



- **Knowledge transfer: Reason + Importance of CIACA**
 - membership of CIACA – quantity - quality - importance
 - People + Money involved per unit - per nation - all over



Fédération Aéronautique Internationale

Air Sports Commission Presidents Meeting Belgrade



Air Sports Commission

Technical Commission

Experts Groups
(Called in if necessary)

Commission Internationale des Aéronefs de Construction Amateur



We keep the flame going:



We construct prototypes

We build aircraft sets

We maintain our aircraft and preserve the jewels of our ancestors

We transfer the flame of aviation and educate our enthusiastic members

Commission Internationale des Aéronefs de Construction Amateur



Private Aircraft-Builders Constructeurs + Groups
+ Experimental + Homebuilt +

They are our ancestors; driven by the flame of Visions:

Ikarus + Dädalus

Leonardo da Vinci

Wright Brothers

Santos Dumont

Father Gusmao

+* Big inventors and heroes in aircraft history

~1900 they started to associate themselves -
In some countries they found acknowledgement!



Evolution of Power sources



Air Movements, -Flows / Gliding

Human Power: e.g. Ikarus, Ornithopter



Engines:

Gasoline/Carburants of many kind

Electricity from: Water- + Wind-Generators, Nuclear.



Solar Electricity: Solar Impulse + Others!!

Hydrogene



CIACA Worldwide

Experimental + Homebuilders 49 : 43 : 30



CIACA Worldwide

Experimental + Homebuilders Nations **90 : 30**

Argentina	Iraq	Philippines
Armenia	Kazakhstan	Qatar
Azerbaijan	Kuwait	Romania
Bahrain	Lebanon	San Marino
Bosnia	Malaysia	Saudi Arabia
Bulgaria	Mali	Slovenia
Taipei	Moldavia	Suriname
Colombia	Monaco	Syria Arab.
Cuba	Mongolie	Trinidad-Tobago
Ecuador	Monte Negro	Turkey
Egypt	Marocco	Ukraine
El Salvador	Mozambique	United Arab Emir.
Estonia	Nepal	Uzbekistan
Greece	Pakistan	Venezuela
Indonesia	Palestine	
Iran	Paraguay	

105th FAI General Conference

FAI

CIACA Worldwide

- Today:
Worldwide aircraft homebuilders-communities
- CIACA-Organized: **Not yet CIACA:**
- 29 Countries **60 Countries**
- >100'000 Members **>150'000 Builders**
- We involve young people - we educate.

105th FAI General Conference

FAI

Competition Objects:

Achievements of Targets with
Homebuilt / Experimental Aircraft:

- New Technologies
- New Powersources
- Quality of Construction
- Beauty
- Complexity



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Competition: Homebuilt Aircraft

- 1 Existing National Competitions
- 2 Collect existing competition parameters
- 3 Communicate a General Code CIACA

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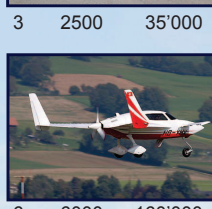
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Education: Building an Aircraft

- 1st -Dream – Desire –Decision
- Buy Material – Equipment
- Aero-Dynamics
- Building Structure / Fuselage
- Engine-Installation
- Electrics – Electronics
- Hydraulics – Undercarriage
- Interior - Paint the Aircraft
- +Social education with cobuilders
- +Family consent - cooperation



3 2500 35'000

6 6000 160'000

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**We involve young people.
We keep the flame going + educate**



From
Technical Commission
To
Air Sports Commission

Commission Internationale des Aéronefs de Construction Amateur

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