



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.

FAI CIACA

Commission Internationale des Aéronefs de Construction Amateur

49th Annual General Meeting
29th June 2024 / 09:00 UTC



49th Annual General Meeting

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13. CIACA Finances
14. Any other Business
15. Date and place of next meeting



APOLOGIES FOR ABSENCE, PROXIES, CONFLICT OF INTEREST

- Presence
- Proxies
- Absences
- Conflicts of Interest



MINUTES OF 48TH CIACA MEETING



- 16th May 2023 online via Zoom
- President, Alfons Hubmann reported about happenings in 2022
- IT Manager of FAI, Visa-Matti Leinikki reported about GC 2022, Finances and WAG
- Nomination in each categories awarded:

Phoenix Diploma

Stephen Slater

Phoenix Group Diploma

Anne Hughes for Lakes Flying Company

Henri Mignet Diploma

Ivan Shaw

David Faulkner Bryant Diploma

Stephen Markham

→ **The full minutes have been distributed to all delegates**

ACTIONS PENDING FROM PREVIOUS MEETING



- **Action Task 1:**
CIACA could organize competitions and challenges during the World Games or at similar events. Proposals for competition drafts should be submitted to the President of FAI CIACA.
- **Action Task 2:**
The submitting of applications by national and international Aero Clubs for all diplomas should be ensured. Improvement measures have been communicated and should be pursued.

CIACA PRESIDENTS REPORT

22.04.2023	AERO23 Friedrichshafen	FAI CIACA Meetings	1
10.09.2023	Electric Fly-In Bern (Switzerland)	FAI Meetings	5
		National Assoc. Meetings	1
		International Meetings	6
		Fly-In's	2
		Other Events	5



ELECTRIFLY-IN 2023

September 2023

- Electrify-In @Bern Airport (SUI)
- Interesting projects have been presented as: smartflyer SFX1, Elektro Solar,eGenius, Pipistrel Velis, Antares and much more..
- eTALK with Dufour Aerospace, eSling, Pie Aeronefs, smartflyer, SolarStratos
- Symposium with interesting lectures
- Sightseeing flights for the visitors
- eTrophies in three categories: Electric, Glider and Hybrid



FAI GENERAL CONFERENCE DECEMBER 2023

- 26th to 27th October 2023, in Daytona, Ohio (USA)
- Main topics:
 - Future plans of FAI
 - Financial report
 - Events
- Main topics for FAI CIACA:
 - Support from the NAC's and Delegates for:
 - Projects
 - New Technologies & New Power Sources
 - Ecology and Sustainability

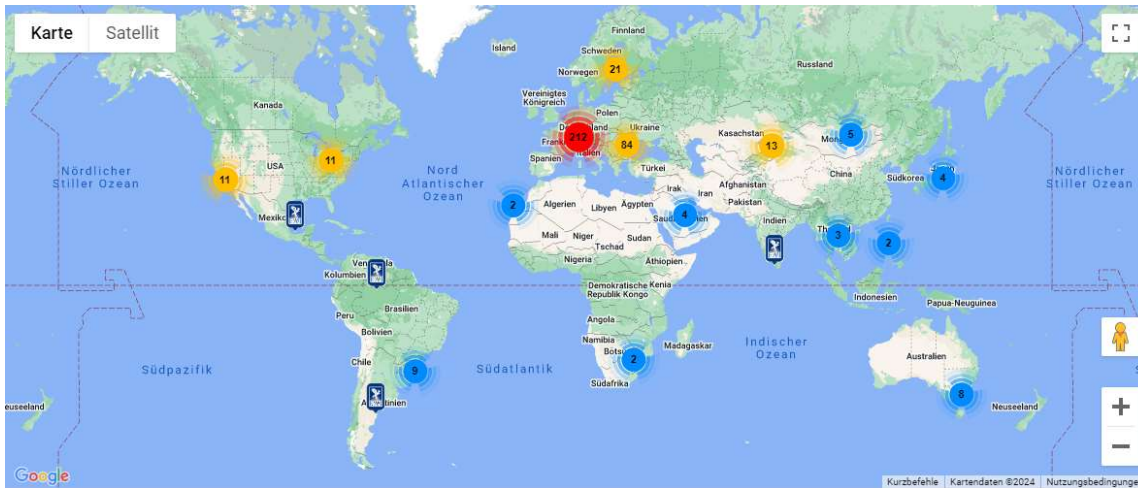
→ The Minutes of the conferences have been distributed





7

FAI WORLD EVENTS 2024



Region

Events

South America

10

Northern and
central America

23

Europe

319

Central and eastern Asia

26

Africa

8

CIACA AWARDS 2024



Nomination application received

Phoenix Diploma	Benvenutas Ivanauskas	Bro-9 Ziogas
Phoenix Group Diploma	-	-
Henri Mignet Diploma	Frédéric Maron	(AA2 Gas Balloon)
David Faulkner Bryant Diploma	-	-

PHOENIX DIPLOMA



**FAI Awards – Nomination Form
FAI Amateur-Built & Experimental Aircraft
Commission (CIACA)**
(one form per nomination)

Submitted by – the FAI Statute 8.1.3.2																	
NAC	Aeroclub of Lithuania																
Name	Arunas Grazulis																
Position/Function	President																
Date	2024-05-30	Email Address															
<table border="1"> <thead> <tr> <th>Name of the Award</th> <th>Description</th> <th>Nomination</th> </tr> </thead> <tbody> <tr> <td>Phoenix Diploma <small>the FAI By-Laws: 7.12.1</small></td> <td>They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by an individual amateur.</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Phoenix Group Diploma <small>the FAI By-Laws: 7.12.1</small></td> <td>They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by a group of any size or description.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Henri Mignet Diploma <small>the FAI By-Laws: 7.12.1</small></td> <td>This diploma may be awarded to an amateur aircraft builder or a group of builders, who have developed an aircraft of any category (including microlight) which has one or more of the described characteristics.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>David Faulkner Bryant Diploma <small>the FAI By-Laws: 7.12.1</small></td> <td>This diploma may be awarded to an amateur aircraft builder or a group of amateur aircraft builders who have built a plan-built or a kit-built aircraft of any category.</td> <td><input type="checkbox"/></td> </tr> </tbody> </table>			Name of the Award	Description	Nomination	Phoenix Diploma <small>the FAI By-Laws: 7.12.1</small>	They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by an individual amateur.	<input checked="" type="checkbox"/>	Phoenix Group Diploma <small>the FAI By-Laws: 7.12.1</small>	They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by a group of any size or description.	<input type="checkbox"/>	Henri Mignet Diploma <small>the FAI By-Laws: 7.12.1</small>	This diploma may be awarded to an amateur aircraft builder or a group of builders, who have developed an aircraft of any category (including microlight) which has one or more of the described characteristics.	<input type="checkbox"/>	David Faulkner Bryant Diploma <small>the FAI By-Laws: 7.12.1</small>	This diploma may be awarded to an amateur aircraft builder or a group of amateur aircraft builders who have built a plan-built or a kit-built aircraft of any category.	<input type="checkbox"/>
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Nomination for																	
First Name	Benvenutas	Family Name															
Birthdate	2024-05-30	Email Address															
<p>Citations* for the Nomination</p> <p><small>*Must not exceed 300 words based on the FAI By-Laws 7.2.2.1</small></p> <p><small>*Will be uploaded to FAI Database and presented at fa.org</small></p> <p>Additional information about the nominee</p> <p><small>Add the links website/social media, photos, articles etc. (All in relation with practicing hobbyist sport or achievement made as nominated for)</small></p> <p><small>All nominations must be received at the FAI Secretariat in electronic format latest 60 days before the Commission Plenary Meeting based on the FAI By-Laws 7.1.2. Please submit your nomination to nominations@fa.org</small></p>																	

v.01 - 2023-01-28
The more information and past awards recipients are mentioned at <https://www.fai.org/awards/ciaca-awards>

Nomination for Submitted by

Benvenutas Ivanauskas Aeroclub of Lithuania

« Bro-9 Ziogas »



PHOENIX GROUP DIPLOMA



FAI Awards – Nomination Form FAI Amateur-Built & Experimental Aircraft Commission (CIACA) <small>(one form per nominee)</small>		
Submitted by – the FAI Statute 8.1.3.2		
NAC	Royal Aero Club of Great Britain	
Name	David Phelps	
Position/Function	Secretary	
Date	2023-05-09	
Email Address	secretary@royalacoclub.co.uk	
Name of the Award	Description	Nomination
Phoenix Diploma <small>the FAI By-Laws: 7.12.1</small>	They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by an individual amateur.	<input type="checkbox"/>
Phoenix Group Diploma <small>the FAI By-Laws: 7.12.1</small>	They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by a group of any size or description.	<input checked="" type="checkbox"/>
Henri Mignet Diploma <small>the FAI By-Laws: 7.12.1</small>	This diploma may be awarded to an amateur aircraft builder or a group of builders, who have developed an aircraft of any category (including microlight) which has one or more of the described characteristics.	<input type="checkbox"/>
David Faulkner Bryant Diploma <small>the FAI By-Laws: 7.12.1</small>	This diploma may be awarded to an amateur aircraft builder or a group of amateur aircraft builders who have built a plane-built or a kit-built aircraft of any category.	<input type="checkbox"/>
Nomination for		
First Name	Family Name	Hughes (for Lakes Flying Company)
Birthdate	Email Address	brnograig12@hotmail.com
<p>Citations for the Nomination</p> <p><small>(Should not exceed 250 words based on the FAI By-Laws 7.2.7)</small></p> <p><small>*Will be updated to FAI Database and presented at FAI.org</small></p>		
<p>Additional information about the nominee</p> <p><small>Add the links website/social media, photos, articles etc. Full in relation with describing his/her sport or achievement (where it nominated for)</small></p>		<p>Additional information and images available in attached pdf.</p>
<p><small>All nominations must be received at the FAI Secretariat in electronic format latest 60 days before the Commission Theory Meeting based on the FAI By-Laws 7.1.2.</small></p> <p><small>Please submit your nomination to commissions@fai.org</small></p>		
<p><small>v.01 - 2023-03-28</small></p> <p><small>The more information and past awards recipients are mentioned at https://www.fai.org/2023/03/28/awards</small></p>		

Nomination for

Anne Hughes
(Lakes Flying Company)

Submitted by

Royal Aero Club of Great Britain

« Waterbird »



HENRI MIGNET DIPLOMA

(RENEWAL)



FAI Awards – Nomination Form FAI Amateur-Built & Experimental Aircraft Commission (CIACA) <small>(one form per nomination)</small>			
Submitted by – the FAI Statutes 6.1.3.2			
NAC	Aéroclub Royal de Belgique / Koninklijke Belgische Aéroclub / Royal Belgian Aeroclub		
Name	Lucas Berls		
Position/Function	President		
Date	2023-03-30		
Email Address	lberls@aeroclub.be		
Name of the Award	Description	Nomination	
Phoenix Diploma <small>the FAI By-Laws: 7.12.1</small>	<small>They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by an individual amateur.</small>	<input type="checkbox"/>	
Phoenix Group Diploma <small>the FAI By-Laws: 7.12.1</small>	<small>They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by a group of five (5) or more.</small>	<input type="checkbox"/>	
Henri Mignet Diploma <small>the FAI By-Laws: 7.12.1</small>	<small>This diploma may be awarded to an amateur aircraft builder or a group of builders, who have developed an aircraft of any category (including microlight) which has one or more of the described characteristics.</small>	<input checked="" type="checkbox"/>	
David Faulkner Bryant Diploma <small>the FAI By-Laws: 7.12.1</small>	<small>This diploma may be awarded to an amateur aircraft builder or a group of amateur aircraft builders who have built a plan-built or a kit-built aircraft of any category.</small>	<input type="checkbox"/>	
Nomination for			
First Name	Frédéric	Family Name	Maron
Birthdate	1972-03-11	Email Address	frédéric@maron.be
Citations* for the Nomination <small>(shall not exceed 250 words based on the FAI By-Laws 7.2.1.) *Will be uploaded to FAI Database and presented at fa.org</small>	<p>Starting from scratch on a rapier, the aircraft is a new type of gas balloon (hydrogen certified). It is the largest one in the world currently in operation - a great high class.</p> <p>The whole aircraft has been fully designed in detail and custom made. No major parts are standard except some ribs and fabric.</p> <p>The envelope has a radial leading shape to reduce strain on it. The fabric is specially developed for the balloon and is three times lighter than current materials. The inside layer offers some protection against overheating from the sun's rays. At the top of the envelope, the valve is made entirely of carbon fiber for lightness.</p> <p>The gondola is a carbon fiber shrapnel by high strength webbing seen on ultra-light fabric and protective beam panels. At the end of the high modulus blue line, the gondola is attached to the envelope by the single suspension point consisting of the aircraft grade aluminum test rods.</p> <p>The accessories are made with the lightness in mind. The seat and the sand storage are in carbon fiber and the landing gear are made in an ultralight fabric. The gas tank is a very large shape respecting the breaking resistance thanks to the much larger friction surface than the traditional round hemp ropes.</p>		
Additional information about of the nominee <small>Add the links website/social media, photos, articles etc. (All in relation with positioning his/her sport or achievement to the line is nominated for)</small>	> See document annexed (2 pages A4)		
<small>All nominations must be received at the FAI Secretariat in electronic format latest 60 days before the Commission Plenary Meeting based on the FAI By-Laws 7.1.2. Please submit your nomination to commissions@fa.org</small>			

v.01: 2023-03-28
The more information and past awards recipients are mentioned at <https://www.fai.org/faq/ciaca-awards>

Nomination for
Submitted by

Frédéric Maron
Aéroclub Royal de Belgique

« AA2 Gas Balloon »



DAVID FAULKNER BRYANT DIPLOMA



Submitted by – the FAI Statutes 8.1.3.2	
NAC	Royal Aero Club of Great Britain
Name	David Phipps
Position/Function	Secretary
Date	10/23-05-09
Email Address	secretary@royalaeoclub.uk
Name of the Award	
Phoenix Diploma	They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by an individual amateur.
Phoenix Group Diploma	They may each be awarded for the best reconstruction or restoration of a vintage (more than 30-year-old) aircraft achieved by a group of any size or description.
Henri Mignet Diploma	This diploma may be awarded to an amateur aircraft builder or a group of builders, who have developed an aircraft of any category (including microlight) which has one or more of the described characteristics.
David Faulkner Bryant Diploma	This diploma may be awarded to an amateur aircraft builder or a group of amateur aircraft builders who have built a jet-built or a jet-built aircraft of any category.
Nomination for	
First Name	Stephen
Family Name	Markham
Birthdate	1957-10-16
Email Address	office@isa.uk.com
Citations for the Nomination	<p>In the 2022 UK award for the David Faulkner Bryant Diploma, Stephen Markham was awarded the Diploma for his Spitfire Mark 26. The aircraft was built in 1942 and is a replica of the original aircraft. It was built by Stephen Markham and his wife Fay. The aircraft was built in 1942 and is a replica of the original aircraft. It was built by Stephen Markham and his wife Fay. The aircraft was built in 1942 and is a replica of the original aircraft. It was built by Stephen Markham and his wife Fay.</p> <p>The aircraft was built in 1942 and is a replica of the original aircraft. It was built by Stephen Markham and his wife Fay. The aircraft was built in 1942 and is a replica of the original aircraft. It was built by Stephen Markham and his wife Fay.</p> <p>The aircraft was built in 1942 and is a replica of the original aircraft. It was built by Stephen Markham and his wife Fay. The aircraft was built in 1942 and is a replica of the original aircraft. It was built by Stephen Markham and his wife Fay.</p>
Additional information about the nominee	<p>See also: https://www.dailymail.co.uk/news/article-11274395/Pilot-spent-16-years-building-exact-replica-Spitfire-ready-flight.html</p>

Nomination for
Submitted by

Stephen Markham

Aero Club of Great Britain

« Spitfire Mark 26 »



NEW TECHNOLOGIES AND THEIR PROGRESS FOR THE AVIATION



Worldwide developments

- Zero-Fuel Aircraft
- Advanced materials
- Supersonic flights
- Autonomous flight systems
- Solar, Electric, Hydrogen, Hybrid

New technologies will be presented by:
FAI CIACA Vice President (Tech's) Hermann Eigner)

SOLAR-ELECTRIC 6-SEAT TRANSPORTER

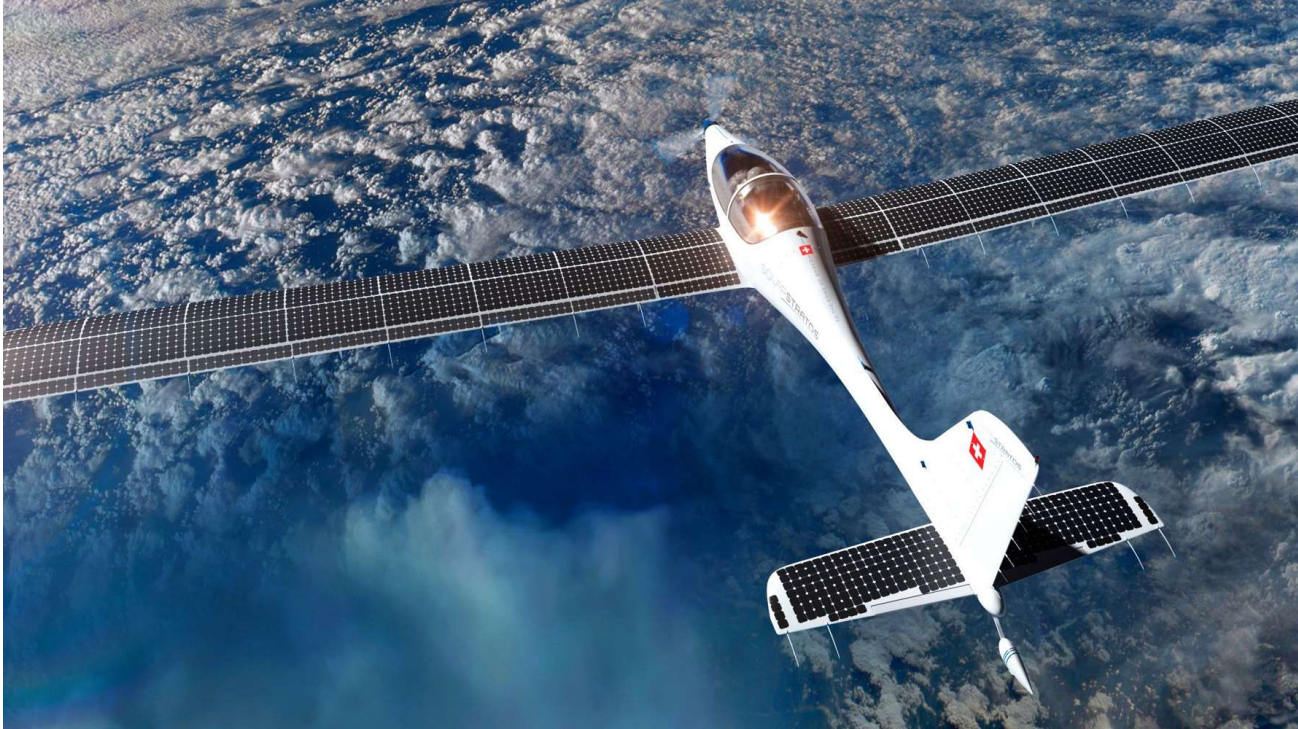


<https://www.solar-flight.com/solar-6-seat-transporter/>

SolarFlight

ELECTRIC

SOLAR STRATOS



<https://www.solarstratos.com/en/>

HYDROGEN

SIRIUS JET



SIRIUS JET

<https://siriusjet.com/>

HYDROGEN

MAGGIE



SIRIUS JET

<https://www.nasa.gov/general/mars-aerial-and-ground-global-intelligent-explorer/>

ELECTRIC

NEXUS



<https://discovernexus.com/>

HYBRID

ATEA



<https://www.ascendance-ft.com/products/atea>

HYBRID

BEHA M1H



<https://www.faradair.com/>

ELECTRIC

MIDNIGHT



<https://www.archer.com/midnight>

ELECTRIC

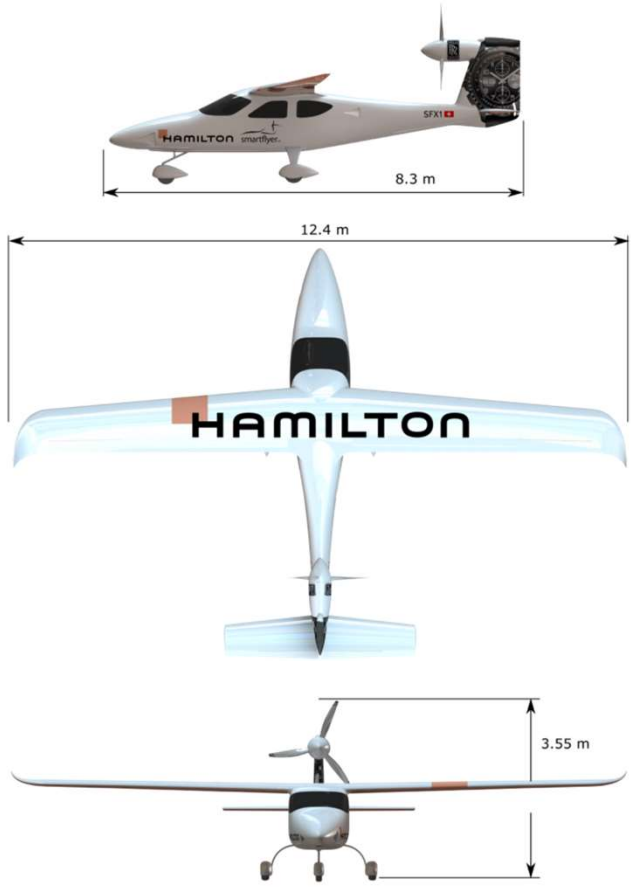
MK-5



<https://www.tetra-aviation.com/>

ELECTRIC

SMARTFLYER SFX1



ELECTRIC

LILIUM JET



ELECTRIC

PARAGON SOAR



PARAGON VTOL AEROSPACE

<https://paragonvtol.com/paragon-soar>

ELECTRIC

EDA40



<https://www.diamondaircraft.com/en/service/electric-aircraft/>

ELECTRIC

VOLANTE



ASTON MARTIN

<https://www.astonmartin.com/de/models/special-projects/the-aston-martin-volante-vision-concept-2019>

ELECTRIC

VISION VTOL



<https://visionvtol.weebly.com/vision-vtol.html>

ELECTRIC

CASSIO



<https://www.voltaero.aero/en/the-vision/>

HYDROGEN

FCPLANE



HYDROGEN

ELEMENT ONE

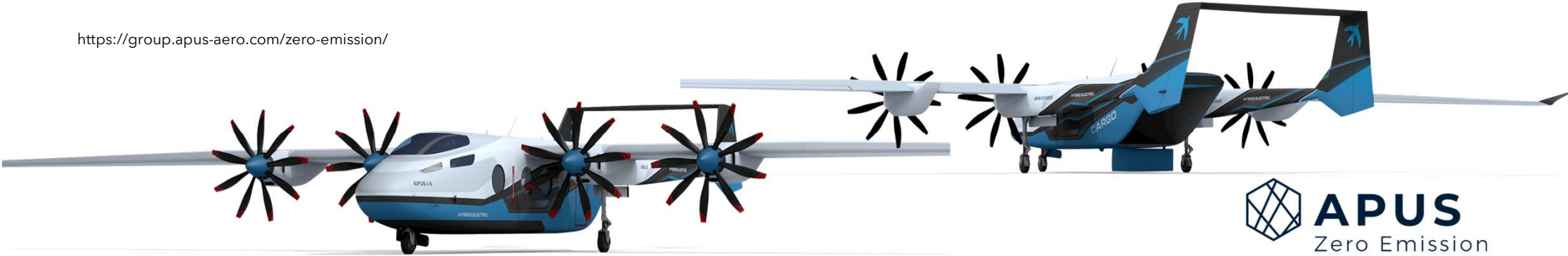


HYDROGEN

APUS I-2 & APUS I-5



<https://group.apus-aero.com/zero-emission/>



HYDROGEN

AIRFLOW MODEL 200



<https://www.electra.aero/>

HYDROGEN

H2FLY - VISION



regional aircraft

40 seat aircraft with ranges up to 2000km



air taxi

4-6 passengers with ranges well over 500km



business aircraft

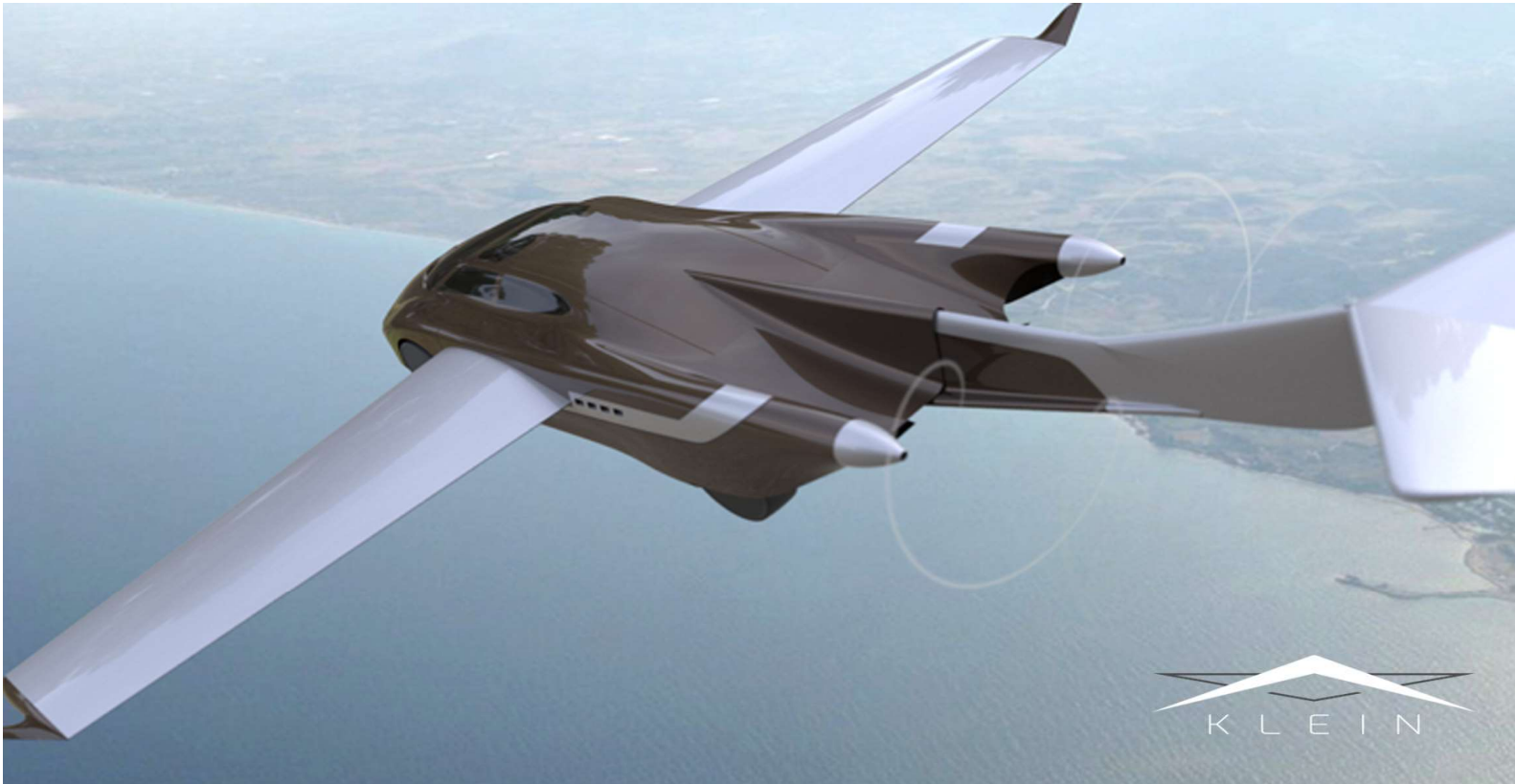
19 seat aircraft with ranges up to 1500km

<https://www.h2fly.de/vision>



VISION

AIRCAR



OTHER

HEAVY-DUTY GYROCOPTER



Adventure

Professional

Surveillance



FAI CIACA ENVIRONMENT AND SUSTAINABILITY



- CIACA is looking for ecological projects and activities to support
- Competitions in this section could be organized
- CIACA is collecting DATA worldwide about the actual developments
→ **need your support!**

**How about your country?
Are there any developments?**

FAI CIACA: RECORDS, COMPETITIONS AND SPORTING CODES

- **Records and/or promoted / supported:**
 - Solar Impulse
 - Solar Stratos
 - Human Powered
- **Competitions:**
Air Racing ANR & Precision Flight and Landings

A trial has been made with PFA (Precision Flying Assoc.)



Records, Competitions, Sporting Codes will be presented by:
→ **FAI CIACA Vice President (Sports) Catherine Dartois**

UPDATE ABOUT OTHER RELEVANT BODIES: EFLEVA, ECAS, EAS, EASA

- **EFLEVA** - European Federation of Light, Experimental and Vintage Aircraft
 - Protection against overwhelming aviation legislation (EASA)
 - *Annex II → Annex I*
- **EAS** - Europe Air Sports
 - *Represent the interests of pilots and light aircraft owners / operators in civil aviation regulatory developments*
 - *Close cooperation with aviation associations, leading partner influencing EASA in the pilots sense*
- **EASA** - European Aviation Safety Agency
 - *Safety standards*
 - *Harmonization of technical standards to protect the environment*
- **ICARE** - Young Eagles
 - *Motivating young pilots*



ELECTIONS OF BEARERS



The following Executive Members are still on duty:

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

→ Next election for a 2 year period at the CIACA AGM in 2024

PUBLIC RELATIONS



- FAI CIACA is looking for new developments, new technologies and new aircraft projects to support and promote



ANY OTHER BUSINESS



CIACA FINANCES



- No changes since last meeting -

DATE AND PLACE OF NEXT MEETING



07. - 08.09.2024	Electrifly-In @Bern Airport, LSZB (SUI)
20. - 21.11.2024	FAI General Conference, Riyadh (SAU)
04/2025	FAI CIACA AGM 2025
09. - 12.04.2024	AERO25 @Friedrichshafen (GER)



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.



Thank you for your participation

