



*Fédération  
Aéronautique  
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# Minutes

## Annual Meeting of the **FAI Medico-Physiological Commission (CIMP)**

**Meeting in Paris**  
19-20th September 2022

vs2.0 – Sept. 20, 2022

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### 4.1 MONDAY 19<sup>th</sup> OF SEPTEMBER – SESSION #1

#### 4.1.1 Welcome by CIMP President (MO)

MO is opening at 09:30, waiting for the last participants. Special welcome to John Grubbström (JG: FAI Honorary President. ), René Maire (RM: CIMP Honorary President) and Juergen Knueppel (JK: CIMP Honorary President). Special thanks to the representatives of AéroClub of France. MO likes to congratulate all CIMP delegates, experts and officials with the 100 year anniversary and is offering an official gift ( Souvenir of the Centenary , two CIMP Flags) She is reminding the different events and guest speakers for the centenary of FAI.

#### 4.1.2 Roll call of delegates / Apologies / Declaration of conflicts of interest (GS) No disclosure

Apologies: David Bareford, Steven Gibson, Martti Lepojärvi, Frank Voeten, Jacques Berlo, Bernard Schober

#### 4.1.3 Report from the CIMP president (MO)

Reminding the CVD-19 period, the several zoom meetings, the different meetings in Air Sports. There was a special ceremony for the passing of Peter Saundby, with his family. There were several activities of the TUE Panel. Questions of RM about Mental Health / Human Factors and the connections with ESAM (Circle of Experts)

### 4.2 MONDAY 19<sup>th</sup> OF SEPTEMBER – SESSION #2

#### 4.2.1 Clinical Aviation Medicine and Regulations in Air Sports

4.2.1.1 **Online: Case report on intraocular multifocal lenses (KS, former CIMP delegate):** reminding about the progresses of the lenses (intraocular with multi-focal lenses); he is presenting a case with a good recovery after eye surgery. But there is a problem of halo (20% of cases). Reminding of the acceptance of the multifocal lenses under EASA rules. Discussions about the proposition to push for the promotion of multifocal lenses.

4.2.1.2 **Cardiology: News for aviation medicine (GS, Cardiology, Switzerland, secretary CIMP)** presenting the different innovations in Cardiology and the impact for the pilots (inflammation in CVD-19, new guidelines in ESC for ventricular arrhythmias / pulmonary hypertension, reanimation, new anti-lipids treatment)

**4.2.1.3 Aircraft developments, innovations & human factors (YL):** presentation of new developments, with propellers at the front or at the rear, with motor engine (diesel, fuel, gaz, electric, ion engines). Computations of different installations about efficiency

**4.2.1.4 Developments in UK (FV, CIMP-expert, British Gliding Association):** Reminding the Medical Standards of Peter Saundby, he gave the number of fatalities (very low) with the experience of appropriate non-complex assessments for glider pilots. Debate of ideas about safety and consequences

**4.2.1.5 Discussion, Recommendations and Advice**

- Promotion of the acceptance of multifocal lenses if good vision
- Implementation of the new cardiological screenings and treatments
- Development of new materials and engines
- Brainstorming about costs and safety for the licences

**4.3 MONDAY 19<sup>th</sup> OF SEPTEMBER – SESSION #3**

**4.3.1 Regulations in Air Sports**

**4.3.1.1 EASA Medical Expert Group (TD, expert EASA MEG):** TD is exposing the actual topics on progress for the task force. Round of table of the situation and rules. EASA is mandatory to create new guidelines and Acceptable Means of Compliance (AMCs). There is a representative of each member country.

**4.3.1.2 EASA Rulemaking update (MO, member of RMGs):** presentation of the merging of EASA Part-Med and ATCO. About Diabetes Mellitus with the use of insulin, there will be new issues about DM. The outcomes are positive with the actual follow up: no more accidents with insulin. On the CVD-19, there are a lot of guidelines. Actual research by means of tenders on Cardiovascular System, DM, Mental Health.

**4.3.1.3 Subgroups on aeromedical risks in Air Sports (DB, represented by GMC, Vice-President and MO, Pres):** summary of a statistical review on the past accidents related to the kind of medical assessment, with projection in the future. Conclusion: the cost of one spared life is 5 mios € and many hours, travel time, travel costs.

**4.3.1.4 Discussion, Recommendations and Advice**

- Promotion of communication between EASA and other partners
- Promotion of the various topics in research
- Brainstorming about costs of safety, price of a life

#### 4.4 MONDAY 19<sup>th</sup> OF SEPTEMBER – SESSION #4

##### 4.4.1 Flight Safety in Air Sports

4.4.1.1 **Developments in flight safety rules in EASA (JK, Honorary President CIMP)** Presentation of the different fields of EASA, with discussion about improving the Safety, Security, Human performance, training courses and communications (see paper in annexe)

4.4.1.2 **Discussion, Recommendations and Advice**

#### 4.5 TUESDAY 20<sup>th</sup> OF SEPTEMBER – SESSION #5

4.5.1.1 **Online: FAI Report by Secretary General (MH)** he is reporting the fragile situation of finance. Restructuration in progress.

##### 4.5.2 FAI Antidoping Program

4.5.2.1 **FAI Antidoping Program (KV, FAI AD Manager)** reporting about Antidoping and WADA. She wants to organize Webinars with various participants about WADA, Antidoping, TUE (Zoom Meetings)

4.5.2.2 **Online: Vaccine Story (JB, clinical pharmacologist, vice-pres. CIMP)** Presentation of the development of virus, state of the art about the vaccines. Ideal vaccine in the future (protection, price, manufacturing)

4.5.2.3 **FAI TUE AD Panel: current statistics and cases (GMC, HG, del. Germany)** presenting the different issues of TUE PANEL, round of table

4.5.2.4 **Assuring Transgender Equity in Air Sports (GMC, chair TUE Panel)** overview of the actual rules in sport (WADA), the constraints and advantages in each sex. In a lot of air sports, there was no difference between the sex.

##### 4.5.3 100 years FAI CIMP, special presentations

4.5.3.1 **FAI CIMP in historical perspective (RM, CIMP Honorary President)** reminding his begin in FAI in 1982, with different news as fax, mails... Presenting the crash analysis with the G-OBME near Nottingham (effect of the passengers' positions on survival). After the coming of Max Bishop, past Secretary

General of FAI, he has mentioned the different past Presidents, and the legacy of Peter Saundby. In 1999, the WADA has been created after the FESTINA affair. But the FAI had an own sport code since 1995, with complete rules in 1998. In 2001, there was the first CIMP Aeromedical Symposium during the World Air Games in Spain (25 excellent abstracts). Presentation of discussion on several models. Example of the Swiss Model for gliders. Souvenirs with a lot of pictures.

#### **4.5.3.2 Air Sports: sport or recklessness? (PMG, CIMP del. NL):**

Review of human history and development of sport. Creation and development of air sports, success of drones. Examples of extremes in airsports with wingsuits. Discussion of the protection of the emergency parachutes (presentation and limitation of different Randomized Controlled Trial)

### **4.6 TUESDAY 20<sup>th</sup> OF SEPTEMBER – SESSION #6**

#### **4.6.1 General**

**4.6.1.1 National Reports:** Germany is reporting low accident level. NL is reporting low accident too. Problem of autopsy after such issue. Sweden is reporting a bad issue with parachutes. US is reporting different problems. CH was giving a low rate of accidents. Round of table about this issue. Proposition to remind to each country delegate to deliver the National reports before the meeting.

**4.6.1.2** Minutes of the E-meeting 2020 ( <https://www.fai.org/page/cimp-meetings>) not read, accepted by GA

**4.6.1.3** Matters arising from the minutes: nothing

**4.6.1.4** Advice: Formal approval of advice to the FAI Executive Board

**4.6.1.5** Aero-Medical Conferences: National / International Meetings

- AsMA was in Reno, May 2022: good feedback of the participants
- ICAM just after CIMP: 22-24 September with presentations of MO, RM, GS, GMC, TD

**4.6.1.6** Upcoming Aero-Med Conferences:

- New Orleans (USA) May 2023 (AsMA)
- Abu Dhabi October 2023 (IAASM)

**4.6.1.7** Election of FAI-CIMP Officers: not applicable this year (1x/2yrs)

Proposition of Marja to attract on board more young colleagues in the future

**4.6.1.8** Nomination, confirmation of working groups including TUE panel

- TUE panel OK, risk management possibilities
- Working group on Aeromedical Risk

**4.6.1.9** CIMP Programme 2023/24

- Webinars on human performance
- Webinars on Anti-Doping (with AD Manager)
- Continuation of Aeromedical Risk program
- Contact with Air Sport Commissions
- Mental Health

**4.6.1.10** Any other business:

Proposition to improve the human performance with new technology (YL)

**4.6.1.11** Date and place of next CIMP meeting: to be decided

**4.6.1.12** Closure

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**Gala Dinner at Aéroclub de France at 18h30**

**Presence list Annual Plenary meeting:**

Marja Osinga (MO, FAI CIMP President),  
Markus Haggeneý, *online* (MH, FAI Secretary General),  
Jacques Berlo, *online* (JB, Vice President FAI CIMP, BEL Delegate),  
Geff McCarthy (GMC, Vice President FAI CIMP, USA Delegate, TUE Panel President),  
Paul Michel De Grood (PMG, Delegate of The Netherlands),  
John Grubbström (JG, FAI Honorary President, SWE delegate),  
Henry Lindholm (HL, Vice president FAI CIMP, SWE Delegate),  
Juergen Knueppel (JK, Honorary President FAI CIMP),  
Thomas Drekonja (TD, Representative FAI CIMP in EASA Medical Expert Group),  
Hiltrud Garthe (HG, GERM Delegate),  
René Maire (RM: FAI CIMP Honorary President),  
Pedro Moreno (PM: delegate of Spain),  
Patrick Rodriguez-Redington (PRR: delegate of France),  
Samuel J. Samuelsson (SJS: delegate of Iceland),  
Kazuhito Shimada, *online* (KS: former delegate of Japan),  
Frank Voeten, *online* (FV, Liaison BGA),  
Kamila Vokoun (KV, FAI-Commissions),  
Gregoire Schrago (GS, FAI CIMP Secretary, SUI Delegate).

Guests:

Yves Layous (YL, Prof. of Mechanics in aviation),  
Olle Sandelin (SWE),  
Alain Hermant (FR).