

OFFICIAL MINUTES

FAI International Aerobatics Commission (CIVA) Meeting Held Madrid Spain 25-26 September 2004



IN THE CHAIR

President of CIVA.....	Michael R. Heuer
President of Honour	James Black
1st Vice President	John Gaillard (South Africa)
2nd Vice President.....	Jirí Koblre (Czech Republic)
3rd Vice President.....	Osmo Jalovaara (Finland)
Vice President, Finance	Lars-Göran Arvidsson (Sweden)
Vice President, Glider Aerobatics	Karl Berger (Austria)
Secretary	Liz Cook (Australia)
FAI.....	Max Bishop, Secretary General
Australia	Liz Cook, Delegate
Austria	Karl Berger, Delegate
Canada.....	Carole Holyk, Delegate
Czech Republic.....	Jirí Koblre, Delegate
.....	Dr. Martin Vecko, Alternate
Denmark.....	Poul E.B.Nielsen, Delegate
Finland.....	Osmo Jalovaara, Delegate
.....	Matti Mecklin, Alternate
.....	Petteri Tarma, Observer
France	Robert Chomono, Delegate
.....	Philippe Jean, Alternate
.....	Madelyne Delcroix, Technical Specialist
Germany.....	Ernst Paukner, Delegate
.....	Manfred Echter, Alternate
.....	Paula Paukner-Wagensohn, Observer
.....	Hans Vogtmann, Technical Specialist
Hungary.....	Peter Kovacs, Delegate
Italy	Maurizio Costa, Delegate
Lithuania.....	Algimantas Zentelis, Delegate
.....	Antanas Marciukaitis, Alternate
Poland	Jerzy Makula, Delegate
.....	Helmut Stas, Alternate
Russia	Elena Klimovich, Delegate
.....	Victor Smolin, Alternate
.....	Roland Küng, Observer
.....	Iakov Shrage, Observer
.....	Yuri Bozdachev, Observer
Slovak Republic	Pavol Kavka, Delegate
South Africa.....	John Gaillard, Delegate
Spain	Antonio Quintana Pereira, Delegate
.....	Ramon Alonso, Alternate
.....	Manuel Ugarte, Observer
Sweden	Lars-Göran Arvidsson, Delegate
Switzerland.....	Hanspeter Rohner, Delegate
.....	Béatrice Gugelmann, Alternate
United Kingdom.....	Alan C. Cassidy, Delegate
.....	Graham Hill, Observer
USA.....	Howard Stock, Alternate

OPENING REMARKS AND INTRODUCTIONS

President Michael Heuer opened the meeting at 09.15 on Saturday 25 September 2004.

President Heuer welcomed everyone to the 2004 CIVA Meeting and introduced FAI Secretary General Max Bishop, James Black, President of Honour, the Officers of CIVA and Mr. Antonio Quintana Pereira, President, Real Federación Aeronáutica Española.

President Heuer advised the Bureau of CIVA recommends the appointment of Lars-Göran Arvidsson to the position of Vice-President of Finance.

CIVA AGREED

President Heuer recommended the appointment of two Secretary of CIVA positions. Carole Holyk would be CIVA's second Secretary.

CIVA AGREED

Proxies tabled:

- Ireland to Finland
- New Zealand to USA
- Norway to Sweden
- Ukraine to Russia

President Heuer presented FAI Air Sports Medals to:

- Liz Cook
- Lars-Göran Arvidsson
- Michel Dupont
- Algimantas Zentelis

President Heuer stated Mr. James Black will perform the role of Elections Officer and the ballot forms are to be returned to Mr. Black before resumption of the meeting for the afternoon session on Saturday.

Mr. Max Bishop, Secretary General of FAI presented the Paul Tissandier Diploma to Mr. Roland Küng for the considerable assistance he has provided to FAI in resolving long standing difficult issues.

1. MINUTES OF THE LAST MEETING 7-9 November 2003

No matters arising. No objections. Minutes Approved.

CIVA AGREED

2. DECLARATION OF CONFLICTS OF INTEREST

President Heuer and Mr. Alan Cassidy extended their 2003 potential conflict of interest position.

3. FAI REPORT

FAI Secretary General, Max Bishop spoke on the following:

- 2005 WAG, which was to be held in Poland was cancelled. Cancellation was a result of FAI's inability to gather the required resources.
- New FAI Logo approved and published
- New Commission logos are in the process of development

- FAI General Conference will be held in Madrid on the 1st and 2nd October. New FAI President will be elected. Fourteen nominations have been received for the 6 FAI Executive Board positions.
- Olympic Committee - Parachuting has not been included as an Olympic sport. Recommended FAI Commissions concentrate on the World Games.

4. REPORT FROM THE PRESIDENT OF CIVA - Michael R. Heuer

Written report submitted. Report accepted. President Heuer discussed:

4.1 2004 Championships

- 3 successful championships were held in 2004

AWAC Glen Dell (South Africa) World Champion
 EAC Mikhail Mamistov (Russia) European Champion
 EGAC Jerzy Makula (Poland) European Champion

President Heuer congratulated Mr. Jerzy Makula and requested the Delegates of South Africa and Russia to extend CIVA's congratulations to Messrs. Dell and Mamistov.

- 160 pilots participated in the 2004 championships, an increase of 13 from 2003.
- 62 World and Continental Championships have been held since 1960. 20 World Grand Prix events have been organized.

4.2 Corps of Judges

System is working very well and current selection process will continue.

President Heuer recommended that the Bureau continue to be empowered to decide which FAI Judges will receive a stipend.

CIVA AGREED

President Heuer confirmed that CIVA does not select the judges for Continental Championships.

4.3 Judges Training Course

Judging Sub-Committee will submit proposals for the structure of a CIVA judges training course.

4.4 Aerobatic Catalogue

President Heuer advised the catalogue is still an issue and recommended the Bureau of CIVA be authorised to continue to work with FAI in resolving the matter and to lend its support to the execution of an agreement.

CIVA AGREED

4.5 CIVA Website

Thierry Montigneaux and FAI are very cooperative. The site has undergone operational improvements and eventually the results of all FAI Aerobatic Championships will be posted on the site. President Heuer access direct access to the site now to post news items.

President Heuer appealed to all members to donate photos and other championships material to the CIVA Archives so that our history can be preserved.

5. REPORTS ON THE 2004 ADVANCED WORLD AEROBATIC CHAMPIONSHIPS

- 5.1 President of the International Jury (Michael R Heuer).
Written report received. No discussion. Report accepted.
- 5.2 Contest Director (Lars-Göran Arvidsson)
Written report received. No discussion. Report accepted.
- 5.3 Chief Judge (John Gaillard)
Written report received.

Following discussion it was agreed that John Gaillard would amend his recommendations on hard/soft zeros and present a paper for consideration under Any Other Business.

6. REPORTS ON THE 2004 EUROPEAN GLIDER AEROBATIC CHAMPIONSHIPS

- 6.1 President of the International Jury (Karl Berger)
Written report received. No discussion. Report accepted.
- 6.2 Contest Director (Pavol Kavka)
Written report received. Report accepted.

Manfred Echter stated:

- Contest Director commented in his report on the HHMD and feeling ashamed for CIVA (software)
- HHMD was only tested one week before the championship – unacceptable
- Scoring system may have had problems because the organisers also used the same PC
- Concern that a damaged Windows file may have caused the optical reader to fail
- PC must be allocated for scoring system use only
- All data had to be manually entered on the final day

Pavol Kavka stated all equipment must be checked by CIVA Officials

Karl Berger advised:

- Prime Minister attended the championships
- Weather was a problem – ran out of time to fix the problems
- Acknowledged the work of Mady Delcroix, Ludwig Fuss and Manfred Echter

Mike Heuer stated:

- HHMD must be checked well in advance of the competition
- The basic contest network must be in place and checked before the competition. Michel Dupont has written the specifications.
- Proposed that CIVA provide an independent PC, which has the scoring program loaded and to be delivered to each competition site.

CIVA AGREED

- 6.3 Chief Judge (Helmut Stas)
Written report received. No discussion. Report accepted.

7. REPORTS ON THE 2003 ADVANCED EUROPEAN AEROBATIC CHAMPIONSHIPS

- 7.1 President of the International Jury (Jirí Koblíček)
Written report received. Report accepted.

Mr. Koblíček thanked the Organisers.

Elena Klimovich stated it is the responsibility of the International Jury to ensure all medals are presented. Medals for the individual Unknown programs were not presented. President Heuer to obtain details and advise.

7.2 Contest Director (Algimantas Zentelis)

Written report received. No discussion. Report accepted.

Mr. Zentelis thanked Jiri Koblle, Hans Vogtmann and Pavol Kavka.

President Heuer advised that Lithuania has donated a new trophy, the Challenge Trophy of S. Darius and S. Girenas, which was awarded to the Overall Male Team winner.

President Heuer recommended the trophy be officially included as a new FAI trophy, which will be presented at all European Aerobatic Championships to the Overall Male Team winner.

CIVA AGREED

7.3 Chief Judge (Pavol Kavka)

Written report received. No discussion Report accepted.

8. RECOMMENDATIONS FOR RULE CHANGES FOR THE YEAR 2005

(Refer to CIVA web site for copies of the full submissions)

8.1 Report of the CIVA Rules & Judging Sub-Committee

French Proposal #1 suggested that the number of competitors at Continental Championships be increased to the same as World Championships. The competitors would be limited to 10 pilots including no more than 6 of the same gender.

CIVA AGREED

French Proposal #2 pointed out an error in 1.4.2.5.(a) of CIVA Regulations, Part 3 (Advanced). It was proposed to correct this error in the next revision.

CIVA AGREED

French Proposal #3, 1.4.2.5 amended to: "A competitor may discontinue his or her sequence in level flight at the end of a figure if, in his or her opinion, the weather conditions do not comply with the competition rules ..."

CIVA AGREED

Amend 1.4.2.5.(c) to: "The marking for the repetition for a competitor will be continued from the figure after the break. Such decision will be taken by the Chief Judge on the basis of latest information on the deterioration of the weather conditions."

Vote: Favour of 19 Against 2

CIVA AGREED

French Proposal #4 pointed out another error in Part 3, paragraph 2.1.2.1. It was proposed to correct this error in the next revision.

CIVA AGREED

French Proposal #6 proposed the addition of all of the Eights of Family 7 to the Advanced Unknown list of figures. Sub-Committees recommended inclusion of Families 7.23 through 7.30 except those which are “double-negative” eights.

CIVA AGREED

Great Britain proposed the deletion of the table under 2.2 – Basis for Marking of Programmes Q,1, 2 , and 3.

CIVA AGREED

Great Britain proposed deletions/changes on page 14 of the Catalogue as a result of the elimination of cross-over spins. A new paragraph 25 and new figures 24 and 25 to be added.

CIVA AGREED

Italian Proposal #1 called for a return to a random drawing of lots for all competitors and for all Programmes. Sub-Committees did not support proposal.

Vote: To accept Sub-Committee recommendation 9
To reject Sub-Committee recommendation 14

CIVA AGREED

President Heuer asked Italy to re-submit a proposal in 2005 since it was obvious from the discussion that the “order of flight” rules are still an issue with some Delegates. No action was taken by CIVA at this meeting to change the rules.

Russian Proposal #1 asked for 1.4.2.5.(a), 1.4.2.5.(c) and 1.4.7.8 to be changed to avoid situations where pilots gain an advantage in altitude/energy or positioning by skipping figures or performing incorrect figures during the re-fly of a Programme that was aborted for weather. The proposal also inserts language in (a) which makes it clear that a repeat flight may be made of Programmes 2 and 3 (Unknowns in Unlimited but the same principle to apply to Advanced) if the Jury decides a re-fly is in order. In the case of skipped or wrong figures flown in the repeated Programme, these figures would be zeroed in the first scored sequence that was originally flown before the weather abort.

CIVA AGREED

Russian proposal #3 asked for the deletion of the 2 point penalty for 5 degrees of deviation on the vertical up line in the tailslide. The proposal had not been recommended by Sub-Committee but was put on the floor of the plenary due to the desire of CIVA to discuss the issue.

Vote: Favour of 1 point for 5 degrees on the vertical up line 19
Abstentions 5

CIVA AGREED

Russian proposal #4 to be discussed under Any Other Business.

South African Proposal #2 called for the addition of a Stall Turn as a “training figure” prior to the start of a programme. A hammerhead would allow a competitor to more accurately assess the wind and not compromise the safety requirements associated with these figures. Recommended for Unlimited and Advanced.

CIVA AGREED

A recommendation from AEAC 2003 Jury President Jiri Koblirle proposed a reduction in the interruption penalty points in Advanced from 150 to 100 points.

CIVA AGREED

Proposals Submitted after 2004 Championships for Safety Reasons:

Italy proposed a restriction on flick rolls on the down lines of certain family 8's. Martin Vecko had also been requested by the President to submit his recommendations. The resulting proposal was to exclude flick rolls from the vertical down lines of figures 8.43,8.44, 8.51 and 8.52 after a roll in the loop.

CIVA AGREED

France also submitted a safety proposal which was subsequently amended during plenary to:

- On vertical down lines, opposite aileron rolls may be added as long as the total extent of rotation does not exceed 360 degrees nor the number of stops exceeds 3.
- On vertical up 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.

CIVA AGREED

President Heuer asked for CIVA's approval for the Unknown Appendices for Parts 1 and 3. There were no objections to the amended appendices.

CIVA AGREED

Alan Cassidy stated that as a result CIVA would now have to remove 1.2.4.5. from Part 1 and 3. This removal would make it clear that no protests would be accepted by the International Jury over legal Unknown figures but only sequences. There were no objections to the proposal.

CIVA AGREED

8.2 Report of the CIVA Glider Aerobatics Sub-Committee
(Written report submitted and accepted)

Karl Berger advised the sad loss of world championship medal holder Charles Kalko of the USA. A minute's silence was held.

Karl Berger advised:

- The proposals were agreed by the majority of the Gliding Sub-Committee after careful consideration.
- HHMD equipment has been repaired and technically updated.

Recommended report and proposals be adopted.

CIVA AGREED

President Heuer asked for approval of amended Appendix 3 in Part 2.

CIVA AGREED

Manfred Echter advised that the Gliding Sub-Committee has not scrutinized Appendix 3 for safety/potentially unsafe combinations. Recommended 1.2.3.2 remain unchanged.

9. CIVA KNOWN COMPULSORY PROGRAMMES - 2005

Advanced Q

French proposal	Favour of 1
British proposal	Favour of 8
USA proposal	Favour of 15
Italian proposal	Favour of 1

USA proposal adopted.

Unlimited Q

French proposal	Favour of 2
British proposal	Favour of 3
Russian proposal	Favour of 17
USA proposal	Favour of 2

Russian proposal adopted.

Glider Known Programme - Recommended by Glider Sub-Committee

GASC proposal adopted.

Known/Q Programmes for 2005 attached to these Minutes.

10. FUTURE AEROBATIC CHAMPIONSHIPS - REPORTS AND PROPOSALS

10.1 2005 World Aerobatic Championships (Report from Spain)

Antonio Quintana advised:

- Dates of competition changed to 22 June – 2 July due to weather.
- Request that up to 12 pilots per country be approved with a maximum of 7 pilots of the same gender.
- Pilots to be based in new hotel.
- Proposed an Entry Fee of 1300 euros which takes into account the new hotel and is the same as EAC 2004.
- Meals will be international type and available at 20.00 each evening.
- Contest Director – Antonio Quintana.
- 100th year anniversary of Aero Club with air show to be held.

Alan Cassidy spoke against increasing the number of team members. If government support is not received it will be difficult for some countries to meet team numbers. Maurizio Costa supported Alan's comments.

Vote:	Favour of proposal of Spain to increase team number	10
	Against	13

The proposal of Spain was not accepted.

Report of Spain was accepted. Acceptance included approval of entry fee and Contest Director Antonio Quintana.

CIVA AGREED

The FAI Organiser Agreement was signed by FAI Secretary General Max Bishop, Spanish CIVA Delegate Antonio Quintana, and CIVA President Mike Heuer.

10.2 2005 World Glider Aerobatic Championships (Report from Russia)

Mr. Roland Küng advised:

- Dates 21-30 July 2005.
- Airfield Drakino in Serpuchov, Russia.
- Judges can be based on South and Eastern side of box. West is also possible.
- Entry fee 500 euros.
- Contest Director Pavol Kavka.
- Towing 50 euros – 800m, 35 euros – 200m.

The report of Russia was accepted.

CIVA AGREED

Mr. Iakov Shrage, General Secretary of the Gliding Federation of Russia signed the FAI Organiser Agreement with FAI Secretary General Max Bishop and CIVA President Mike Heuer.

A minute of silence was held for Oleg Pasechnik.

10.3 2005 European Advanced Aerobatic Championships (proposals invited)

Mr. Jiri Koblre advised:

- Czech Aero Club was not in a position to sign agreement at this meeting but would organize an AEAC if there were no other bidders forthcoming.
- Pilots require championships to maintain continuity.
- Site and entry fee not finalized. Entry fee maximum of 1200 euros.
- Championship would be held early July 2005.
- Requested one month time frame to prepare submission.
- Requested the Bureau of CIVA be empowered to approve the final arrangements.

CIVA AGREED

10.4 2006 European Aerobatic Championships (proposal from Switzerland)

Mr. Hanspeter Rohner conducted the presentation.

- Site: Grenchen, Switzerland
- Dates: 6–15 September 2006
- Runway 1000m in length
- Box south of runway
- Training camps have been held at the site
- 430m ASL
- Has excellent infrastructure, e.g. Customs
- No hangarage
- Hotels close to airfield
- Stable weather
- Co-ordinator Max Ungricht
- No training at site
- Swiss Aerobatic Association has 60 active pilots
- Additional information available at 2005 plenary

Proposal approved in principal.

CIVA AGREED to Switzerland organizing the 2006 EAC.

10.5 2006 European Glider Aerobatic Championships (Proposal from Poland)

Mr. Jerzy Makula advised:

- Site – Rybnik-Gotartowice, Poland
- Written report submitted

Proposal approved in principle.

CIVA AGREED to Poland organizing the 2006 EGAC.

10.6 2006 Advanced World Aerobatic Championships (proposals invited but none received)

10.7 2006 YAK 52 World Championships (proposal from South Africa)

Mr. John Gaillard advised:

- Site Hluhwe, Zululand – 200 km north of Durbin
- Airport is at sea level
- June 2006 with stable weather
- Nationals have been held at site
- Box with grass runway
- South Africa would provide the aircraft at a reasonable rate
- Approximately 20 aircraft would be available
- Regulations based on Advanced with max K figures scaled down
- Entry fee for contest only
- Package offered for accommodation with town tourism bureau organizing
- Teams would form part of competition

Proposal approved in principal.

CIVA AGREED to South Africa organizing the 2006 YAK 52 World Aerobatic Championships.

10.7 2007 Glider World Aerobatic Championships

Karl Berger advised Austria would submit a proposal next year. Maurizio Costa also advised Italy would submit a proposal.

11. **WORLD GRAND PRIX - John Gaillard First Vice President of CIVA**

Written report submitted.

John Gaillard advised:

- 2004 event cancelled partially due to the need for a suitable runway as requested by pilots.
- 2004 Al Ain was very successful and organisers were happy with the event.
- It was planned to hold formation jet aerobatics for the first time. One team did not turn up therefore only one team was judged.
- 2005 Al Ain will be held in January 24th to 28th.
- Jean-Louis Monnet has indicated he would like competition aerobatics for jets and formation teams to fall with the CIVA and FAI jurisdiction.
- Formation Team regulations not developed to the required level.
- There was a proposal that the final freestyle program at WAC's be linked to the WGPA. Jean-Louis does not support this idea, however he has offered prize money US \$5,000, 2,500 and 1,500 for the top 3 pilots in the Final Freestyle at Burgos.
- Positive development. May encourage pilots to practice more for this event.
- There is a possibility that a smaller event will be held in Lausanne in August.

Alan Cassidy advised:

- Member of International Jury at Al Ain.
- 8 pilots flew however only 3 exploited the minimum height.
- Jet Formation Team – regulations stated a flight time of between 11-13 minutes. Team flew for 30 minutes.
- Link between rules and teams not yet established.

John Gaillard called for a Sub-Committee to be established to develop regulations for jet and piston formation teams. The working group to consist of John Gaillard, Chairman; Jean-Louis Monnet; Graham Hill; and Greg Duncan.

CIVA AGREED

It was agreed that all participants must hold FAI Sporting Licenses.

12. LIST OF INTERNATIONAL JUDGES

Refer to updated list on CIVA web site.

On Line Scoring System Report (Agenda item 6.4) was presented at this time:

Martin Vecko gave a detailed presentation on the system that he has developed and was tested at the Czech National competition at Moravska Trebova.

- Data is collected on the judging line by use of PDA's
- Local network to PC of Chief Judge
- Server – calculation complete
- Recommend second assistant
- Tough job to marry two systems together

Martin stated there are three possible scenarios for the future of this new system:

1. Write report and take no further action
2. Develop in conjunction with ACMS
3. Develop as official CIVA program

Manfred Echter:

- Recommend marry with ACMS
- Hardware worked well
- Current equipment is 1980's technology. Successor to current hardware.
- Need to retain hard copy of score sheets

Alan Cassidy:

- Allows more rapid collection of data
- Establish team to develop system for 2007 implementation
- What resources are needed to achieve this?
- Retain printer files if necessary

Hanspeter Rohner:

- Do we need to retain written records
- System has future – not developed to full power

President Heuer recommended retention of paper scoresheets for discussion sessions at the Chief Judge's station. This system may take the Chief Judge out of the system. The President

further recommended that responsibility for the feasibility study be placed with the Contest Organisation Group.

CIVA AGREED

13. ANY OTHER BUSINESS

13.1 Budget 2005 (Liz Cook)

Written report submitted. Report accepted

- 2004 EGAC Sanction Fees \$3,675 received 17 September 2005.
- President Heuer did not submit invoice for office costs. Covered costs personally.
- Sanction fees not received for Al Ain event.
- Discussions still in progress with FAI on FWGPA sanction fees.
- Cannot sustain current stipend payments to Judges and Jury members if sanction fee income is not increased.

Alan Cassidy questioned as to whether the negotiations would overcome the current \$5,000 deficit. President Heuer stated he hoped that would be the position and that it would place CIVA in the black permanently.

13.2 President's Proposals (Michael R. Heuer)

Written report submitted

New Logo for CIVA

It was agreed that the preference of CIVA was to use the logo example which included the letters of our name. CIVA would prefer that its acronym not disappear from the new logo. Powered aerobatic aircraft on the logo to be changed to reflect an aerobatic flight mode. Glider wings to be shortened.

Max Bishop recommended that Plenary give the Bureau of CIVA authority to give final approval to the logo design.

CIVA AGREED

CIVA Internal Regulations

President Heuer advised the regulations would be modernized only with no changes in policies and issued in 2005. Bureau would be authorized to approve.

CIVA AGREED

CIVA Working Groups

Strategic Planning Group re-activated this year. Hans Vogtmann has been carrying the workload for the Contest Organization Group. There are projects to work on this year. The following working groups were proposed:

Strategic Planning Group

John Gaillard, Chairman

Manfred Echter

Dominique Roland

Osmo Jalovaara

LG Arvisson

Liz Cook

Don Petersen

Mikhail Mamistov

CIVA AGREED

Contest Organization Group

Hans Vogtmann, Chairman

Mike Heuer

John Gaillard

Karl Berger

Jürgen Leukefeld

LG Arvidsson

Max Ungricht

Stephen Green

CIVA AGREED

13.3 Strategic Planning Group Report (John Gaillard)

Written report submitted

- Considerable discussion within the group relative to the relationship between the FWGPA and the WAC Final Freestyle program. Discussion covered what the program should consist of and which pilots should participate. Conclusion not reached.
- There was a proposal at the last CIVA meeting to change the whole format of aerobatics. It was agreed to retain the current format.
- YAK 52 competition approved. We will look at other ideas that will extend aerobatics internationally.

13.4 Contest Scoring Program Report (Michel Dupont)

Written report submitted.

Elena Klimovich questioned whether the 99K restriction per figure was still within the software. Mady Delcroix to contact Michel Dupont and advise.

13.5 JPI Analysis (Alan Cassidy)

Written report submitted

Alan Cassidy gave a detailed presentation on the program.

- Good idea to continue to collect this data
- Previous system could not provide this analysis
- Recommended CIVA continue to use this system in 2005
- Recommended CIVA use this system in 2005/2006 for International Jury to analyze judges performance and to remove judges from the line if necessary
- This is also an analysis tool for training/re-training judges
- Concern if the overall summary only is used.
- We do not have a system to return this information to the judges
- Consistent scoring will give a good JPI

Elena Klimovich asked for a definition of 'below average'. Recommended that more data be collected before CIVA implements the system.

Pavol Kavka stated it is impossible for all judges to be average due to external influences, e.g. environment, changed assistant, end of day.

Alan Cassidy recommended:

- With minor changes the JPI system should be used at all contests in 2005.

CIVA AGREED

- The International Jury, in conjunction with the Chief Judge may exclude judges from further participation in the contest if their performance is consistently below average.

CIVA AGREED

Manfred Echter: JPF system was maintained for too long. Spoiled good judges. Should keep, develop and analyse this new system.

Hanspeter Rohner: CIVA should have a culture of training judges.

President Heuer: Year of testing the system has been concluded.

John Gaillard stated:

- Sees every raw score
- Every error on HZ's
- Judges that call for averages
- There is a logic behind the system
- Judges playing games do not get a good JPI
- The system ties up with what John sees on the judging line

Elena Klimovich asked for a definition of good/bad.

President Heuer: John Gaillard and Alan Cassidy both endorse the system. Feedback and education tools to be developed by the Judging Sub-Committee.

Maurizo Costa: Will this database be used to select judges in the future?

President Heuer: Yes, the Judging Sub-Committee and CIVA Bureau will consider the data.

13.6 Report of the AWAC Chief Judge - Recommended Changes to the CIVA Regulations (applicable to Parts 1 and 3)

Recommendations were approved with the following amendments (the page numbers below refer to the actual page numbers in the Chief Judge's AWAC Report):

Page 6

Part 1 and Part 3

Delete 2.4.7

Add changes to 2.4.8 b), 2.4.8.c) and 2.4.8.d) as follows: Amend 45° to 90°

Amend 2.4.8.g) "minority" to "majority"

Amend 2.4.9 second line delete "must" and insert "may"

2.4.10 delete "and soft zeros"

2.4.10.1 Add 'If there is an absolute majority for "HZ", then all other grades must be reduced to "HZ".

2.4.10.2 Replace current wording with "If there is a minority for "HZ" then these grades will be raised to the average score given for the figure."

2.4.10.3 Replace current wording with "In the event of an even split between scores and "HZ" grades, a conference as envisaged in 2.4.9 will be held, and if there is still no resolution the Chief Judge will cast a deciding vote."

2.4.10.4 Replace current wording with "A" grades will then be taken into account either coming to zero or to the average of the resulting scores.'

Add "Note: the scoring system software will normally carry out Actions 2.4.10.1, 2.4.10.2 and 2.4.10.4 following appropriate input on the score sheet at the Chief Judges workstation."

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Part 1 and Part 3, Appendix 4

Chief Judge

3. Replace current wording with "It is essential that the Chief Judge follows each competitive flight, with an emphasis on recording hard zeros, interruptions, insertions and height penalties. Such infringements and comments should be recorded, as an aide-memoir, on a score sheet, which should be retained for reference prior to the judges score sheets being submitted to the workstation. The official recording of penalties will be on the appropriate section of the score sheet reserved for the use of the Chief Judge and entered prior to submission to the scoring system."

7. Delete 'or height penalty...the flight ends' Replace with ", height penalty, interruption penalty or insertion penalty. This will be done by perusal of the score sheets collected from the judges, prior to entry into the scoring system."

8. Delete "or height...in real time" Replace with "insertion penalty or interruption penalty the Chief Judge may at his own discretion either call a judging conference as soon as possible or follow CIVA Regulation 2.4.10 at his workstation without further reference to the judges. From Programme 2 onwards (with flights in reverse order) a judging conference will always be held to resolve differences for the last 15 flights, removing the discretion of the Chief Judge to waive such a conference. The official video shall be available to assist in such discussion, when it concerns a matter of fact, for example the direction of a rollowing turn, whether a negative or positive flick was performed or the omission of a figure or manoeuvre. If the discussion concerns a matter of perception, such as the extent of an error off heading or whether a figure was flicked or not, then the video shall not be used. Instead the majority view shall be determined by the grades given by the judges in real time, as per CIVA Regulation 2.4.10."

10. No change to current regulations

11. Delete a., b., c. and d. Insert:

Insert 11.1 **Hard Zeros given by the majority of judges.** The score sheets go to the scanner unchanged, the Chief Judge having checked the Confirmed Hard Zero "CHZ" box on the score sheet, the computer system changes the minority scores and determines judges' error points for Part 1 Appendix 6 and Part 3 Appendix 7.

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Insert 11.2 **Hard Zeroes given by the minority of judges or a 50/50% split decision.** The Chief Judge first determines by means of conferencing, whether the hard-zero is correct or not. If correct the Chief Judge will check the "CHZ" box on the score sheet. For those judges who have changed their score sheet following the conference, they will change their own score sheets and sign these sheets. The score sheets will then go to the scanner and the computer system will then change the minority scores and determine judges' error points for Part 1 Appendix 6 and Part 3 Appendix 7.

Insert 11.3 **Hard Zeros – Fact or Perception.** The only time that the difference between zeros of perception or fact will be considered is when the Chief Judge calls a judging conference. If zeros have been given for a matter of perception, then the video will not be used to determine the outcome but a straight majority given in real time or after discussion will prevail. The procedure as in 11.2 will apply for all other aspects.

Insert 11.4 **HZI (Hard Zero Index)** The Chief Judge will check the “HZI” box on each judges score sheet, when the judge is in the straight minority with or without a judging conference.

Insert 11.5 **Height, Interruption and Insertion Penalties.** Each judge must record such infringements on their score sheet. Where there are no such infringements the words “Nil Penalties” or “NP” should be entered in the remarks box, thus giving a positive indication in either instance. The Chief Judge or his assistant will then enter the appropriate penalty based on the majority result, in the case of 50/50% split the Chief Judge may call a conference or cast his vote as appropriate.

13. Replace current wording with “The Chief Judge must record when a contestant has exceeded the time limit for a programme (CIVA 1.4.6.1). This should not be brought to the judges’ attention whilst the flight is in progress, but immediately after the flight has ended and the score sheets brought to zero as appropriate (CIVA 2.3.1.1.). The Chief Judge should also confirm which figures should receive a Hard Zero because they have been started behind the judges (2.4.8f). This should also be dealt with immediately after the flight and scores brought to zero as appropriate.”

The Judges

3. Delete all words after “in his possession” and insert “or if asked to do so at the request of the Chief Judge. Once entered into the scoring system the scoring sheet comes under the jurisdiction of the International Jury. The judge himself must sign off any alteration on a judges score sheet.”

Page 9

6. Delete all words after “flight order sheet,” and insert “or communicate to third parties by means of cellular phone/radio etc. whilst on the judging line or during breaks/lunches etc. Failure to adhere to this instruction, may lead to expulsion from the judging line.”

Appendix Part 1 and Appendix 7 Part 3

Hard Zero Index (HZI) second line After Hard Zeros delete all words and insert “are picked up for this analysis from the score sheet, where the Chief Judge has checked the “HZI” box against a figure for ... “ (CIVA Appendix 4 – 11.4)

CIVA Regulations Part 3 – Powered Aircraft

1.2.1. Competition Flights

- a) First line delete 4 insert 5 Amend ‘Q,1,2,3 and 4’ to Q, 1, 2 and 3
Second line delete ‘and 4 will’ insert ‘may only’

1.2.4.1. Line 4 after “10 Aero Clubs” insert “with teams of three or more,”

Line 6 after ‘figures’ Delete (see 1.2.4.4) Insert “If there are less than 10 Aero Clubs with teams of three, the remaining figures will be submitted by those Aero Clubs with competitors with less than three pilots competing, to be selected on a random draw basis also.” After ‘is not allowed’ insert “The selection process will take place as part of a general briefing or at a special briefing called for the purpose; all competitors shall have the right to attend such a briefing.”

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1.2.4.4 Delete current wording. Insert “If there are pilots from fewer than 10 Aero Club competing in Programme 2, a random draw will take place to determine the sequence of figures to be selected, each Aero Club will only select one figure. The remaining figures will be selected by the International Jury.”

1.2.4.5 Insert “Objections to a figure submitted in terms of 1.2.4.1., must be made within fifteen minutes of the figure being declared legal by the International Jury and before the briefing has ended. The International Jury will determine immediately whether such an objection is valid,

should this objection be upheld the Aero Club which submitted the figure will be asked to submit a replacement figure. The new figure selected will then be subject to the same fifteen-minute objection period. Once the objection period has expired and the briefing ended, no further discussion will be entered into regarding the choice of figures, other than that set out in 1.2.4.8.”

1.4.6.1.

a) Delete current wording. Insert “The Chief Judge shall indicate by call or signal when judges must commence judging a programme. The Chief Judge must note when the time period for the programme has been exceeded and bring this to the attention of the judges after the flight. The judges will amend their own score sheets as appropriate.”

b) Delete current wording. Insert “If for some reason a general recall is necessary, this will be indicated to the competitor by radio or red pyrotechnic, the judges will be advised accordingly. A recall is, except in dangerous situations, allowed only up to the beginning of a programme.”

1.5 AWARDS

Insert 1.5.1.5 “FAI Certificates confirming their role in the contest should be given to members of the International Jury, the Chief Judge, the panel of judges (including official assistants), the Chief of the Scoring Office and all specialists in the computer room and the Contest Director.”

2.3.1.1. Insert “and” before 3 and delete 4 on lines one and two. After ‘the Chief Judge’ insert “and brought to the attention of the judges after the flight; the judges will amend their own score sheets as appropriate.”

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Sporting Code Section 6

1.3.1.1. Programmes “A”

a) Delete Programme 4

b) After ‘the Championships’ delete all words and insert “unless due to bad weather etc. only programme 1 has been completed, in these exceptional circumstances, the combined results of Programmes Q and 1 would be used rather than declare a non-event.”

c) Delete Programme 4

1.3.1.3.Champions “A”

b) Delete current wording. Insert “Advanced World Champion in Programme 2 The competitor who gains the highest number of points in the 1st Unknown Programme.”

c) Delete current wording. Insert “Advanced World Champion in Programme 3 The competitor who gains the highest number of points in the 2nd Unknown Programme.”

d) Rename current d) to e) Insert “and” before 3 and delete 4

Insert new d) “Overall Advanced World Champion The competitor who gains the highest points for programmes 1, 2 and 3.”

1.3.1.5. Champions and Winners “A”

a) Amend 1.3.1.2. to 1.3.1.3

b) Line 1 Delete ‘5’ Insert after programmes ‘1, 2, 3)

Delete last sentence 'Similarly...Team Champion' Insert "Similarly this would apply to the World Team Championship. In the event that only Programme 1 is flown, the results for the Q Programme will be used retrospectively to declare an Overall Advanced World Champion and World Team Champion."

2.1.5.1. Delete current wording. Insert "The Chief Judge and his assistant will record the timing of flights, ideally an evaluator checking paperwork will be appointed."

2.1.11.2 Delete current wording. Insert "Line judges will be supplied with radio transmitters to enable contact with the Chief Judge's Workstation. Two frequencies will be utilized each diagonal having the alternate frequency. Performance zone infringements will be reported in real time and noted both by the line judges concerned and at the Chief Judge's Workstation.

Only box outs reported on both frequencies (independent confirmation) and observed at the Chief Judges Workstation to be realistic will be taken into account on the Chief Judge's score sheet submitted to the scoring system. A record of each line judges recorded infringements and those verified at the Chief Judge's Workstation will be kept and will be made available to competitors."

2.1.11.3 Delete

2.1.12 Collection of Marking Sheets

a) Delete all wording after 'judges have' Insert " ... completed their marking, the score sheets will be collected for perusal at the Chief Judges Workstation. Once any required actions are taken (conference, penalties added, indexes checked etc.) the score sheets will be forwarded to the scanner for entry into the scoring system. The individual judges themselves must sign off any changes to the score sheets."

CIVA AGREED

14. ELECTIONS

Position	Nominee	Votes
President	Michael Heuer (USA)	24
First Vice President	John Gaillard (RSA) Pavol Kavka (SVK)	20 4
<u>Mr. Gaillard elected First Vice President</u>		
Second Vice President	Jiri Koblle (CZE) Alan Cassidy (GBR)	17 7
<u>Mr. Koblle elected Second Vice President.</u>		
Third Vice President	Osmo Jalovaara (FIN) Elena Klimovich (RUS)	18 6
<u>Mr. Jalovaara elected Third Vice President</u>		
Vice President, Gliders	Karl Berger (AUT) Jerzy Makula (POL)	14 10
<u>Mr. Berger elected Vice President – Gliders Aerobatics</u>		
Secretary	Liz Cook (AUS)	
Secretary	Carole Holyk (CAN)	

Rules Sub-Committee Chairman Jiri Koblre (CZE) Unopposed

Rules Sub-Committee Members	1 st Vote	2 nd Vote
Liz Cook (AUS)	18	
Alan Cassidy (GBR)	23	
Philippe Jean (FRA)	15	
Lars Frolander (SWE)	15	
Vladimir Popov (RUS)	Tie	11
Eugenijus Raubickas (LIT)	Tie	10

Those elected are Cook, Cassidy, Jean, Frolander and Popov

Judging Sub-Committee Chairman John Gaillard (RSA) Unopposed

Judging Sub-Committee Members

Greg Dungan (USA)	12
Robert Chomono (FRA)	21
Helmut Stas (POL)	13
Vytautas Tautkevicius (LIT)	7
Alexander Schpigovsky (RUS)	0
Osmo Jalovaara (FIN)	16
Bela Guraly (HUN)	4
Mikhail Mamistov (RUS)	17
Carole Holyk (CAN)	3
L-G Arvidsson (SWE)	18

Those elected are Chomono, Stas, Jalovaara, Mamistov and Arvidsson.

Catalogue Sub-Committee Chairman Alan Cassidy (GBR) Unopposed

Catalogue Sub-Committee Members

Bela Guraly (HUN)	4
Brian Howard (USA)	18
Madelyne Delcroix (FRA)	21
Manfred Echter (GER)	17
Jerzy Makula (POL)	11
Carole Holyk (CAN)	9
Stephen Green (GBR)	10 (Withdrawn)
Lars Frölander (SWE)	10 (Withdrawn)
Leonas Jonys (LIT)	5
Anatoly Belov (RUS)	5

Those elected are Howard, Delcroix, Echter, Makula and Holyk

Glider Aerobatics Sub-Committee

Marti Kalko (USA)	13
Madelyne Delcroix (FRA)	18
Manfred Echter (GER)	17
Helmut Stas (POL)	18
Ludwig Fuss (GER)	15
Carlo Marchetti (ITA)	12
Bela Guraly (HUN)	13
Jerzy Makula (POL)	19
Pekka Havbrandt (SWE)	13
Premysel Vavra (CZE)	11

Karl Berger (AUT)	15
Beatrice Gugelmann (SUI)	14
Sergei Krikalev (RUS)	12
Erik Houtmann (NED)	7
Gregori Kaminsky (RUS)	12
Dick Happs (GBR)	10

All those nominated have been endorsed and are elected as there is no limit on the size of the Glider Sub-Committee.

15. APPOINTMENT OF OFFICIALS (International Jury and Chief Judges)

15.1 2005 World Aerobatic Championships - Spain

President of the International Jury

Mike Heuer (USA)	21
Jirí Koblre (CZE)	3

Mr. Heuer was elected President.

Members, International Jury

Ernst Paukner (GER)	14
Jirí Koblre (CZE)	12
Robert Chomono (FRA)	18
Giorgio Marangoni (ITA)	5
Lars Frölander (SWE)	10
Yuri Tarasov (RUS)	4
Georges Brocard (SUI)	3
Carole Holyk (CAN)	2
Liz Cook (AUS)	12
Algimantas Zentelis (LIT)	6

Those elected are Paukner, Koblre, Chomono and Cook (1st Reserve - Lars Frölander).

Chief Judge

John Gaillard (RSA)	Unopposed
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15.2 2005 World Glider Aerobatic Championships (Russia)

President, International Jury

Karl Berger (AUT)	Unopposed
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Members, International Jury

	1 st Vote	2 nd Vote
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Marti Kalko (USA)	10	14
Carlo Marchetti (ITA)	7	
Manfred Echter (GER)	16	
Ernst Paukner (GER)	8	
Bela Guraly (HUN)	11	
Béatrice Gugelmann	10	7
Madelyne Delcroix (FRA)	19	

Those elected are Kalko, Echter, Guraly and Delcroix. (1st Reserve - Béatrice Gugelmann)

Chief Judge

Helmut Stas (POL)	Unopposed
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15.3 2005 Advanced European Aerobatic Championships - Pending

President, International Jury

Jirí Kobrle (CZE)	6
Mike Heuer (USA)	17

Mr. Heuer was elected President.

Members, International Jury	1 st Vote	2 nd Vote
Osmo Jalovaara (FIN)	13	
L-G Arvidsson (SWE)	17	
Ernst Paukner (GER)	9	11
Robert Chomono (FRA)	22	
Elena Klimovich (RUS)	9	10
Liz Cook (AUS)	9 (Withdrawn)	
Jirí Kobrle (CZE)	4	
Carole Holyk (CAN)	2	

Those elected are Jalovaara, Arvidsson, Paukner and Chomono (1st Reserve -Elena Klimovich)

Chief Judge

Pavol Kavka (SVK)	unopposed
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16. DATE AND PLACE OF NEXT MEETING

President Heuer advised that a $\frac{2}{3}$ majority is required for the meeting to be held outside FAI Headquarters.

Written proposal received from Hans Vogtmann, Germany
Proposed Venue: Kloster Banz, 45 km north of Nürnberg Airport
Proposed Dates: 5–6 November 2005

Verbal proposal received from Jerzy Makula, Poland
Proposed venue: Warsaw, Poland
Proposed Dates: 5–6 November 2005

Vote	1 st Vote	2 nd Vote
Germany	12	14
Poland	12	10

CIVA AGREED to Germany.

According to FAI procedure, CIVA was then requested to affirm the choice of Germany by at least $\frac{2}{3}$ majority vote or the meeting would be held in Lausanne, Switzerland.

Germany	24
Switzerland	Nil

Germany was affirmed by the required majority.

Date and place of 2006 Plenary Meeting

Poland Favour of: 21 Abstain 3

CIVA AGREED that Poland would organize the 2006 plenary meeting of CIVA.

The meeting closed at approximately 10.30, Sunday, 26th September 2004.

Submitted by Liz Cook
Secretary of CIVA
10 October 2004

Approved by Michael R. Heuer
President of CIVA
9 January 2005

Attachments:

#1 - Programme Q's and Knowns for 2005

Note: The Advanced Q was changed by vote of the Bureau after the meeting (copy attached)



Glider Known

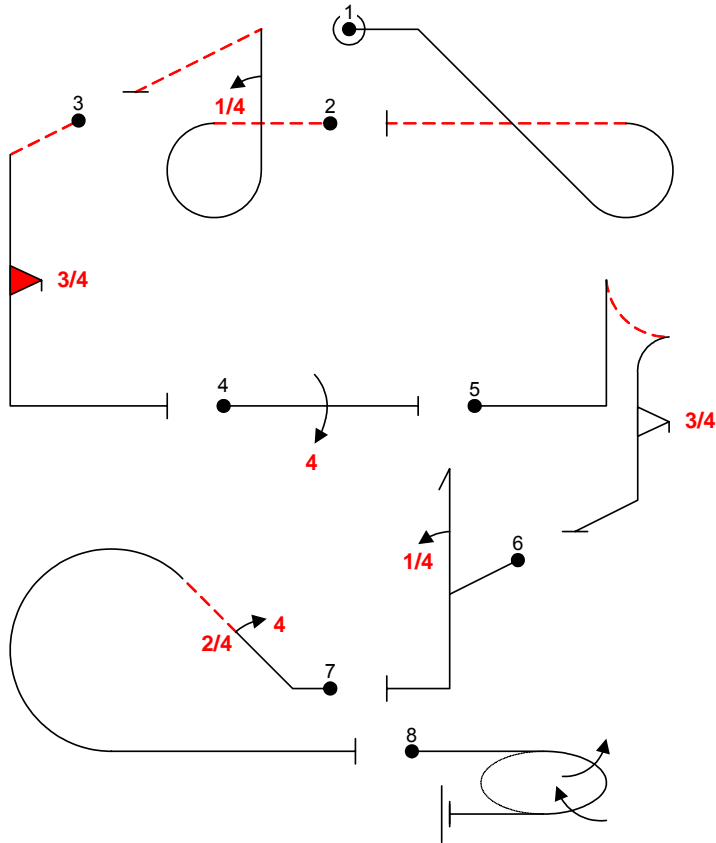
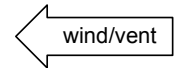
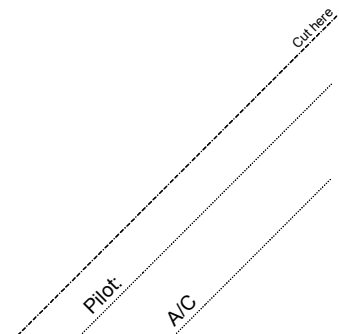


Fig 1	8.31.3	10	10
Fig 2	8.43.4 9.1.1.1	12 9	21
Fig 3	1.7.4 9.10.10.3	9 17	26
Fig 4	1.1.1 9.4.3.4	2 17	19
Fig 5	6.2.1 9.9.5.3	15 14	29
Fig 6	5.1.1 9.1.1.1	17 9	26
Fig 7	8.32.1 9.4.2.2	10 11	21
Fig 8	2.11.3	34	34
Total K = 186			





Advanced Programme Q

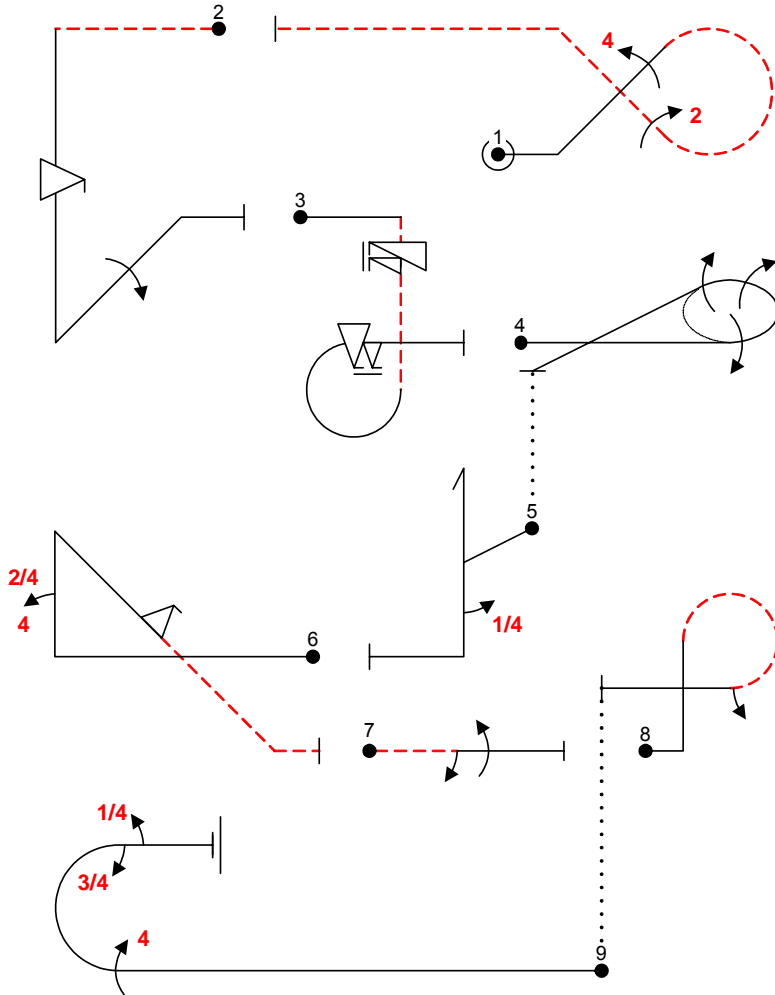
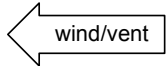
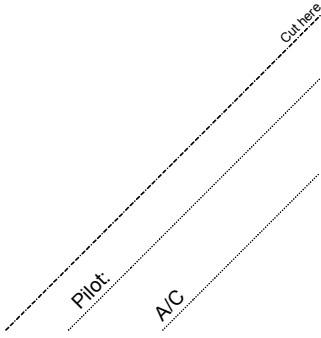


Fig 1	7.19.1 9.4.2.4 9.2.2.4	16 13 11	40
Fig 2	1.16.4 9.9.5.4 9.1.2.4	14 11 10	35
Fig 3	8.40.3 9.11.1.6 9.9.3.6	13 3 14	30
Fig 4	2.8.3	19	19
Fig 5	5.1.1 9.1.5.1	17 2	19
Fig 6	1.19.1 9.4.1.2 9.9.4.2	16 9 11	36
Fig 7	1.1.4 9.1.3.2 9.1.3.4	2 4 8	14
Fig 8	8.40.1 9.1.3.2	14 4	18
Fig 9	7.2.1 9.4.3.4 9.1.3.3 9.1.3.1	6 11 6 2	25
Total K = 236			





Unlimited Programme Q

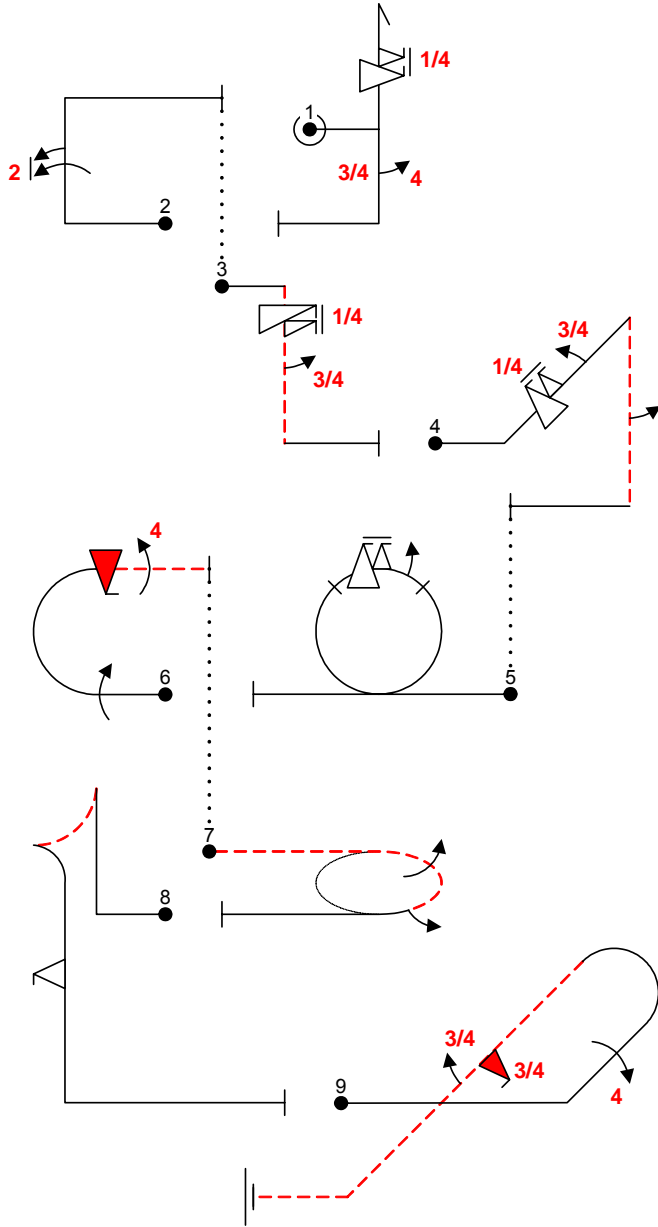
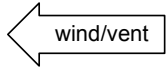


Fig 1	5.1.1 9.9.1.5 9.4.5.3	17 17 8	42
Fig 2	1.6.1 9.2.1.6	10 17	27
Fig 3	1.6.3 9.11.1.5 9.1.5.3	10 4 6	20
Fig 4	1.12.1 9.9.2.5 9.1.2.3 9.1.5.2	13 15 8 4	40
Fig 5	7.5.1 9.9.3.6 9.1.3.2	10 14 4	28
Fig 6	7.1.1 9.1.3.4 9.10.8.4 9.4.3.4	6 8 15 11	40
Fig 7	2.17.4	13	13
Fig 8	6.2.1 9.9.5.2	15 11	26
Fig 9	8.13.1 9.4.2.4 9.10.4.3 9.1.4.3	11 13 13 6	43

Total K = 279

