing them both.

b) In other Super-Families, comprising aerobatic figures, the data groups will be formed from within each Super-Family, unless Np is less than 11. The target number of rows for each group (NrmGrp) will be the number of pilots whose flights have been judged, while the minimum group size (MinGrp) will remain 11 rows. When Np < 11,

then NrmGrp will be as tabulated in 8.3.3.4, and a group may contain figures from more than one Super-Family. When a Super-Family contains more figures than the number of pilots, it may thus be split into two or more groups.

i) The boundary between adjacent groups within a single Super-Family will be made preferably at the change of K-factor nearest the target size within the range 'target row to target plus minimum rows', or if this is not successful nearest the target size but between the target row and the minimum group size. If no change of K-factor is available the group boundary will be set at the target row.

ii) For example, suppose that a Free Programme has 40 pilots and that Super-Family 07 contains 250 figures. This data will be divided into a number of groups, each of which will contain approximately 40 rows. The final group will contain at least 11 rows.

8.3.6. Treatment of Soft Zero Grades

8.3.6.1. Soft Zero grades are not subject to the same confirmation process as Hard Zeroes. They are generally treated as valid numerical grades in the same way as non-zero grades. However, Soft Zero grades should not influence the normalisation of non-zero grades that is described below.

8.5.1.3. Soft Zero (0.0) grades are excluded from this normalisation process because, for each judge, these form part of a second mode of distribution of raw grades. After the non-zero grades are normalised, the Soft Zero grades are set at 0.0 so that they are included in the process of determining Fitted Values and figure anomalies Hence:

8.5.2.1. Within the data group, a Fitted Value for a figure grade for a pilot is the grade that you would expect a particular judge to give a particular pilot/figure combination, based on an analysis of all the judges' grades for all the pilot/figure combinations in the group, including numerical zeroes (SZ) but excluding factual zeros (HZ). In the Fitted Value Formula:.....

8.5.5.1. If anomalies have.... must remain 0.0. Using only the remaining non-zero grades, new values must be determined for

8.7.1.5. c) Determines if any scores are more than 90.0% uncertain and replaces them with fitted values.

8.8.1.1. "Needs updating"

8.8.1.2. "Needs updating"

Decision: CIVA AGREED

19.4 CIVA Achievement Awards Programme – Agenda Item 14.4 (Matti Mecklin)

- For both Power and Glider
- National (3 Categories) – "One Star" or "A"
- "Two Star" or "B"
- "Three Star" or "C"
- International (2 Categories) – "Four Star" or "Silver" or "Advanced"
- "Five Star" or "Gold" or "Unlimited"

Discussion:

- M. Echter – Disagrees with the National awards, since most Nations have their own awards.

Decision: CIVA empowers the Bureau to finalize the details for the awards.

Note: Gliders to be included as well. National awards to be withdrawn.

19.5 CIVA Resolution – Agenda Item 14.6

CIVA notes with pleasure that several organizers wish to obtain FAI sanction for professional aerobatic events and series with prize money and significant financial backing. CIVA recognizes that there is scope for interference between these events and with World air games, in terms of clashes of dates, pilot availability and relative financial attractiveness of different events.

CIVA also recognizes the potential for confusion in the market-place.

CIVA will therefore work towards an overall strategy for managing these events, a basic feature of which will be agreement by organizers to sign a standard FAI Organizer Agreement.

20 Elections and Appointment of Officials
--

James Black advised that 27 ballots had been received.

20.1 Officers of CIVA

Position	Nominee	Votes
President	Michael R. Heuer (USA)	Elected unopposed
First Vice President	John Gaillard (RSA)	Elected unopposed
Second Vice President	Jiri Koblre (CZE)	14
	Elena Klimovich (RUS)	12
<u>J. Koblre elected Second Vice President</u>		
Third Vice President	Osmo Jalovaara (FIN)	Elected unopposed
Vice President, Gliders	Jerzy Makula (POL)	Elected unopposed
Secretary	Carole Holyk (CAN)	
Secretary	Madelyne Delcroix (FRA)	

Rules Sub-Committee Chair. Jiri Koblre (CZE) Elected unopposed

Rules Sub-Committee Members

Robert Chomono (RUS)	24
Liz Cook (AUS)	8
Alan Cassidy (GBR)	25
Anatoly Belov (RUS)	18
Brian Howard (USA)	12
Thore Thoresen (NOR)	15
Debby Rihn-Harvey (USA)	17

Those elected are – Chomono, Cassidy, Belov, Thoresen, Rihn-Harvey

Judging Sub-Committee Chair.

John Gaillard (RSA)	16
Greg Dungan (USA)	11

J. Gaillard elected as Judging Sub-Committee Chairman

Judging Sub-Committee Members

Robert Chomono (FRA) - withdrawn	22
Greg Dungan (USA)	9
Osmo Jalovaara (FIN)	20
Mikhail Mamistov (RUS)	19
LG Arvidsson (SWE)	17
Steve Green (GBR)	24

Those elected are – Dungan, Jalovaara, Mamistov, Arvidsson, Green

Catalogue Sub-Committee Chairman

Alan Cassidy (GBR) Elected unopposed

Catalogue Sub-Committee Members

Madelyne Delcroix (FRA)	23
Manfred Echter (GER)	23
Brian Howard (USA)	23
Anatoly Belov (RUS)	22
Jerzy Makula (POL)	21
Greg Dungan (USA)	7

Those elected are – Delcroix, Echter, Howard, Belov, Makula

Glider Aerobatics Sub-Committee Chairman

Jerzy Makula (POL) Vice President – Gliders

Glider Aerobatics Sub-Committee Members

Madelyne Delcroix (FRA)
Karl Berger (AUT)
Erik Houtman (NED)
Bela Guraly (HUN)
Matti Peura (FIN)
Manfred Echter (GER)
Dick Happs ((GBR)
Pekka Havbrandt (SWE)
Georgiy Kaminskiy (RUS)
Philippe Kuechler (SUI)
Carlo Marchetti (ITA)
Helmut Stas (POL)
Premysl Vavra (CZE)
Nikolai Nikitiuk (RUS)
Klein Gilhousen (USA)

In line with the agreement that a country many only have one representative on the Sub-Committee the member for Russia is Nikitiuk.

All other nominees received votes and are elected to the Glider Sub-Committee.

20.2 Working Groups

Contest Organisation Group:

Mike Heuer, Chairman (USA), John Gaillard (RSA), Jerzy Makula (POL), Jurgen Leukefeld (GER), LG Arvidsson (SWE), Graham Hill (GBR)

FPS Development Group:

Alan Cassidy, Chairman (GB), Steve Green, Mikhail Mamistov

Strategic Planning Group:

John Gaillard, Chairman (SA), Manfred Echter (GER), Dominique Roland (FRA), Osmo Jalovaara (FIN), LG Arvidsson (SWE), Liz Cook (AUS), Don Peterson (USA), Mikhail Mamistov (RUS).

Q Programme Analysis (Advanced)

Claude Bessiere (FRA), John Morrissey (USA), Gerard Bichet (FRA), Martin Vecko (CZE), Mikhail Mamistov (RUS), Anatoly Belov (RUS), Sami Kontio (FIN).

Q Programme Analysis (Unlimited)

Claude Bessiere (FRA), John Morrissey (USA), Matthieu Roulet (FRA), Stanislav Bajzik (CZE), Mikhail Mamistov (RUS), Anatoly Belov (RUS).

Q Programme Analysis (YAK 52)

TBA

Achievement Programme Working Group

Matti Mecklin Chairman (FIN), Alan Cassidy (GBR), Greg Dungan (USA), Madelyne Delcroix (FRA).

20.3 Appointment of Officials (International Jury and Chief Judges)

2008 World Advanced Aerobatic Championships – USA

Position	Nominee	Votes	1 st /2 nd
President, International Jury			
	Michael R. Heuer (USA)	14	
	LG Arvidsson (SWE)	12	
<u>Michael Heuer was elected President, International Jury</u>			
Members, International Jury	Robert Chomono (FRA)	14	
	Liz Cook (AUS)	0	
	Elena Klimovich (RUS)	6	
	Jiri Koblle (CZE)	10	
	Debby Rihn-Harvey (USA)	6	
	Carole Holyk (CAN)	6	
<u>Those elected to the Jury – Chomono, Koblle</u>			
Chief Judge	John Gaillard (RSA)	9/15	
	Greg Dungan (USA)	9/12	

John Gaillard was elected Chief Judge

2008 European Aerobatic Championships – Czech Republic

President, International Jury	Michael R. Heuer (USA)	Elected unopposed
Members, International Jury	Robert Chomono (FRA)	12

LG Arvidsson (SWE)	11
Jiri Kobrle (CZE)	6
Osmo Jalovaara (FIN)	10
Alan Cassidy (GBR)	6
Carole Holyk (CAN)	3

Those elected to the Jury – Chomono, Arvidsson, 1st Reserve Jalovaara

Chief Judge	Graham Hill (GBR)	15
	Pavol Kavka (SVK)	11

Graham Hill was elected Chief Judge

2008 European Glider Aerobatic Championships – Poland

President, International Jury	Michael R. Heuer (USA)	Elected unopposed
Members, International Jury	Madelyne Delcroix (FRA)	17
	Bela Guraly (HUN)	11
	Karl Berger (AUT)	8
	Jiri Kobrle (CZE)	4
	Helmut Stas (POL)	8

Those elected to the Jury – Delcroix, Guraly

Chief Judge	Steff Hau	4
	Peter Lambert	2
	Pavol Kavka (SVK)	17

Pavol Kavka was elected Chief Judge

2008 World YAK 52 World Aerobatic Championships – Russia

Officials TBA – Appointed by the Bureau of CIVA

21	Date and Place of Next Meeting
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MH announced that one of our colleagues had received the prestigious FAI Gold Medal. That was Victor Smolin of Russia. Victor was congratulated.

Decision: CIVA agreed the 2008 Plenary Meeting would be held in Salzburg, Austria

Dates – 25 & 26 October 2008

MH thanked Algimantas Zentelis and all the Lithuanian team for an excellent meeting.

The meeting was adjourned at 1240 hrs. on Sunday, October 28, 2007

Submitted by Carole J. Holyk
Secretary of CIVA
22 November 2007

Approved by Michael R. Heuer
President of CIVA
4 March 2008