



*Fédération
Aéronautique
Internationale*



Minutes

of the Annual Meeting of the
FAI Aviation & Space Education Commission

held in Paris, France
on 16 and 17 June 2005

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Note: The minutes are written in the order in which the agenda items were listed. This may differ from the order in which the items were discussed during the meeting.

Roll Call:

<u>In The Chair</u>	Mr. Raymond J. JOHNSON, President
AUSTRIA	Mr. Sepp Hannes SCHLAGER, Delegate
FRANCE	Mr. Roland PRE, Delegate Mr. Antoine BERTHET, Alt. Delegate Mrs. Suzie GEBB, Young Artist Contest Jury President
GERMANY	Mr. Klaus STRIENZ, Delegate
IRELAND	Mr. Paul LYNCH, Delegate Mr. Michael MAHON, Observer
ITALY	Contessa Maria Fede CAPRONI, Delegate & 2 nd Vice President
NETHERLANDS	Mr. Michiel KASTELEIJN, Delegate & 1 st Vice President
SPAIN	Mr. Gabriel GOMILA FRAU, Delegate
SWITZERLAND	Mr. Charles-Henri THEODOLOZ, Delegate
U.S.A.	Mr. Gordon HOFF, DELEGATE & Secretary Mrs. Debbie GALLAWAY, Alternate Delegate
FAI	Mr. Jean-Marc BADAN, FAI Promotional Manager

OPENING PROTOCOL

A. Introduction:

President JOHNSON opened the Plenary Session by thanking the French Delegate Roland PRE and Young Artist Jury President Mrs. GEBB for the organization of the 2005 CIEA Plenary meeting in Paris. President JOHNSON also thanked the French National Aero Club for providing the meeting room, for their support in helping prepare materials for the meeting and for providing Saturday lunch at the Paris Air Show. President JOHNSON congratulated them on their historic achievements during more than 100 years of existence and wished them continued success in the 21st century.

President JOHNSON also thanked Mrs. GEBB and her husband Klaus for hosting a wonderful dinner Thursday evening, followed by a classical piano concert.

Each delegate introduced themselves.

B. Apologies For Absences

Apologies for absences were received from Mr. Malcolm YEO (AUS), Ms. Sachie SAKASAI (JAP), and Mr. Osmo JALOVAARA (FIN). Mr. YEO also sent an announcement stating that he has recently retired from his University position and would no longer be the Australian delegate to the CIEA. *Mr. STRIENZ (GRE) passed on greetings and apology for absence from Dr. Mervin STRICKLER, CIEA President of Honor.*

C. Welcome by FAI President Pierre PORTMANN

“Ladies and gentlemen,

Dear Friends,

It is a great pleasure for me to give you a warm welcome in Paris as FAI president, on the occasion of your annual meeting.

I take this opportunity to express my thanks to your commission for all the work done year after year for our youngsters.

I would like to express in my name and on behalf of FAI, our gratitude to Ray Johnson your president who devoted so much time and effort to your commission for so many years.

He arranged the agreement with Embry-Riddle University for the conservation of all drawings and paintings of the past.

We all know the importance sport has for children and the social value attached to it.

Our sports are not as popular as others but all sports teach self-discipline, team work, rigour and many other qualities needed in all walks of life. But aviation shares with just a few other sports, one characteristic, mistakes can be fatal so it is a particularly good school of life.

In this year of commemoration of our 100 years, we shall not forget the dream of Icarus is still alive.

We all in FAI at every level have to do our best to perpetuate this dream for the future.

I wish you all a successful annual meeting in Paris and hope you will have the opportunity to visit “le Bourget Airshow” during your stay.

I hope to welcome a great number of you during our commemorative general conference in Paris on the 13 and 14th of October 2005.

Thank you’

CIEA President JOHNSON thanked Mr. PORTMANN for his kind words and added that four Air Sport Commissions had been in contact with the CIEA and that the Environment Commission has requested that the 2006 Young Artist Contest have an environmental theme. In addition, President Johnson stated that Mr. WOEBBEKING, 2nd Vice President of the C IAM, would make an aeromodelling presentation later in the meeting.

D. Moment of Silence

Mr. Cary THEODOLOZ, (SUI) moved that we stand for a moment of silence in memory of Mr. Arthur WESTWORTH, South Africa delegate to the CIEA, who was killed this past December during a robbery at his home.

E. Conflict of Interests

President JOHNSON reminded the delegates that the FAI Conflict of Interests Declaration must be taken at the beginning of each meeting. No delegate declared any conflict of interest.

ORGANIZATIONAL REPORTS

A. FAI Secretariat Comments (by Jean-Marc BADAN, FAI Promotional Manager)

J-M Badan reported that 41 FAI Members, 9 Air Sport Commissions and 3 Technical Commissions had been represented at the 2004 FAI General Conference in Madrid. At the close 2004 there were seventy-nine active members, 12 associate members, 9 temporary members and 3 international affiliate members, for a total of 103. In 2004 3 new members joined the FAI; Cuba, Georgia and the Thailand Association of Parachuting. At the 2004 General Conference Mr. Pierre PORTMANN was elected FAI President and the new Statutes Working Group Chairman is Jean Claude WEBER.

During 2004 the FAI adopted new flag and logo and initiated a re-design of all medals and diplomas. Each Commission now has their own logo. They are available on-line and are to be used by the commissions. Copies available on-line are low resolution, high resolution logo copies are available upon request from FAI headquarters. A new internet site layout will be soon completed and all commissions are encouraged to provide articles regarding their activities.

The FAI has produced a new promotional video, approximately 7 minutes, which is available upon request. There is no narrative, only pictures and music. Also, new merchandise is in preparation and will be available on-line and will eventually be available to the general public.

The bid process for the 2005 World Air Games had been cancelled. The FAI Board has proposed work continue on a new, smaller World Air Games which would have only 1 or 2 sites. It is possible that the original World Air Games format would be re-established in 2009.

The FAI is very grateful to Embry Riddle Aeronautical University (ERAU) for producing the CD of the FAI Young Artist Contest and to CIEA President Ray JOHNSON for coordinating this project. The FAI Headquarters had received a listing of high resolution files of each of the paintings on CD-ROMs. Any FAI member wishing to make copies of the paintings can contact the FAI office to receive this information. There are still 400 Young Artist Contest CDs available, please contact the FAI office if you would like to receive one or more CDs.

B. CIEA Bureau Report

CIEA President JOHNSON requested approval of the CIEA Bureau Operating Policy (See Annex #9) and the CIEA logo (See Annex #10). Both items received unanimous approval by the attending delegates.

During the past year the CIEA Bureau met 4 times, at the EAA Fly-In in Oshkosh, WI, Washington, D.C. Minnesota and Paris.

President JOHNSON stated that not all FAI members have Delegates to the CIEA. He encouraged all attendees to consider ways to increase CIEA membership.

The cost of the new FAI Young Artist Contest CD has been underwritten by Embry Riddle Aeronautical University (ERAU). In addition, ERAU has appropriated funds to purchase 50 frames for the paintings and to provide a shipping container. This will be available for FAI members so they can more easily display the art work. Two of the ERAU staff volunteered a great amount of time in completing this project. They will be awarded the FAI Air Sport Medal for their efforts in August.

C. Delegates National Reports

Austria

The Austrian Aero Club has completed construction of a new glider simulator with motion so it more closely represents actual flight. It has been available at a limited number of activities and is proving to be very popular. Maintaining the number of airports continues to be a challenge as is attracting younger members to the air sports community. The Young Artist Contest competes with many other art contests, some of which offer very generous prizes to the student and the teacher.

France (See Annex #1)

This was the first year they have conducted a teacher program. They limited the number of attendees to help ensure a high quality experience. The program went well and they are starting to plan for a larger group in 2006. It will be held at the Le Bourget Museum and will be open to teachers from other countries. One goal is develop a network of volunteers to speak to students and other is to establish sponsors to help make the events more affordable for young people. The challenge of attracting young people is same in France.

Germany (See Annex #2)

It is important to follow-up with the young people who attend or participate in your aviation activities and events. Mr. STRIENZ collects e-mails so he can communicate with these potential future aviators.

Ireland (See Annex #3)

They face the same challenge of attracting young people to aviation. The airfields are willing to help welcome young people; however, it is sometimes difficult to find pilots willing to give up a flying day to work with the future aviators. Mr. LYNCH is working with the FAA in hopes of convincing the Irish authorities that students should be allowed to tour major airports. They have conducted workshops to help young people build an airplane.

Italy

They produced an official stamp depicting Caproni Aircraft and sold out the 3 million copies that were produced. They plan to produce another stamp in 2005. Tethered balloon rides were offered in Rome, it was very successful. Four new books were published in 2005 covering the topics of space, gliding, Alitalia and Air Hostesses and a Caproni aircraft. They are working with a museum in Sweden to restore 2 Caproni airplanes. The restoration of airplanes is the most important project. The aviation museum at Trento continues to host several youth activities during the year with over 40,000 young people attending the museum in 2004. During 2004 a 1928 Caproni aircraft was restored to flying condition. June 12 was the last week of ultralight flying exhibition. A Website for the European Women in Aviation has been established

Japan (See Annex #4)

The Netherlands (See Annex #5)

The shift in funding from government to industry is going very well. It is important that we develop communicating skills that will help bridge the gap between us and the younger generation.

Spain (See Annex #6)

They are working well with airports. A 2nd group of volunteers is now prompting aviation careers and airport tours. Young Eagle Flights are a challenge to do because of a lack of insurance of coverage. Need to work with the EAA to find a solution that will provide coverage for the pilots and the flight.

Switzerland (Annex #7)

The August 21-26 Aeromodeling Camp hosted by the Swiss Aero Club has openings. The camp will be in German and English and limited to 30 students. The cost is 300 Euros and is open to students ages 14-18. For additional information you can contact www.aeroclub.ch

Turkey (See Annex #8)

United States (See Annex #9)

For detailed report of the: (See Annex #10a,b,c)

[Civil Air Patrol Aerospace Education](#) | [NASA](#) | [Aerospace Industries Association](#).

D. International Organizations

International Air Cadet Exchange -- Mr. Michiel KASTELEIJN (NED)

Rising costs continue to be a challenge, especially since all flights are now commercial. Norway will again not participate due to the rising costs. In addition, the interest by young people is decreasing. Mr. KASTELEIJN had to lobby hard to fill the slots for The Netherlands. This may be a 1 year blip, but it may well be a structural flaw. Young people are asking "what's in it for me?" IACE must continue to work together and use all of their assets to continue the program.

European Space Agency Youth Program – Mr. Klaus STRIENZ (GER)

ESA is starting to become more active in youth activities. ESA is sending astronauts to schools and for the 2nd year is hosting a teacher forum and has established a European Council of Teachers. Teachers through out Europe will be attending the conference. This summer ESA will publish an "Earth Images Atlas" for schools and is working on a CD called "Planet Earth – Around the World in 80 Images." In Physics they are working to produce a publication called "Zero Gravity/Newton in Space." Norway, an ESA member nation, has a full time staff member producing very good space materials for teachers and students.

Within the European Union space is one of the areas of future interest and ESA members who are not part of the European Community have signed an agreement stating that space will be major area of activity in the years to come.

Mr. BADAN proposed that the ESA information be posted on the CIEA Web pages if necessary with the help of FAI staff.

WORKING PROJECTS

A. CIEA Role – FAI Centenary – Mr. Jean-Marc BADAN (FAI) and Mr. Michiel KASTELEIJN (NED)

The CIEA projects for the FAI Centenary are the Young Artists Contest CD and the theme for the 2005 Young Artist Contest which was "Create an Air Show Poster – More Than 100 Years of Human Flight".

A major undertaking for the Centenary has been the publication of the book "High Flyers" – 100 Years of FAI and Air Sports and World Records. There are 3 volunteers working to review the world records. So far 11,000 world records have been reviewed and the volunteers will have examined approximately 16,000 world records when the project is completed.

The focus of the book is on the historical development of the FAI and air sports and aviation. It also covers the relationship of the FAI with the Olympics and the role of women in aviation. In 1940 gliding was scheduled to be an Olympic event and gliding, paragliding/hang gliding and parachuting are still being recognized and could be added to future Olympic Games.

The FAI also has an exhibition booth. It has 13 information banners; one on the FAI, one banner for each of the air sports, one highlighting the Experimental and Amateur Built Aircraft and one showcasing the CIEA. It has been displayed 6 times so far, with great reviews and will be on display at the General Conference.

May 18-21 the FAI hosted its first official celebration of the FAI Centenary in Lausanne, Switzerland. It was a great success with several Ambassadors, Olympic Committee members, representatives from FAI member countries, Air Sport Commissions and Technical Commissions.

Mr. KASTELEIJN represented the CIEA at this event and stated opening ceremony included a precision parachute jump. FAI Board member B. J. Worth participated in the jump carrying a FAI Centenary Flag.

There were several good speeches during the festivities especially by the Lord Mayor of Lausanne and the keynote speech by Mr. Piccard. Mr. KASTELEIJN met with several Air Sport Commission Presidents who indicated their interest in having more contact with the CIEA.

Mr. KASTELEIJN also brought greetings from CIEA President of Honour Mr. Osmo JALOVAARA.

Mr. STRIENZ (GER) asked how many newspapers covered the event. Mr. Jean-Marc BADAN (FAI) stated that it was reported in the Swiss newspapers and some magazines had requested a program report and the several e-mails had been sent.

Mr. Gerhard WOEBBEKING, CIAM 2nd Vice President and Chair CIAM Education Subcommittee, joined the meeting and was introduced and welcomed by CIEA President JOHNSON.

B. Young Artist Contest

Embry Riddle Aeronautical University (ERAU) Archiving Agreement

The agreement signed by the FAI and ERAU states that the FAI maintains copyright title and that paintings are on permanent loan to ERAU. The paintings must be accessible to the FAI, university community and the general public. The paintings may only be viewed as consistent with non-profit status of ERAU. The wording of the agreement is as follows:

I/we, the undersigned, being the lawful owner of the material listed above, hereby donate, as a permanent loan, title to and interest in the same to the Embry-Riddle Aeronautical University Archives. Federation Aeronautique Internationale, hereafter FAI, retains ownership over all items, and may request return of all listed items at any time. Copyright for all items remains with the FAI, and duplication will not be permitted without authorization from the FAI. This archival material may be placed, or loaned in such a manner as the Embry-Riddle Aeronautical University Archives may deem advisable in accordance with Archives policy. The Embry-Riddle Aeronautical University Archives will provide access to and may display the material as consistent with the university's non-profit status. The FAI-CIEA artwork listed above will be available for viewing by members of the university community and the public. The University Archives will provide high-resolution copies as requested by the FAI.

President JOHNSON, on behalf of the CIEA, awarded an appreciation gift to Mrs. GEBB and her husband Klaus. They had initiated the search for past winning Art Contest paintings by spending 2 days at FAI Headquarters in Lausanne. It was a considerable task going through the 18 years of accumulated paintings to identify the past winners, and helped prepare them for shipping to ERAU.

Review Criteria and Participation

There was discussion regarding issuing certificates to 6 and 7 year-old participants. Some CIEA member nations believe that the 6 and 7 year olds are at a significant disadvantage in competing with 8 and 9 year-olds. There was much discussion on dividing them into two age groups or to continue issuing certificates to all 6 and 7 year-old entries. Following lengthy discussion the decision was not to split Category III 6-9 year-olds into 2 categories and to not issue FAI certificates to 6 and 7 year-old entrants. However, each country may issue certificates to 6 and 7 year-old entrants if they so choose.

President JOHNSON reminded the CIEA delegates that the medals for the winners of the FAI Young Artist Contest have traditionally been awarded before the end of the school year. However, due to the late date of the 2005 CIEA Plenary Session and that the FAI needed 60 days to prepare and distribute the medals; it would not be possible this year. The Delegates agree. After receiving the medals the NACs are urged to award them to their Young Artist Contest winners as soon as possible.

Adopt Theme for 2006

President JOHNSON noted that the Environmental Commission (EnvC) had expressed a strong interest in the Young Artist Contest. The EnvC President has urged the CIEA to adopt an environmental theme for 2006. During the ensuing discussion several suggestions were proposed with the theme selected: ***Air Sports and Nature in Harmony.***

Mr. HOFF (USA) was requested to again prepare a theme description document for 2006. Mr. HOFF accepted the task and reminded members that Mr. Steve Anderson, a college English instructor, does most of the writing. CIEA Delegates asked Mr. HOFF to express their appreciation for Mr. Anderson's efforts.

C. Status CIEA Web Pages

There are currently about 590 pages on the CIEA Web site. Information on several pages needs to be updated, as does CIEA Delegate information. Some specific sections are too large to be downloaded in a timely manner. The links need to be routinely checked to see that they are working. Prior to the meeting President JOHNSON reviewed CIEA Web pages and presented the CIEA Secretary with a list of items that should be addressed as soon as possible.

Mr. BADAN stated that the FAI does not have sufficient staff to routinely review and update the Web pages for each Commission. The managing system has recently been modified so that each Commission can manage their own Web site. Commissions can add news articles. For example, the CIEA could add the Art Contest CD, information on youth camps, etc. There was some discussion as what would meet the standard of "FAI news." The guidelines are vague on this matter, but any news article must be not something specific to one country. FAI staff will determine if submitted news articles qualify to be put on a Commission Web site.

Mr. STRIENZ (GER) asked if the CIEA Web pages have a system to track the number of hits to each area. Mr. BADAN (FAI) stated that it did and that by far the popular site was the Young Artist Contest. The Recommended Museum pages were a distant 2nd place. Discussion followed on what could be done to increase use of the CIEA Web

pages, but no definitive actions items were assigned. Mr. HOFF (USA) volunteered to update and help maintain the CIEA Web pages until the 2006 CIEA Plenary Session.

D. Air Sport Commission Relations

Both CIEA President JOHNSON and 1st Vice President KASTELEIJN stated that during the past year they had met with several Air Sport Commissions Presidents who have indicated in interest to develop a closer working relationship with the CIEA.

International Aeromodeling Commission Presentation -- Mr. Gerhard WOEBBEKING CIAM 2nd Vice President and Chair CIAM Education Sub-committee

Mr. WOEBBEKING opened his PowerPoint presentation by stating that our ancestors viewed the circling birds and dreamed of flying. Birds were not seen as threatening but were watched with envy. They passed this dream to us and today 6 year-old children build and successfully fly their own models. Mr. WOEBBEKING stated that young aeromodelers are taught the technical aspects of airflow and construction skills.

Mr. WOEBBEKING listed several drawbacks to the fascination with flight (flying).

- > It is viewed as technology of the 19th and 20th Century, not the 21st
- > The physics of airflow is complicated (Bernoulli, Newton)
- > The media seldom give it positive coverage
- > Aeromodeling demands a skill level in working with your hands
- > Building models requires patience
- > Space to fly models is limited
- > Many young people purchase models that are beyond their skill level and experience failure.

Mr. WOEBBEKING then outlined a staircase to success

- > start with paper models and simple balsa wood gliders. He showed examples of a few easy to build and fly paper/balsa models.
- > start indoors with rubber band powered models
- > then move to free flight towline gliders. They are cost effective, but still require teachers/trainers and flying fields.
- > . The electric free flight "Easy Kit" is good for someone just starting competitive Aeromodeling

The CIAM has 10 different aeromodeling categories from free flight through space models. Only in the In-door and Scale categories does the model have to be built by the pilot. The CIAM hosts 12 World and European championships each year. Six are for juniors, up to age 18 with up to 37 countries being represented. Free flight for Juniors is the largest competition with about 25 teams competing annually and up to nine members on each team. There are about 68 difference classes of aeromodeling in the United States, as compared to about 20 in Britain and Germany. Most of the classes have national and international championships. Fifty-eight classes have been in existence for over 50 years. Generally 30-40 countries attend CIAM Plenary Sessions and some send 5 to 6 participants.

Mr. WOEBBEKING completed his presentation and entertained questions.

Q. When do the young people learn about instruments and the real cockpit?

A. This is not addressed in aeromodeling.

Q. Any statistics on how many aeromodelers take up flying?

A. None that I am aware of.

Mr. KASTELEIJN (NED) stated in The Netherlands the aeromodelers want to get out of the Dutch Aero Club and are not really interested in aviation.

Mr. WOEBBEKING stated that Germany has a large aeromodeling club that does not belong to the German Aero Club. Mr. WOEBBEKING would oppose any effort to eliminate aeromodeling as an Air Sport.

Mr. STRIENZ (GER) encouraged the CIEA to include information on building model gliders on their Web pages.

SPECIAL PRESENTATION BY AERO-CLUB de FRANCE

Mr. PRE, France CEA Delegate, gave a brief overview of the history of the Aero-Club de France. It was founded October 20, 1898 by a handful of wealthy French gentlemen, all avid balloonists. Santos-Dumont, a wealthy Brazilian, soon joined the group and on January 7, 1909, was issued pilot license number 12 by the Aero-Club de France. The number 1 pilot license issued by the Aero-Club de France was issued to Louis Bleriot, who on July 25, 1909 became the first person to fly the English Channel. The French Aero Club building is one of the oldest in the world and contains many historical photos and documents. *President JOHNSON stated that he would like to have a couple of days just look at the photos and read the documents that are on display.*

Mr. PRE added that the French Aviation Museum is the oldest in the world. When founded in 1921 it was not located in Paris. In 1975 it was moved to Le Bourget, which was a old Air Force base. Currently, 16,900 items are stored in the museum and 40,000 original works are housed in the museum archives. The museum has a restoration shop where volunteers work to restore aircraft to their original status. Currently the museum has 50 paid staff and 500 volunteers.

YOUNG ARTIST CONTEST 2005 JUDGING

Mrs. GEBB, Young Artist Jury President, stated that 19 countries were represented in 2005 and the paintings were of high quality.

Category I (ages 6-9)

First Prize: **Shree AJS LAKSHMI (India)**

Second Prize: **Dustin HE (USA)**

Third Prize: **Dasha MOLOTKINA (Russia)**

Special Commendation: **Jean LIARTE (France)**

Category II (ages 10-13)

First Prize: **Shosuke TAKEUCHI (Japan)**

Second Prize: **Arina KUHTINA (Ukraine)**

Third Prize: **Ömer ÖZKAYNAK (Turkey)**

Category III (ages 14-17)

First Prize: **Kate VANDERPOOL (USA)**

Second Prize: **Hamza GÜL (Turkey)**

Third Prize (tie): **Anton ZHETIKOV (Russia)**

Monte BOTLEY (USA)

DISCUSSION TOPIC: Effectively introducing Young People to the Air Sports

During the CIEA Plenary Session agenda items Delegates generally discussed the ongoing challenges of interesting young people to the Air Sports. Therefore, because it was integrated into the entire agenda and limited time, agenda item dropped.

OTHER ITEMS FROM THE DELEGATES

A. Centennial of Flight – Deborah GALLAWAY (USA)

Mrs. GALLAWAY handed out several items that were produced during the 2003 Centennial of Flight in the United States. Mrs. GALLAWAY also shared the air of anticipation and excitement surrounding the upcoming shuttle launch. It will be the first since the tragedy of Columbia in February 2003.

AWARDS AND RECOGNITION

A. Nile Gold Medal Nominations

The FAI received one nomination for the 2004 Nile Gold Medal. It was from the USA National Association Aeronautics nominating Mr. Raymond Johnson. The CIEA Delegates voted unanimously to award the 2004 Nile Gold Medal to Mr. Raymond Johnson.

B. Air Sport Medal Nominations

There were no nominations for the 2004 Air Sport Medal. Delegates were reminded that this medal can be awarded to individuals outside of the CIEA and that there is a fee for the medal.

ELECTION OF 2005-2006 OFFICERS

President	Mr. Michiel Kasteleijn	Netherlands
1 st Vice President	Mr. Gordon Hoff	United States
2 nd Vice President	Contessa Maria Fede Caproni	Italy
Secretary	Mr. Raymond Johnson	United States

(Mr. Johnson agreed to serve only for the 2005/2006 term)

The first item of business conducted by newly elected President KASTELEIJN was to nominate Mr. Raymond Johnson for the position of President of Honor of the CIEA. The resulting vote was unanimous.

DATE AND LOCATION OF 2006 MEETING

The 2006 CIEA Plenary Session will be in Lausanne, Switzerland on April 28-29.