



## FAI Amateur Built & Experimental Aircraft Commission (CIACA)



The aim of the FAI Amateur-Built Aircraft Commission (CIACA) is the promotion of design, construction and operation of amateur and home built aircraft, and the restoration of vintage aircraft.

*Fédération  
Aéronautique  
Internationale*

## Minutes

of the  
**44<sup>th</sup> Annual Meeting**  
**FAI Amateur Built & Experimental Aircraft  
Commission (CIACA)**

Held in Friedrichshafen (GER)  
on Saturday, April 13, 2019 at 10:00h  
at Aero19, Konferenz-Zentrum Ost, Room London

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## 1. Introduction and welcome by the President

The 44<sup>th</sup> Annual General Meeting of the Amateur built and Experimental Commission was held on the 13<sup>th</sup> of April 2019 at the Messe Friedrichshafen, Germany on the last day of AERO 2019.

Alfons Hubmann gave a warm welcome to the attendees.  
The following were in attendance:

### President:

Alfons Hubmann	CIACA President	Switzerland	AH
Catherine Dartois	CACA Vice-President	Switzerland	CD
Hermann Eigner	CIACA Vice-President	Austria	HE

### CIACA Delegates & Alternate:

Christian TEUBER	Delegate	Germany	CT
Alberto Beccaro	Delegate	Italy	AB
Carlos Trigo	Delegate	Portugal	
Heinz Lang	Delegate	Switzerland	
Roger Hopkinson	Delegate	United Kingdom	
Libor Smolik	Delegate	Czec Republic -not arrived	
Ing. M. Petru. Pe	Alternate Delegate	Czec Republic -not arrived	

### FAI attendance

Wolfgang Lintl	FAI Vice President/President CIMA
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### Observer

Abass Iyad	Observer	not arrived
Abuarra Abdallatif	Observer	not arrived

### Afternoon presentations

Smartflyer Aircraft	Cruiser for the Future, 4-Seat, electric-hybrid ACFT
Siemens	New electric engines
Equator P2	Amphibious aircraft
Alpha Electro	Electric 2-Seat Trainer
Tiltrotor/Tiltwing/Big-Drone	New developments
FuelCell-Plane – Hydrogene	The carburant of the future
Aventura.Aero Gyrocopter	Heavy Duty – Long Range Gyro
Swiss F-light – Vision	Solar-Electric / Human Powered Bike
SmartflyerChallenge	Plattform for Electric Flying LSZG

## 2. Apologies for absence, proxies, conflict of interest

Apologies for absence were received from Werner Maag. No proxies were received.  
No conflicts of interest expressed.



### 3. Minutes of 43<sup>rd</sup> CIACA Meeting (on Website)

The President thanked the persons involved in preparing the minutes. No corrections have been received and the minutes were approved by the delegates.  
The agenda for the 44<sup>th</sup> meeting was also accepted unanimously with no items being added.

### 4. Actions pending from previous meeting

#### **Action 0-2014: Agreement for using Paul Poberezny's name for the new Diploma**

**CD:** One early action concerned the introduction of a new diploma. Catherine Dartois was to ask the Poberezny family for permission to use Paul Poberezny's name for this new diploma. No result so far.

**AH:** As soon as an intentional agreement from the family Poberezny is available, the process will be continued by Catherine Dartois and Alfons Hubmann.

Remark: **AH** has been requested to contact Tom Poberezny. This should happen by end of July, otherwise Roger Hopkinson will contact the co-founder of CIACA: "David Faulkner Briant".

#### **Action 2-2015: The changes in the papers for Classletter X should be updated**

Contrary to earlier discussions and decisions Classletter X / Section 14 are not available for use of FAI CIACA e.g. FAI CIACA cannot organize competitions with this identification.

#### **Action 4-2015: Rules on air racing, economic changes, judging criteria's**

**CD:** The Rules on air racing, economic challenges and judging criteria's have not yet been handed-in. Catherine confirms that this will be done well before next Annual Meeting 2019.

Remark: CD has handed-in the judgment criteria documents e.g. score sheets etc. for the national Fly-Ins. They should in a further project be harmonized in order that the best of each country can be added to the international winners table. The evaluation of this table will lead to the FAI CIACA winners list (Medals and/or Diplomas).

#### **Action 5-2015: Organizing Competitions**

CIACA tries to organize an event/competition for Experimental & Amateur Built Aircraft during the next World Air Games.

The President, Alfons Hubmann, has sent another survey by mail to find out which activities with New Technologies and Power Sources are applied in each association/country. Just two answers were handed-in so far.



## 5. CIACA President Report

Alfons Hubmann commented with pleasure the improved attendance which is due to the fact, that we are meeting again at AERO Friedrichshafen, where many of our members are anyhow present.

The President reported about the many events in which FAI CIACA has been involved FAI Presidents Meetings, Fly-In Sanicole Airfield, Electric Fly-In Grenchen CH, FAI World Air Games, ANR Racing with EAS in Raron, CIACA AGM and FAI General Conference

He reports from the meetings with the Smartflyer Challenge Team to organize further Electric Fly-In's to set up a central platform for Electric flying at Grenchen Airport, Switzerland.

## 6. FAI General Conference Oct 2018

The Minutes of the Conference have been distributed to all members.

The main topic for FAI CIACA was to promote and support projects which cover the important targets regarding new technologies and new power sources which will lead to improving ecology.

CIACA tries to have an active role for Experimental & Amateur Built Aircraft within its class & sporting codes for the upcoming World Air Games in 2022.

Some Visionary projects for the WAG will be expected from our delegates; these project will be put forward to the WAG organizers.

## 7. FAI World Events 2019

In 2019 following events will take place:

8 Continental Championships of Categorie 1

39 World Championships of Categorie 1

**AH** has displayed the link of FAI where all current and upcoming Events are reported.

[https://www.fai.org/events?search\\_phrase=&upcoming=1&f%5B0%5D=fai\\_event\\_year%3A2019&display=list](https://www.fai.org/events?search_phrase=&upcoming=1&f%5B0%5D=fai_event_year%3A2019&display=list)



## 8. CIACA Awards 2019

Three requested nominations were uploaded at the FAI Cloud by Annick Hauser. They have been submitted for decision as follows:

### **Phoenix Diploma**

1 Nomination for: **Nigel Stevens**

Submitted by: France

Aircraft: De Havilland DHC-1 Chipmunk Mk 20 (F-AZNS)

The de Havilland DHC-1 Chipmunk is a tandem two seat aircraft of aluminium alloy. This aircraft was damaged during the Suez War in 1956. The restoration started on 3<sup>rd</sup> July 1999. For the restoration work where 5200 hours of work invested. On 17<sup>th</sup> April 2018 the first post restoration flight took place.

**Decision by the delegates:** The nomination for the De Havilland DHC-1 Chipmunk, which has been restored from 1999 to 2018, has been handed-in correctly and with all details required; Therefore, the requested Phoenix Diploma has been attributed to Nigel Stevens and his exceptional aircraft.

### **Phoenix Group Diploma**

1 Nomination for: **Museum Espace Air Passion**

Submitted by: France

Aircraft: The Moynet 360/6 Jupiter

The Moynet 360/6 Jupiter is a unique prototype which first flight was on May 23, 1965. He worked for this aircraft for more than 10 years to dismantle, check, restore and reassemble it.

**Last year's decision:** This project was handed-in for a Phoenix Diploma. It has not been the work of a single person, but of a team of restorers which have executed this work for the museum; therefore, the project should have been handed-in for: "Phoenix Group Diploma".

As the Phoenix Group Diploma had already been attributed to another project last year, the delegates expected that this enormous Moynet/Jupiter project will be submitted again correctly for the Phoenix Group Diploma.

**This year's decision by the delegates:** This group has been requested to hand-in a change request for Phoenix Group Diploma by letter. Taking in consideration that no new basic request would have to be submitted. After an interesting discussion the delegates decided to attribute this Phoenix Group Diploma to the Museum Espace Air Passion, knowing that this was a real group work.



## **Phoenix Group Diploma**

1 Nomination for: **Guy Black**

Submitted By: United Kingdom

WWI de Havilland 9

Aircraft:

Guy Black has together with a small group of craftsmen restored the machine to flying condition over a period of 17 years. The completion of the flying DH9 was accomplished at the end of the summer of 2018.

**Decision by the delegates:** As this aircraft has been restored by Guy Black and his supporting crew, this WWI de Havilland 9 would earn the Phoenix Group Diploma. As only one Diploma can be attributed per year the Royal Aero Club of United Kingdom is asked to renew the application for next year by letter.

## **9. CIACA educational and social initiatives**

**AH:** Emphasized again how important it is to involve young people in our sports. Firstly, to give them a content of life, secondly to indicate to them the many possible professions which are available for them in aviation.

FAI CIACA and their National Organizations try to motivate young people for the aviation by organizing special events with manifold opportunities.

One of these special events has been the CIACA Children build Aircraft at the FAI World Air Games in Dubai. The next big event in Switzerland is the ICARE-Day which enables about 60 youngsters to pilot themselves for the first time for a small contribution with Glider, Aircraft, Helicopter or even Balloon; this includes meals, shows of Model Aircraft, Para-Jumpers and the visit of the Control Tower.

**Alberto Beccaro** has agreed to prepare a message to all FAI CIACA associations and delegates in order to create a general movement to generate contact and meetings for young people (such as young eagles, i-care etc.).

## **10. New technologies and their progress for the aviation**

**AH:** Has presented with attached pictures and movies 7 Projects/Aircraft which presented new technologies or/and new power sources. These Aircraft were presented: Droxi Drone, Smartflyer, Solar Stratos, HY4, Evolaris, Dufour Aerospace, Equator P2, EADS E-Fan, Blackshape, Ray Copter VLOT, Volocopter and Kitty Hawk Cora, Alpha Electro.

**AH and his crew:** Have prepared the afternoon Program regarding the presentations of new very ecologic, electric and human powered airplanes after the AGM. from 2:00 to 4.30 p.m. including Tiltwing/Tiltengine, FCPlane Fuel Cell Drive, Haevy Duty Gyrocopter, Swiss F-light a vision of a flying bike, smartflyerchallenge platform for Electric Flying, Alpha Electro, .



**Hermann Eigner** presented the following:

Memorial of the first international electro flight in 1973, in Austria.

A redundant engine of Scale Wings

A test run of a Ion-Drive

A hydrogen engine APUS 1-2

Furthermore, Smartflyer Challenge invites already now to its next Electric Fly-In Event at Grenchen Airport LSZG. The meeting for electric aircraft will be held on the 14<sup>th</sup> and 15<sup>th</sup> September 2019.

## 11. FAI CIACA: Records Competitions and Sporting Codes

**AH:** Solar Impulse has kept our attention for the last few years and has achieved many records. The main record was of course the surrounding of the globe.

Solar Stratos which had its roll-out on December 7, 2016 comes fast behind and is heading for Solar Powered altitude records with the main target to enter the Stratosphere.

**Catherine Dartois** is again promoting the National Aircraft Judging at FlyIns, which should as soon as possible be put on the International level for FAI Ciaca competitions.

Competitions as AIR Racing ANR & Precision Flight and Landings will be further developed.

A few Electric Experimental Aircraft are already flying and many more are under construction. This will be a basis to start organizing Experimental Competitions with Electric Aircraft.

**Carlos Trigo** is contacting aviators and organisers of Competitions on the Iberian Peninsula in order to try again to find the solution to such events under Ciaca Sporting Codes. He will keep CIACA Executives informed regarding his progress and submit a filer with proposals.

## 12. Update about other relevant bodies: EFLEVA ECAC EAS EASA

**AH:** noted the importance of these bodies in ensuring a regulatory environment in which our interest can flourish.

**Roger Hopkinson** (Honorary President of EFLEVA) reported on the current activities of these bodies: EFLEVA had continued its strong focus on improving cross border freedoms and regulatory matters (600kg etc.) for Amateur Built aircraft; the EFLEVA Fly-In at Sanicole; the Europe Air Sports meeting in Vienna with a new President.

Much of current regulatory activity with EASA at this stage was to contribute to changes to the Basic regulation though of note was the EASA GA Roadmap where progress had been made on Part 21 (Certification standards) proportionality where EFLEVA has, through EAS a representative on the related working group.

The official EFLEVA Fly-In 2019 will be connected to the RSA France Fly-In at Brienne from 2<sup>nd</sup> to 4<sup>th</sup> August 2019.



A good working relationship has been continued with ECAC including agreements on a recommendation for cross border movement of Historic aircraft.

### 13. Elections of Bearers

The Election for a 2 year period will take place next year again.  
No member of the actual executive members have resigned.

Therefore the following exec members are still on duty:

- Alfons Hubmann, President
- Catherine Dartois, Vice President
- Hermann Eigner, Vice President

### 14. Public Relations

AH: presented again the following Homepages to the members:

[www.efleva.eu](http://www.efleva.eu) [www.easa.europa.eu](http://www.easa.europa.eu) [www.europe-air-sports.org](http://www.europe-air-sports.org) [www.ecac-ceac.org](http://www.ecac-ceac.org)

### 15. Any other Business

No requests have been handed in.

### 16. CIACA Finances

Alfons Hubmann has received the Financial Status per 31.12.2017 from FAI Cosette Mast.  
He presented these figures to the audience.

### 17. Date and place of next meeting – End of official Agenda

The next AGM is planned for Saturday, 13th April 2019 at Messe Friedrichshafen.

Final at 12:30

Bern, 20<sup>th</sup> May 2019

For the minutes

Alfons Hubmann

**Public Short Presentations in the Afternoon:**  
**New Technologies and Power Sources for Sustainable Aviation Ecology**  
**Electric, Solar, Hydrogen** (see separate program)



**Public Short Presentations:**  
**Saturday, 13.4.2019 - 14:00 English**

**New Technologies and Power Sources for Sustainable Aviation Ecology Electric, Solar, Hydrogen**

**Smartflyer** Rolf Stuber, President

14:00 **The Cruiser for the Future** is coming up soon!

High voltage on the test bench

[www.smartflyer.ch](http://www.smartflyer.ch)



**Siemens** Leading Team

14:30 New Electric Engine Constructions



**Equator P2**

14:45 Hybrid Electric High Performance  
Amphibious Aircraft

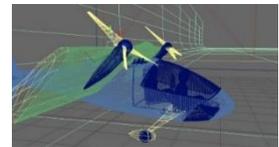


**Alpha Electro** M. B. Corpataux, AlpineAirplanes

15:00 Experiences with Alpha Electro Trainer 2-Seat-Trainer

**FAI CIACA**

15:10 Further exciting constructions like:  
Tiltengine /-rotor, Tiltwing, Ray Copter



**FCPlane**

15:20 Solar, Electric Hydrogene  
New technology with **Fuel Cell Drive!**



**Swiss F-light** Ermano Bassi

15:40 Sustainable Innovation - Swiss Made!

The Vision of a flying bike! – Exciting new mobility



**Aventura.aero** D. Spring

15:50 **Heavy-Duty Long-Range Short-Landing Gyrocopter**

**Smartflyer-Challenge** Sandra Dubach

15:50 15' Fly-In for electric aircraft

