

# **FAI** **Annual** **Report** **2012**

FAI – Fédération Aéronautique Internationale  
FAI – The World Air Sports Federation

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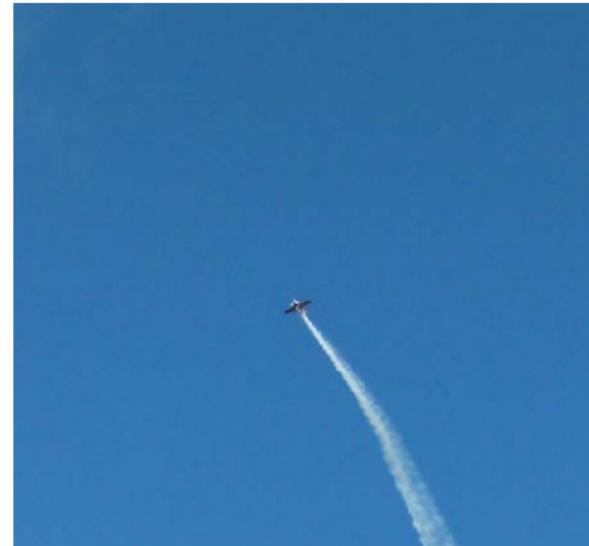
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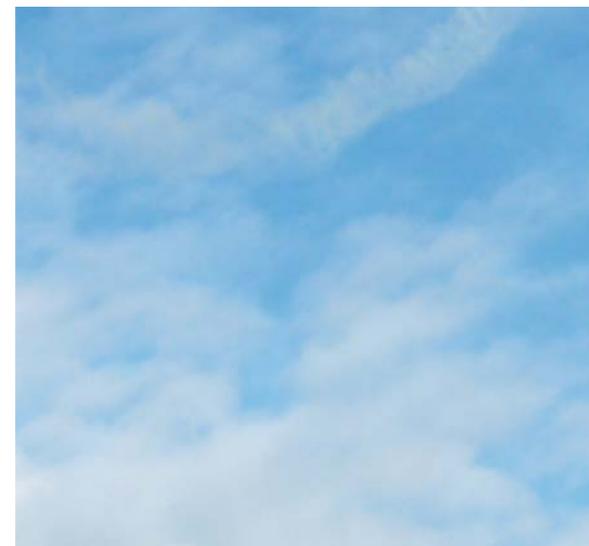
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## About the FAI

The Fédération Aéronautique Internationale, FAI – The World Air Sports Federation, was founded in 1905. It is a non-governmental and non-profit making international organisation recognised by the IOC with the basic aim of furthering aeronautical and astronautical activities worldwide, ratifying international records and coordinating the organisation of international competitions. After over a century of steady growth, FAI is now an organisation of more than 100 member countries, forming a strong network linking all those who participate in air sports worldwide.



## President's Foreword



There is little doubt that 2012 will be remembered as a year of significant challenges, changes and successes for the FAI and the air sports community. The outstanding performances of our athletes in a great variety of competitions, the new sponsorship by Breitling, the creation of the FAI Air Sports Marketing and Events company FAME, the work achieved in Anti-Doping and the worldwide impact of Felix Baumgartner's world record jump from the edge of space are just a few examples to prove it.

Indeed, amongst all the great events that punctuated the year, the feat achieved by the parachutist Baumgartner will be engraved in the memories of millions of people. His jump, which had us all mesmerised, showed that the days of pioneers are not gone - it is an inspiration for all of us to follow our dreams.

Along the same lines, another exceptional air sport man took pride of place this year: John Dickenson, who was awarded the FAI Gold Air Medal 2011 for being at the origin of the modern hang glider.

On the competition side, the success of the Mondial 2012 (World Parachuting Championships) in Dubai, with more than 1,400 competitors, and also the many other FAI events all around the world, is truly remarkable. Furthermore, all our air sports are making moves to encourage more women and youngsters to participate in even larger numbers and to create and improve existing formats of events to thrill competitors, the media and the crowds alike.

To promote air sports, increase their visibility and attract more spectators to existing and new events are not only some of the FAI's main missions, but also its main challenges. There is room for improvement, and we must give ourselves the financial means and proper tools to reach our objectives. In that perspective, in 2012 the FAI took two decisive steps the impact of which will be felt by the whole federation for many years to come: the creation of FAME and the Regional Management Structure.

With FAME, the FAI will be able to create new or special types of competitions and ensure their promotion while finding sources of finance for their development. Our Regional Management Structure has already been implemented in two regions, namely East & South Asia and South America, and has proved successful particularly regarding the Asian Beach Games and the recruitment of new Members in Asia. It aims to establish regional presence to better promote air sports and the FAI, and to improve our service to FAI Members.

Our objective for the future is to make use of these two levers for growth to reach tangible results in the short term. Our new sponsorship agreement with Breitling, a highly respected Swiss watch brand we are very proud to be associated with, will certainly also contribute to moving the FAI forward.

Other 2012 initiatives such as the creation of the Expert System will bear fruit in the future. The topics dealt with by our new Expert Groups include the improvement of our database, the development of real time tracking at events, the response to shrinking airspace for air sports activities and the collaboration with EASA through Europe Air Sports to find solutions to reach the highest affordable safety levels.

A much-discussed topic in the air sports community in 2012 was Anti-Doping. I would like to remind you here of the main reasons for, and advantages of, Anti-Doping within our federation. Indeed, this is much more than just about applying anti-doping rules; firstly, we want fair competition between all our athletes; secondly, our compliance with the World Anti-Doping Agency procedures is one of the requirements for IOC recognition. Such recognition is essential for the FAI and its Members as it allows participation in multi-sports events such as The World Games or the Asian Beach Games. IOC recognition also means being part of the Olympic family and promoting the Olympic values to which the FAI, host cities, sponsors and financial partners attach great importance.

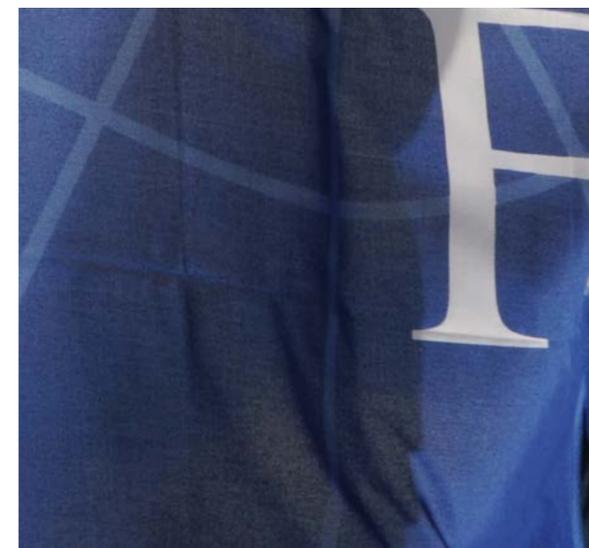
I take this opportunity to welcome our new Members: Jordan (Active); Panama, St Kitts and Nevis, Tunisia, Uruguay (Associate); Vietnam (Temporary); COLPAR (International Affiliate).

But let us not forget that many of these achievements could not have happened without the dedication of the event organisers, the volunteers and the FAI Head Office staff who provided their time and energy to our air sports and the FAI. Thank you to all of you!

Please enjoy this new Annual Report format and let us know what you think of it!



Dr. John Grubbström  
FAI President



# Air Sport Commissions Aerobatics CIVA

[www.fai.org/aerobatics](http://www.fai.org/aerobatics)

→ [CIVA YOUTUBE CHANNEL](#)



No less than 5 world and continental Aerobatics championships took place in 2012 with a growing total number of pilots, to the benefit of competition level Aerobatics. Since there are numerous possibilities in Aerobatic competitions, the Commission is looking into ways of creating new competition formats in collaboration with FAME. Efforts are also put into facilitating the judges' work by developing new electronic support devices for them.

*“More and more pilots  
are participating  
in Aerobatics  
championships”*

## CHAMPIONSHIPS

- 3rd FAI World YAK 52 Aerobatic Championship in Bolshoe Gryzlovo (RUS) → [PHOTOS](#) → [VIDEOS](#)
- 10th FAI World Advanced Aerobatic Championships in Nyiregyhaza (HUN) → [PHOTOS](#)
- 15th FAI World Glider Aerobatic Championships in Dubnica nad Váhom (SVK) → [PHOTOS](#) → [VIDEOS](#)
- 3rd FAI World Advanced Glider Aerobatic Championships in Dubnica nad Váhom (SVK) → [PHOTOS](#) → [VIDEOS](#)
- 18th FAI European Aerobatic Championships in Dubnica nad Váhom (SVK) → [PHOTOS](#)

The Advanced category has continued to grow and is now the largest championships (single category); the 10th FAI World Advanced Aerobatic Championships were some of the largest FAI championships ever held with more than 80 pilots. Glider Advanced has also grown; there were 31 competitors in Glider Advanced in 2010 and 38 this year.

However the number of pilots competing in the highest category, Unlimited, has decreased in the last couple of years due to very high costs and demands. The limited number of entries also creates a financial challenge for championship organisers.

The 15th FAI World Glider Aerobatic Championships and the 3rd FAI World Advanced Glider Aerobatic Championships were held at the same time and airfield to facilitate their organisation.

The 18th FAI European Aerobatic Championships in Dubnica nad Váhom, Slovakia, became the first event at which FAI new sponsor Breitling was present. This marked the start of what we hope will be a long collaboration with FAI's Global Sponsor.

## FAI SPECIAL AEROBATIC EVENTS (FSAE'S)

The Commission is looking to work with FAME, the FAI Air Sports Marketing and Events company, on non-traditional formats of Aerobatics events.

## ARESTI CUP

The Aresti Cup, donated by Col. Jose L. Aresti of Spain to the FAI in 1964, is presented to the World Aerobatic Champion. It is the most prestigious Aerobatics award given in competition and also a work of art; it was created in silver with gold embellishments and featuring gold coins around its diameter symbolising Member Nations of the FAI.

The Aresti Cup is now under restoration. A smaller replica was presented at the Annual Meeting and handed over to the Russian Delegation to be presented to Mikhail Mamistov, the reigning World (and European) Champion from the 26th FAI World Aerobatics Championships in 2011.

## MEETING

The Delegates of the Commission met in Lausanne on 3 and 4 November 2012.



# Air Sport Commissions Aeromodelling CIAM

[www.fai.org/aeromodelling](http://www.fai.org/aeromodelling)

[→ CIAM YOUTUBE CHANNEL](#)



In 2012 the FAI Aeromodelling Commission was very active on the competition stage: a great number of FAI sanctioned events of all classes were organised in all four corners of the earth, involving – and this is Aeromodelling’s real strength - a high number of participants of all ages. For Spacemodelling it was a particularly significant year with the celebration of its 50th anniversary in the FAI, an occasion marked by the awarding of special diplomas.

## CHAMPIONSHIPS & EVENTS

- 2012 FAI World Championships for Scale Model Aircraft at Santa Cilia Airfield (ESP) [→ PHOTOS](#) [→ VIDEOS](#)
- 2012 FAI World Championship for Soaring Model Aircraft in Johannesburg (RSA) [→ PHOTOS](#) [→ VIDEOS](#)
- 2012 FAI World Championships for Free Flight Model Aircraft in Belgrade (SRB) [→ PHOTOS](#)
- 2012 FAI World Championships for Control Line Model Aircraft in Pazardzik (BUL)
- 2012 FAI World Championships for Space Models in Liptovsky Mikulas (SVK) [→ PHOTOS](#)
- 2012 FAI World Championships for Electric Model Aircraft in Buzau (ROU)
- 2012 FAI World Championship for Soaring Model Aircraft in Kap Arkona, Rügen (GER) [→ PHOTOS](#)
- 2012 FAI Junior World Championships for Free Flight Model Aircraft in Mengesko-Kamnisko polje (SLO)

7 continental championships (5 European, 1 Asian and 1 Asian-Oceanic) took place in 2012.

In addition to the world and continental championships, more than 300 Category 2 events which include world cups, international or open events were held all around the world.

## 50TH ANNIVERSARY OF SPACEMODELLING IN THE FAI

In celebration of the 50th Anniversary of Spacemodelling in the FAI, organisations and individuals that have greatly contributed to the development of this activity were awarded the “50th Anniversary of Spacemodelling in the FAI” Diploma. The Awards Ceremony took place on Friday 20 April 2012 in Lausanne, Switzerland, in the presence of FAI President John Grubbström who presented the diplomas to the recipients, together with CIAM Space Modelling Sub-Committee Chairman Srdjan Pelagic.

## SCHOLARSHIP

The Aeromodelling Scholarship may be awarded to one appropriately qualified person between the ages of 16 and 21 in the year of nomination to help with the education of the successful nominee.

Three candidates submitted applications for the second Aeromodelling scholarship which is worth €2,000.

The Selection Committee unanimously voted to award it to Johannes Seren from Germany.

## TROPHIES

The New Zealand National Airsport Control offered two new trophies (individual and team) to be awarded for the F3K (Hand-launched Gliders) world championships.

## MEETINGS

The Annual Meeting of the Commission took place in Lausanne, Switzerland, on 20 and 21 April 2012. It was preceded by a Bureau Meeting on 19 April 2012. The Bureau met for a second time on 7 and 8 December 2012 at the same location.

*“Numerous well-attended and successful championships in a variety of classes”*

# Air Sport Commissions Amateur Built & Experimental Aircraft CIACA

[www.fai.org/amateur-built-and-experimental-aircraft](http://www.fai.org/amateur-built-and-experimental-aircraft)  
→ [CIACA YOUTUBE CHANNEL](#)

2012 was the first year in which the FAI Amateur Built and Experimental Aircraft Commission met after becoming an Air Sport Commission. This conversion is significant and implies a change of philosophy, as the Commission must now look to organise competitions, oversee records and take a leading role in the development of new CIACA disciplines.

This new status has sparked a lot of new exciting ideas and projects within the Commission, which has the unique opportunity to develop a new and very promising sport from the very beginning. The first human-powered aircraft event sanctioned by the FAI is already on the horizon for 2013, but many other types of events are currently being considered.

Apart from developing new activities and competitions, the Commission aims to widen its presence amongst the FAI Members all around the world.

## EVENTS

In most Member Countries there are fly-ins which include contests that are based on the following criteria:

- Most beautiful home built Aircraft
- Best plan-built Aircraft
- Best kit-built Aircraft
- Most innovative Aircraft
- Outstanding Workmanship
- Longest Distance to join the Fly-in
- Best-built Rotorcraft
- Best Restoration



The first FAI sanctioned human-powered aircraft competition is planned to take place in England in 2013.

The Commission is working with the FAI General Air Sport Commission (CASI) to develop rules for this event, as well as for activities and competitions linked to the following types of planes:

- Solar & Human-powered
- Kit-built
- Restored & Historical
- Electrical, Economic & Liquid Gas
- Prototypes

Rules will have to determine the exact nature for such competitions, for example duration or distance.

## RECORDS

The Solar-Impulse project of flying a solar-powered aircraft around the world has created a new challenge for the Commission and CASI, as well as for the rules regarding this new type of flights. The Commission is working on developing the rules to accommodate not only Solar Impulse but also other forms of solar flights, as it is an area which will only grow in importance.

## WORKING GROUPS

Three Working Groups were founded to work on specific projects and make proposals to the Commission:

- Education, including Finance
- New Power Sources and Technologies
- CIACA Sporting Code

## MEETING

The Delegates of the Commission met in Friedrichshafen, Germany, on 22 April 2012.



*“A unique opportunity  
to develop a new and  
very promising sport”*

# Air Sport Commissions Ballooning CIA

[www.fai.org/ballooning](http://www.fai.org/ballooning)

[→ CIA YOUTUBE CHANNEL](#)



For the last few years the FAI Ballooning Commission has been encouraging the participation of women and juniors in competitions. The newly created junior event category was very well received, as confirmed by the success of the 1st FAI Junior World Hot Air Balloon Championship in 2012. The high level of participation in this event, along with that of the second edition of the Women's FAI European Championship, is a sign that competitive ballooning is growing and promises a significant increase in the number of new competitors taking part in continental and world championships in the future.

## CHAMPIONSHIPS & EVENTS

- 56th Coupe Aéronautique Gordon Bennett in Ebnat-Kappel, Toggenburg (SUI) [→ PHOTOS](#)
- 20th FAI World Hot Air Balloon Championship in Battle Creek, Michigan (USA) [→ PHOTOS](#)
- 1st FAI Junior World Hot Air Balloon Championship in Marijampole (LTU) [→ PHOTOS](#)
- 2nd FAI Women's European Hot Air Balloon Championship in Frankenthal (GER) [→ PHOTOS](#)

As well as these world and continental championships, 4 other international events sanctioned by the FAI took place in 2012.

## YOUTH CAMP

The Commission agreed to support the 12th International Youth Camp in Stuttgart, Germany, with a donation of 2000 Euros to assist in the promotion and operation of the camp.

The camp welcomes all young people who want to fly in a balloon and experience a summer tent youth camp in Germany. The program consists of activities such as hot-air and gas ballooning, balloon chasing and retrieving, introduction to the safety of ballooning and model ballooning.

*"Women and juniors are encouraged to participate in Ballooning competitions"*

## CIA COMPETITION LOGGERS

The CIA competition loggers are very appreciated by competitors, officials and organisers. Due to the high demand for these devices at many international and national Ballooning sporting events, the Commission completed the purchase of their target number of 120 CIA competition loggers to enable it to supply the largest CIA championship events.

## CIA HALL OF FAME

The Selection Committee of the CIA Hall of Fame, which recognises those who have made significant contributions to Ballooning (including those who have excelled in business, history, design and engineering, in addition to those better known for their contributions in flying balloons or airships of any category, in competition or records), accepted the new following nominations:

- Tom Sheppard, USA
- Janet Folkes, GBR (posthumous)
- Isaburo Yamada, JPN (posthumous)

The 2011 inductees are:

- Thomas Sheppard, USA
- Tony Fairbanks, USA (posthumous)

## MEETINGS

The 2012 Annual Meeting of the Commission was held on 23-24 March 2012 in Birstonas, Lithuania. The Bureau Meeting took place at the same place on 20 and 22 March 2012.



# Air Sport Commissions General Aviation GAC

[www.fai.org/general-aviation](http://www.fai.org/general-aviation)

→ [GAC YOUTUBE CHANNEL](#)



2012 will go down as a milestone for the FAI General Aviation Commission with the first ever International Air Navigation Race, a public and media friendly competition. This new type of competition, combined with the creation of a second competition category in Rally Flying and the reduced length of navigations is part of a wider strategy of the Commission to entice new pilots and countries to join the General Aviation community.

## CHAMPIONSHIPS & EVENTS

- 18th FAI World Rally Flying Championship in Castellón (ESP) → [PHOTOS](#)

In addition to the world championship, the following General Aviation events took place in 2012:

- 1st International Air Navigation Race in Bitburg (GER)
- 2012 ANR & PF Swiss Championships in Alpnach (SUI)

## RALLY AND PRECISION FLYING

The Commission decided to create a second class in Rally Flying with the aim of attracting new competitors and countries to international events. This would allow newcomers to gradually progress, gain experience and improve their skills and then to upgrade to top level competition.

## AIR NAVIGATION RACE (ANR)

The 1st International Air Navigation Race took place in Bitburg, Germany. It is a type of parallel slalom for two to four planes with competition rounds from quarter finals onwards. Each crew is assigned a narrow corridor and receives penalties for flying outside of the boundaries and for time gaps when crossing the start line and finish line. The competition can include a precision landing contest.

The rules for the ANR have been designed to be easy to understand by pilots as well as by media and spectators. The departure of several aircraft at the same time, the real-time display of penalty points and tracking of parallel slaloms and the short duration of each round (completed in about 15 minutes) make the competition exciting for the pilots and the crowd alike.

Each team can train for ANR flights at their home base using the ANR Scoring & Visualisation Software available for download on the FAI website at [www.fai.org/gac-our-sport/air-navigation-race](http://www.fai.org/gac-our-sport/air-navigation-race). This allows newly licensed pilots to practise this form of air racing in their own aircraft. ANR competitions, as well as that of all types of General Aviation, help pilots to quickly improve their skills to ultimately make them better and safer pilots.

ANR demonstrations will be introduced in 2013 at the 9th FAI European Rally Flying Championship in Slovakia and at the 21st FAI World Precision Flying Championship in Germany.

## RECORDS

Electric-powered airplane records were made part of the General Aviation Sporting Code, which allows aircraft that are propeller driven and powered solely by an electrical motor to establish records ratified by the FAI.

## MEETING

The Members of the Commission met in Larnaca, Cyprus, on 3 November 2012.



*"The 1st International  
Air Navigation Race  
was organised  
this year"*

# Air Sport Commissions Gliding IGC

[www.fai.org/gliding](http://www.fai.org/gliding)

→ [IGC YOUTUBE CHANNEL](#)

→ [IGC TWITTER](#)

2012 was a prosperous year on Gliding airfields with a significant increase in the number of competitions. The running of the most important event of the year, the 32nd FAI World Championships in Uvalde, USA, was entirely satisfactory with record speeds and distances flown in the extraordinary conditions the venue provided. Aside from these championships, the Commission, in collaboration with OSTIV, has increased its focus on safety at events in the recent years, and the creation of the OSTIV Safety Award in 2012 was a major achievement of the efforts in that field.

## CHAMPIONSHIPS & EVENTS

- 32nd FAI World Gliding Championships in Uvalde, Texas (USA) → [PHOTOS](#) → [VIDEOS](#)
- 3rd FAI South American Gliding Championships in Adolfo Gonzalez Chávez (ARG)

The 32nd FAI World Championships in the Open, 18 meter, and 15 Metre classes in Uvalde featured extraordinary soaring conditions that enabled 13 contest days. Task lengths were set daily with long distances flown, sometimes exceeding 700 km. The speeds achieved were very high, with the fastest average speed on one day at 161 km/h.

As for the 3rd FAI South American Gliding Championships, the competition provided the opportunity for pilots to learn about the local conditions and topology ahead of the 32nd FAI World Gliding Championships, in World, Standard and Club classes in 2013.

Apart from these 2 world and continental championships, more than 80 FAI sanctioned Gliding events took place in 2012.



## FAI WORLD SAILPLANE GRAND PRIX SERIES

The following qualifying events for FAI World Sailplane Grand Prix series of 2012-2013 took place in 2012:

- Lake Keepit (AUS)
- Potchefstroom (RSA)
- Ghimbav-Brasov (ROU)

The final will be competed in May 2014 at the 2014 FAI World GP Gliding Championship in Sisteron, France.

## ON-LINE CONTEST

The activity level for the On-Line Contest (OLC), the world's largest decentralised soaring contest, continued at a very stable level in 2012 with 14,083 participants achieving a total distance of 29,539,927 km.

## SAFETY

The Safety Pays Working Group, tasked with trying to find innovative ways to focus competition pilots on safety, enacted its first initiative in 2012 with the creation of the OSTIV Safety Award. This award was established in time for the 32nd FAI World Gliding Championships in Uvalde, USA. Pilots were given a list of safety features for the sailplane and their personal abilities and points were awarded during the pre-competition examination period. The winner of the 2012 OSTIV Safety Award was Wolfgang Janowitsch from Austria.

## MEETINGS

The Delegates of the Commission met in Potchefstroom, South Africa, from 2 to 3 March 2012. The Bureau Meeting took place in Frankfurt, Germany, on 20-21 October 2012.



*"2012 saw a  
significant increase  
in FAI sanctioned  
Gliding events"*

# Air Sport Commissions Hang Gliding & Paragliding CIVL

[www.fai.org/hang-gliding-and-paragliding](http://www.fai.org/hang-gliding-and-paragliding)  
→ CIVL YOUTUBE CHANNEL



In both Hang Gliding and Paragliding, activity was strong in 2012 with more than 8,500 pilots registered in the World Ranking Database to compete in almost 300 FAI sanctioned events. The growing interest for these air sports is particularly visible in the Eastern part of the globe, which saw for the first time Asian Paragliding Accuracy pilots test their skills at a continental Championship.

## CHAMPIONSHIPS & EVENTS

In 2012 the Commission oversaw 5 Category 1 events:

- 18th FAI European Hang Gliding Class 1 Championship in Kayseri (TUR) → [PHOTOS](#)
- 3rd FAI Asian Paragliding Championship in Linzhou (CHN)
- 1st FAI Asian Paragliding Accuracy Championship in Wai-ao (TPE)
- 3rd FAI European Paragliding Accuracy Championship in Ohrid (MKD) → [PHOTOS](#)
- 12th FAI European Paragliding Championship in Saint-André-Les-Alpes (FRA) → [PHOTOS](#)

In addition, a total of 217 Paragliding and 64 Hang Gliding Category 2 events were held in 2012, including 4 Test Events for world championships and the 2013 World Games.

## WORLD XC ONLINE CONTEST (WXC)

The Commission has been running World XC Online contest as a test for some years and 2011 was the first official contest season. The 2012 season which ended on 30 September had approximately 6,000 pilots participating in 14 national and international online contests, with pilots from 65 nations and about 70,000 flights (tracklogs) this season alone. The longest registered flight was 332 km.

## SAFETY

Paragliding safety has been the most important and debated part of the Commission's activity in the last few years. At the 2011 Annual Meeting, the Bureau decision from July 2011 to accept only certified Paragliders in Category 1 competitions was confirmed and changes in the Sporting Code were established at the Annual Meeting to enforce that decision. However the Commission also announced their intention to work towards new competition class paragliders with a target date of 2014.

Ensuring that pilots flying in Category 1 events have top level skills, finding ways of slowing down the last leg of tasks are also amongst the Commission's priorities. Proposals to the coming Annual Meeting have been made.

## RECORDS

New world and continental records have been set by pilots of various Hang and Paragliding classes in the past year, including a Hang Gliding 764 km straight flight. It is now possible to claim a continental record separately from a world record. The Commission will continue to promote continental records in the coming years.

## MEETINGS

The Members of the Commission met on 18-19 February 2012 in Yilan County, Chinese Taipei. This meeting was preceded by a Bureau Meeting on 16-17 February. The Bureau also met in November in Reykjavik, Iceland.

*"More than 8500 pilots  
competed in almost 300  
FAI sanctioned events"*



# Air Sport Commissions Microlights & Paramotors CIMA

[www.fai.org/microlight-and-paramotor](http://www.fai.org/microlight-and-paramotor)

→ [CIMA YOUTUBE CHANNEL](#)

Spain hosted the 13th FAI World Microlight Championships in early August 2012 at Marugán to the west of Madrid, followed by the 7th FAI World Paramotor Championships in the same location in late August. The general consensus among participants in both events was that they were possibly two of the best world championships ever. The first appearance of Paramotors at the Asian Beach Games also proved to be a success and was notable for the implementation of an instant scoring system.

## CHAMPIONSHIPS & EVENTS

- 13th FAI World Microlight Championships in Marugán (ESP)  
→ [PHOTOS](#) → [VIDEOS](#)
- 7th FAI World Paramotor Championships in Marugán (ESP)  
→ [PHOTOS](#) → [VIDEOS](#)

The 7th FAI World Paramotor Championships saw 119 pilots in 101 aircraft from 17 nations. Paramotors are relatively easy to transport and participant numbers are on the increase; this year the championships included competitors for the first time from India and Malaysia.

The 13th FAI World Microlight Championships were well attended with 91 pilots in 49 aircraft from 12 nations. It saw the introduction of the Microlight Autogyro classes which gave Autogyro pilots their first ever opportunity to compete for FAI medals. The consensus among organisers, officials and pilots was that this was a success; they flew all the same tasks as the other classes and generally integrated very well into the event with no need for any special arrangements to be made.

- 3rd Asian Beach Games in Haiyang (CHN)

The 3rd Asian Beach Games was the first foray by the Commission into the world of multi-sport games with the Paramotor event, which was granted Category 1 status.

The Games were generally considered a great success. There were well over 1,000 athletes in the 13 different sports which made up the Games; 30 pilots from 7 nations competed in the 5-day Paramotor event.



## *“Successful introduction of instant scoring system”*

A new scoring system developed with Swiss Timing was used for the first time. It displayed a pilot's performances on large screens the moment they passed the finish line, maintained the general scoring, and could simultaneously insert appropriate captions into live TV feeds. This increased the interest to spectators, especially in the final task where it came down to the last person who landed being awarded a gold medal.

On top of these competitions, 7 Category 2 events took place in 2012.

## WORLD LEAGUE CUP

The Commission introduced this new concept at its 2010 Annual Meeting on a continental basis, initially just for Paramotors. The objective is to encourage pilots to travel more between open national events by linking their results. The Commission Annual Meeting extended its support for the concept into 2012, still just for Paramotors, but on a world basis. 163 pilots from 22 nations participated in 6 events, two of them in Asia.

## MEETING

The Delegates of the Commission met from 8 to 10 November 2012 in Lausanne, Switzerland.



# Air Sport Commissions Parachuting IPC

[www.fai.org/parachuting](http://www.fai.org/parachuting)

→ [IPC YOUTUBE CHANNEL](#)

2012 saw the largest ever Parachuting competition with the Mondial in Dubai. The combined factors of the high participation, favourable weather conditions, high quality of the infrastructure, the impressive level of the competition and the presence of every single parachuting competitive discipline contributed to the great success of this event, which will serve as a benchmark for future Parachuting competitions. Parachuting was also on everyone's lips this year thanks to the extraordinary feat achieved by Felix Baumgartner who jumped from a pressurised capsule attached to a helium balloon from the edge of space, thus breaking the Exit Altitude, Vertical Distance of Freefall and Maximum Vertical Speed world records. On the event organisation side, the FAI Parachuting Commission created IPETA (International Parachuting Events & Tours Association) to implement a Canopy Piloting World Series.

## CHAMPIONSHIPS & EVENTS

- European Championships and World Cups in Formation Skydiving and Artistic Events in Prostějov (CZE)

→ [PHOTOS](#) → [VIDEOS](#)

The competition was smoothly run; OmniskoreHD, a new scoring system which provides the judges with a high quality judging image, was successfully introduced.

- Mondial 2012 – FAI World Parachuting Championships in Dubai (UAE) → [PHOTOS](#)

Artistic Events → [VIDEOS](#), Canopy Formation → [VIDEOS](#), Canopy Piloting, Formation Skydiving → [VIDEOS](#) and Freefall Style & Accuracy Landings were on the programme of the competition.

Para-ski and Speed Skydiving were present as demonstration and test disciplines.

57 delegations and a total of 1,480 competitors made 11,408 jumps during the event.



## *“The Mondial 2012 was the largest ever Parachuting competition”*

Aside from these competitions, the 2013 World Games Test Event took place in Cali, Colombia, featuring the Parachuting discipline of Canopy Piloting; as well as 2 regional events.

## IPC WORLD RANKING LISTS

Ranking lists based on countries' standings were established for all championships and all parachuting disciplines to encourage greater participation and National Air Sports Controls (NACs) to organise more regional championships. The objective is to give jumpers outside Europe the possibility to compete and countries to be ranked without having to travel outside their region.

The points earned by the NACs after each championship depend on:

- The results of the event
- The importance of the event
- The year the event took place

## IPETA

The Commission created the International Parachuting Events & Tours Association (IPETA), a commercial enterprise so that non-traditional IPC events such as a world series competition for Canopy Piloting could be promoted commercially.

## INDOOR EVENTS – WIND TUNNEL

The growing success of indoor events, their media friendly format and the new possibilities they offer in terms of records led the Commission to establish a Working Group to assess the possibility for integration into IPC.

## MEETING

The Annual Meeting of the Commission took place on 11-12 February 2012 in Buenos Aires, Argentina.



# Air Sport Commissions Rotorcraft CIG

[www.fai.org/rotorcraft](http://www.fai.org/rotorcraft)

→ [CIG YOUTUBE CHANNEL](#)

Offering exciting events to competitors and spectators alike, providing more opportunities for helicopter schools and encouraging young people to enter competitions were the main objectives of the FAI Rotorcraft Commission in 2012. These were fulfilled in two ways: firstly by the success of the 14th FAI World Helicopter Championship where the pilots impressed the large crowd by demonstrating their talents in classic tasks and, for the first time, in Helicopter Racing; and secondly by the creation of the FAI On-line Helicopter Competition which gives the opportunity to Helicopter pilots – and in particular to youngsters – from all around the world to pit their skills against each other in an exciting and easy to organise competition.

*“The 14th FAI  
World Helicopter  
Championship was  
a great success”*

## CHAMPIONSHIP

– 14th FAI World Helicopter Championship at Drakino Airfield (RUS) → [PHOTOS](#) → [VIDEOS](#)

Both the Opening and Closing Ceremonies were well attended by the public. The competition attracted the return of China and Poland with the first participation by Belgium and the Netherlands. The presence of young pilots was welcomed, the youngest competitor being 17 years old.

## HELICOPTER RACING

The 14th FAI World Helicopter Championship included the launch of Helicopter Racing. This new type of competition



will be further developed thanks to the great interest and warm reception by the competitors and the crowd.

## FAI ON-LINE HELICOPTER COMPETITION

In April 2012, the FAI On-line Helicopter Competition ([www.fai.org/cig-our-sport/fai-on-line-helicopter-competition](http://www.fai.org/cig-our-sport/fai-on-line-helicopter-competition)) was launched. Its concept is deliberately simple: a crew consisting of a pilot and a single bucket operator issue a challenge by internet or direct email to another crew outside the challenger's country. If the challenge is accepted, the crews agree on a date for the challenge to take place. A CIG International Judge or a National Airsport Control (NAC) representative observes and ratifies the challenge to ensure that the rules are respected. The full details and the photographic evidence are sent by each crew to the CIG-Official Judge and to their opponents. Once approved, the results are published on the FAI/CIG web page.

There is no limit to the number of challenges that a crew can make in the course of a calendar year, provided that the number of scored attempts in the same day is not greater than three.

## HELICOPTER EMERGENCY MEDICAL SERVICE (HEMS) AWARD

The Commission is developing the possibility of promoting a concept of special FAI recognition of leading hospitals and their respective helicopter crews, jointly with the FAI Medico-Physiological Commission. Proposals will be made by the two Commissions for the criteria for FAI Recognition by way of a diploma or plaque with the criteria being reassessed every 4 years. The award proposal will be brought forward after March 2013.

## MEETINGS

The 2012 Annual Meeting of the Commission was held on 8 and 9 March 2012 in Lausanne, Switzerland. The Bureau Members met in Drakino, Russia, on 24 and 25 August 2012.



# Air Sport Commissions Astronautic Records ICARE

[www.fai.org/astronautic-records](http://www.fai.org/astronautic-records)



The subjects discussed by the FAI Astronautic Records Commission in 2012 were noticeably different from previous years after the termination of the Space Shuttle program. Discussion took place on the various private initiatives in space exploration and servicing the International Space Station.

## SERGEY KRIKALEV'S WORLD RECORD

Russian pilot-cosmonaut Sergey Krikalev gained the world record of Accumulated Space Flight time [→ WEB](#) by spending in total 803 days 9 h 39 min 9 sec in space within the period from 1988 to 2005.

This space flight time was achieved during his flights on board the orbital station "MIR" (Russia), Space Shuttles "Discovery" and "Endeavour" (USA), the International Space Station and manned transport vehicles "Soyuz TM" and "Soyuz TMA". This record was completed on 11 October 2005 after his sixth space flight.

Despite the record claim not adhering strictly to the Sporting Code, the Commission was particularly keen to recognise his performance and ratified the world record which hasn't been superseded as at 2012.

*"Krikalev's record  
of Accumulated  
Space Flight Time  
was ratified"*

## DOWN-WEIGHT

The Commission discussed research into the problem of down-weight – bringing waste back to Earth. While most spacecraft are designed to carry loads into space, many are incapable of returning unwanted objects back to Earth. There are numerous initiatives around the world addressing this problem.

## MEETING

The Annual Meeting of the Commission took place in Lausanne, Switzerland, on 27 April 2012.



# Air Sport Commissions Air Sport General Commission CASI

[www.fai.org/general-air-sport](http://www.fai.org/general-air-sport)

In 2012 the FAI Air Sport General Commission continued in its role to further the unity of all air sports within FAI through the implementation of the FAI Statutes, By-Laws and Sporting Code.

Its specific mandate includes:

- Seek to further the development of air sports
- Establish and keep current the General Section of the Sporting Code
- Advise the General Conference on appropriate measures to develop and encourage air sports which appear to be outside the mandate of existing FAI Commissions
- When so directed by the Executive Board, serve as the FAI final court of appeal in all disputes or difficult cases concerning international sporting events and record attempts
- In the event of an appeal against a decision relating to a dispute of a sporting nature, investigate whether the appeal should be accepted and, if in the affirmative, establish an International Appeals Tribunal
- Carry out other tasks related to air sports as assigned by the General Conference or the Executive Board

## INTERNATIONAL APPEALS TRIBUNAL

The Commission is revamping the FAI appeals procedure and has drafted an Appeals Procedures Manual to give clear instruction to the tribunal as to how to conduct its work. The Manual will be further reviewed in 2013.

## FAI MEDAL POLICY

The Delegates agreed on a new FAI medal policy, which allows Event Organisers to use FAI medals or medals from their own suppliers providing that they meet FAI specifications.

*"The Commission is  
working on an Appeal  
Procedures Manual"*

## ON-GOING ISSUES

2 Working Groups were created to work on:

- An International Appeals Tribunal Manual
- CASI Internal Regulations

The Working Groups will report back to the next Annual Meeting.

## CASI COMPOSITION

CASI comprises 10 members selected from the National Airsport Control organisations (NACs), and a representative from each of the Air Sport Commissions (currently 11).

The CASI NAC Members for 2012 / 2013 are as follows, listed alphabetically: Australia, Canada, Czech Republic, France, Germany, Italy, Spain, Sweden, Switzerland and USA.

## MEETING

The Delegates of the Commission met in Antalya, Turkey, on 18 October 2012, one day before the start of the FAI General Conference.

# Technical Commissions

## Airspace & Navigation Systems

### CANS



2012 was a year of change for the FAI Airspace and Navigation Systems Commission, as it saw its area of work taken over by two of the newly created Expert Groups, the Airspace Expert Group and the Navigation Expert Group. The dissolution of the Commission, which followed the new FAI strategy to create management tools servicing the FAI Executive Board and the whole community, formally took place at the FAI General Conference.

#### INTERNATIONAL COMMITTEE ON GNSS (ICG)

The FAI became an Associate Member of the International Committee on GNSS (ICG), which deals with GNSS systems such as GPS and with Satellite-Based Augmentation Systems (SBAS).

#### INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)

Following the observation that ICAO recommendations to Authorities such as the Federal Aviation Administration (FAA) and the European Aviation Safety Agency (EASA) were crucial but often did not take general aviation and sport aircraft into account, the decision was taken to improve the relationship between the FAI and ICAO. This matter was transferred to the new appropriate Expert Group which resulted in an official letter to the ICAO President.

#### MEETING

The last Annual Meeting of the Commission took place on 25 and 26 April 2012 in Lausanne, Switzerland.

# Technical Commissions

## Aviation & Space Education

### CIEA



[www.fai.org/education](http://www.fai.org/education)

The FAI Aviation and Space Education Commission is constantly striving to disseminate aeronautical and astronautical information, especially amongst the young. Besides the successful FAI Young Artists Contest, which each year rewards youngsters between the ages of 6 and 17 for their artwork, the Commission is studying the education programs already implemented in some countries in order to apply them on an international level. Various steps have been taken to streamline and unite these programs into an international format, which can be adapted to the language and culture of the FAI Member Countries.

#### EDUCATIONAL MATERIALS EXCHANGE & COLLABORATION

The collaboration with other Commissions such as the FAI Aeromodelling Commission opens a wide range of new possibilities to promote air sports activities amongst young people. Several projects currently in existence on a national level are being considered for implementation by the FAI for its FAI Members. Aeromodelling is particularly attractive to young people as it allows them to easily build and decorate models. The Commission is also cooperating with other Air Sport and Technical Commissions such as the FAI Amateur Built and Experimental Aircraft Commission, the FAI Astronautic Records Commission and the FAI Environmental Commission and is expanding its efforts internally and externally.

#### RECOMMENDED MUSEUMS PROGRAM

The application of the National Model Aviation Museum ([www.modelaircraft.org/museum/museuminfo.aspx](http://www.modelaircraft.org/museum/museuminfo.aspx)) to be part of the FAI Recommended Museums Program was approved by the Delegates at the General Conference.

The National Model Aviation Museum is located in Muncie, Indiana (USA). It tells the story of model aviation and of the people involved from the 18th century onwards and displays archives, library material and a collection of objects.

The Commission voted to restructure the Recommended Museums Program with the aim of increasing participation and clarifying the education programs.

#### FAI YOUNG ARTISTS CONTEST

The theme of the 2012 FAI Young Artists Contest was "Silent Flight". It was once again a great success with participants from 14 FAI Members. The winners for the 3 age categories were chosen by the Jury at the Annual Meeting of the Commission – all of them received an FAI Gold, Silver or Bronze Medal. Results can be found on pages 36 – 37 and the artworks at [www.fai.org/ciea-projects/fai-young-artists-contest](http://www.fai.org/ciea-projects/fai-young-artists-contest).

#### PROJECTS

In cooperation with the International Air Cadets Exchange (IACE), the Commission is working to expand new programs adapted to age groups:

- "Why Fly?" (all ages)
- Junior Wings (ages 14-16)
- PrepAir (ages 16-18)
- Air Corps International (ages 18-24)

#### MEETING

The 2012 Annual Meeting of the Commission took place in Lausanne, Switzerland, on 27 April 2012. The Commission is seeking the participation of more Member Countries.

*"Possibilities in matters of education are endless"*

# Technical Commissions

## Environment EnvC

[www.fai.org/environment](http://www.fai.org/environment)



In 2012 the FAI Environmental Commission continued in its mission to raise awareness of environmental issues amongst the air sport community. Several projects are on the way, including the introduction of environmental commitments by competition organisers of all air sports and the creation of an FAI Environmental Award. The Commission is also bringing its help and expertise to FAI Members to facilitate the distribution of environmentally-oriented messages and the setup of projects in that field.

### COMPETITIONS

The Commission continued discussing a way to make competitions more environment-friendly.

In accordance with the FAI Environmental Code, the FAI Gliding Commission already requires international championship organisers to include environmental commitments signed by both the bid and an environmental leader. This improvement needs to be extended to all the Air Sport Commissions.

### FAI ENVIRONMENTAL AWARD

The creation of an FAI Environmental Award was proposed to reward individuals or organisations that have contributed significantly to the defence of and respect for the environment affected by air sports. The activities could include: scientific research, private, public or commercial events or activities, developed or promoted directly by pilots, sport flying clubs, National Airsport Controls or public or private bodies, such as small and medium enterprises. A written proposal will be made at the 2013 Annual Meeting of the Commission for presentation to the 2013 General Conference.



### COLLABORATION WITH INTERNATIONAL MOTOR SPORT FEDERATIONS

The purpose of the collaboration with other International Motor Sport Federations is to share knowledge and to develop joint environmental and alternative energy projects. Their 2012 Annual Meeting sketched potential projects to be implemented jointly.

### FUEL SITUATION

Discussions began with EAA (Experimental Aircraft Association) fuel experts regarding fuel emissions and continuing availability of 100LL fuel.

### MEETING

The Delegates of the Commission met on 11 February 2012 in Lausanne, Switzerland.

# Technical Commissions

## Medico-Physiological CIMP

[www.fai.org/medical](http://www.fai.org/medical)



In 2012 the FAI Medico-Physiological Commission focused on current aero-medical health issues and reviewed the development of human factors in accident reports of different air sports. On-going rulemaking processes demanded specialist opinion and advice from the Commission:

1. For EASA on the new Aeromedical Licensing System.
2. For WADA (World Anti-Doping Agency) on the adaptation of the new Anti-Doping processes.
3. CIMP initiated the deletion of a drug from the WADA prohibited list.

### AEROMEDICAL EXAMINATION

The European Aviation Safety Agency (EASA) Medical Expert Group includes Members from the CIMP Commission. Substantial arguments were brought forward in this forum to keep the new EASA Aero Medical Examination (AME) and Licensing System in some disciplines below Class II and ICAO standards, to achieve more flexibility for waivers and to minimise evaluations for air sport pilots.

The new standardised 2012 EASA Light Aircraft Pilot Licence (LAPL) has reduced some requirements. Nevertheless controversies remain; FAI is a worldwide organisation and some Delegates see this as an adverse step, instead preferring in EU a system similar to the FAA Sport Pilot Licence, which would lead to fewer groundings and less complexity and cost to air sports without hampering flight safety. Recommendations were given to produce better evidence on which regulatory policy can be based.

### ANTI-DOPING

CIMP is part of the Anti-Doping Advisory Group (ADAG). The FAI ADAG developed a specific FAI Anti-Doping Plan to be compliant with the World Anti-Doping Code. CIMP is providing medical expertise and advice, by considering requirements and specific demands for air sport athletes, reflecting the

professional aspects of aviation physiology and medicine in sports aviation. In 2012 a risk assessment was conducted in collaboration with the Air Sport Commissions and FAI Members to determine which drugs are in doubt and which air sports will be included in the 2013 FAI test plan. The plan will be officially finalised in 2013.

### WADA PROHIBITED LIST

The Commission sent a recommendation to the FAI Executive Board to remove "beta-blockers" from the WADA Prohibited List, as they were considered to bring no advantage in air sports. The request was forwarded to the WADA Executive Board and duly accepted.

### TUE PANEL

Therapeutic Use Exemptions applications (TUEs) were routinely decided by the FAI-CIMP TUE Panel.

### SAFETY

Flight safety statistics indicate areas where greater awareness is required and operations have to be improved. "Human Factors" show a need for further considerations and additional communication. In FAI competitions safety awareness is very important. Physiological factors, e.g. pilot orientation, fitness, rest periods and time management have to be observed. Reports about "G-Forces" inducing problems in aerobatic competition flying indicate i.e. the need to better observe our specific air sport environment.

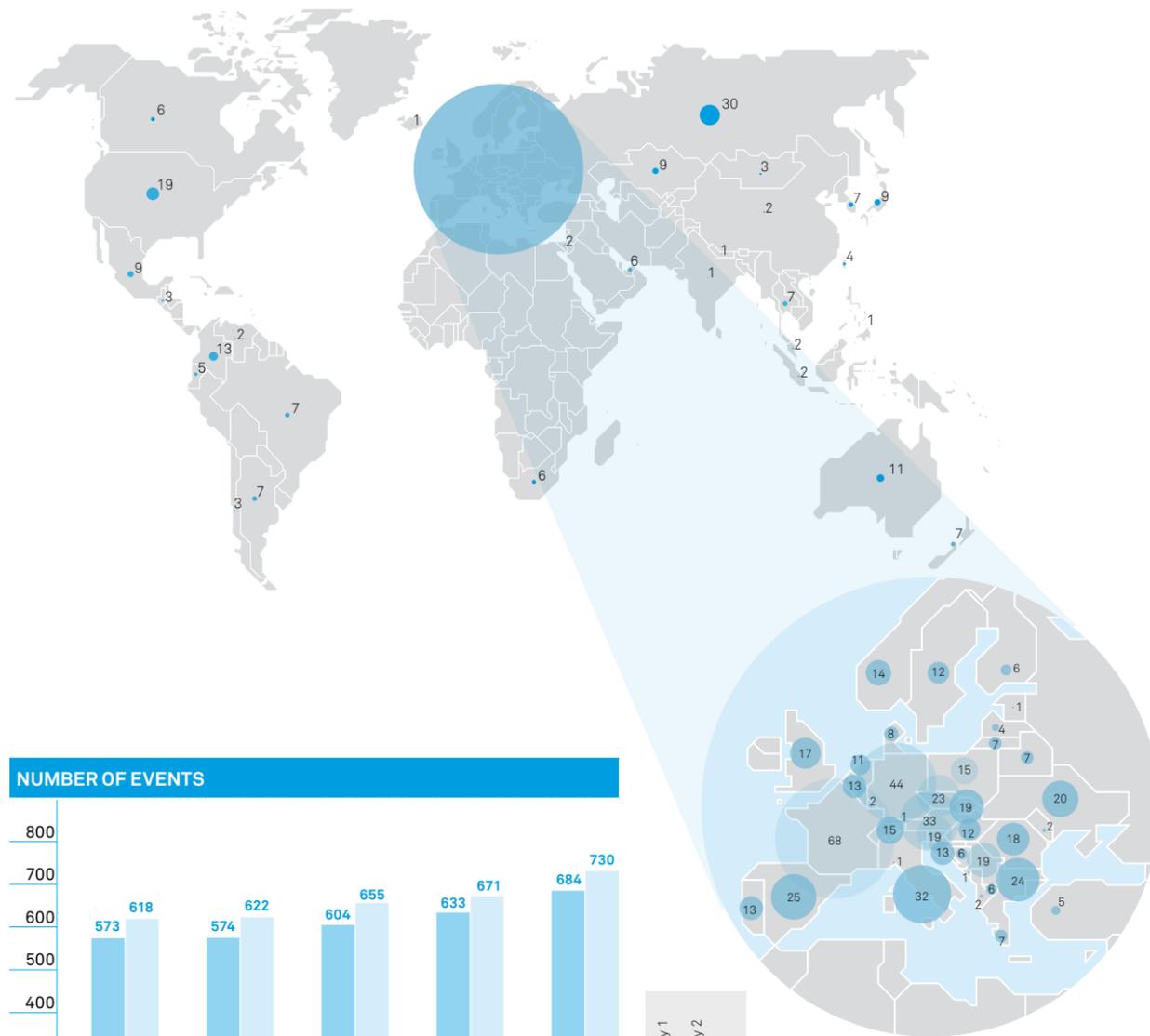
### MEETING

The 2012 Annual Meeting of the Commission took place in Lausanne, Switzerland, on 9 and 10 June 2012.

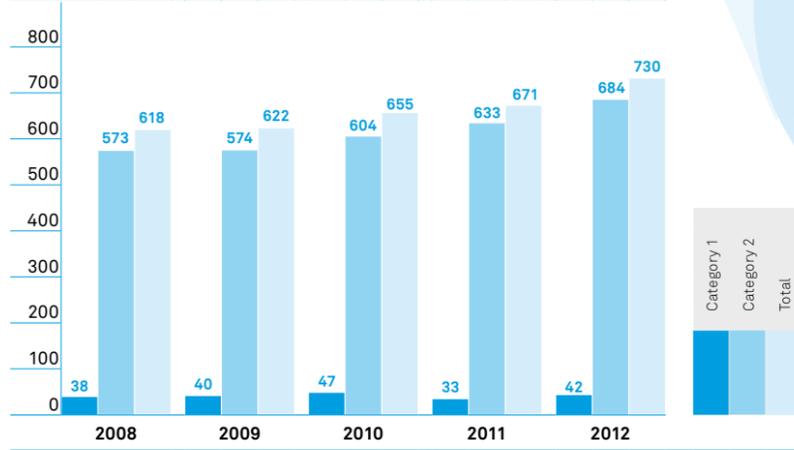
# Achievements & Statistics

## Events & Athletes Statistics

TOTAL EVENTS ORGANISED BY NATIONAL AIRSPORT CONTROLS (NACS) IN 2012



NUMBER OF EVENTS



### EVENTS BY SPORT

Sport	2008	2009	2010	2011	2012
<b>Aerobatics</b>					
World	2	3	2	3	4
Continental	2	1	2	1	1
Other Category 1 events	1	0	0	0	0
Category 2 events	1	2	0	2	0
<b>Total</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>6</b>	<b>5</b>
<b>Aeromodelling</b>					
World	4	6	7	7	8
Continental	6	7	6	5	7
Category 2 events	254	239	259	278	303
<b>Total</b>	<b>264</b>	<b>252</b>	<b>272</b>	<b>290</b>	<b>318</b>
<b>Ballooning</b>					
World	2	1	2	0	2
Continental	0	1	1	1	1
Other Category 1 events	4	5	3	1	1
Category 2 events	1	1	3	4	4
<b>Total</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>6</b>	<b>8</b>
<b>General Aviation</b>					
World	2	7	7	1	1
Continental	0	1	0	1	0
Category 2 events	6	5	2	0	3
<b>Total</b>	<b>8</b>	<b>13</b>	<b>9</b>	<b>2</b>	<b>4</b>
<b>Gliding</b>					
World	2	2	3	3	1
Continental	1	2	1	2	1
Category 2 events	41	46	51	54	83
<b>Total</b>	<b>44</b>	<b>50</b>	<b>55</b>	<b>59</b>	<b>85</b>
<b>Hang Gliding</b>					
World	3	1	3	1	0
Continental	1	0	1	0	1
Category 2 events	57	62	56	61	64
<b>Total</b>	<b>61</b>	<b>63</b>	<b>60</b>	<b>62</b>	<b>65</b>
<b>Microlights &amp; Paramotors</b>					
World	0	2	0	0	2
Continental	2	0	1	0	0
Other Category 1 events	0	0	0	0	1
Category 2 events	0	1	0	4	7
<b>Total</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>10</b>
<b>Parachuting</b>					
World	6	2	7	1	6
Continental	1	2	1	5	2
Other Category 1 events	2	3	1	4	2
Category 2 events	7	3	4	4	3
<b>Total</b>	<b>16</b>	<b>10</b>	<b>13</b>	<b>14</b>	<b>13</b>
<b>Paragliding</b>					
World	0	2	0	2	0
Continental	3	0	3	0	4
Category 2 events	205	213	227	225	217
<b>Total</b>	<b>208</b>	<b>215</b>	<b>230</b>	<b>227</b>	<b>221</b>
<b>Rotorcraft</b>					
World	1	0	0	0	1
Category 2 events	1	2	2	1	0
<b>Total</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>

### ATHLETES PARTICIPATION IN 2012 CATEGORY 1 EVENTS

Albania	1
Argentina	8
Australia	14
Austria	25
Bahrain	1
Belarus	9
Belgium	15
Bosnia and Herzegovina	2
Brazil	9
Bulgaria	11
Canada	10
Chile	2
China (People's Republic of)	13
Chinese Taipei	4
Colombia	3
Croatia	9
Cuba	1
Cyprus	5
Czech Republic	30
Denmark	15
Ecuador	1
Egypt	2
Estonia	4
FAI	1
Finland	12
France	32
FYR of Macedonia	2
Germany	32
Greece	2
Hong Kong, China	2
Hungary	18
India	4
Indonesia	2
Ireland	4
Israel	6
Italy	24
Japan	15
Jordan	1
Kazakhstan	5
Korea	4
Korea (People's Dem. Rep.)	1
Latvia	6
Liechtenstein	1
Lithuania	20
Luxemburg	2
Malaysia	2
Mexico	2
Moldova	3
Monaco	1
Mongolia	1
Montenegro	2
Netherlands	18
New Zealand	5
Norway	16
Oman	3
Philippines	1
Poland	27
Portugal	7
Qatar	2
Romania	11
Russia	33
San Marino	2
Saudi Arabia	1
Serbia	8
Singapore	1
Slovakia	15
Slovenia	16
South Africa	10
Spain	15
Sweden	17
Switzerland	26
Thailand	4
Turkey	8
UAE	3
Ukraine	22
United Kingdom	32
USA	16
Uzbekistan	1
Venezuela	2

# Achievements & Statistics

## International Records

[www.fai.org/records](http://www.fai.org/records)

In 2012, the FAI received almost 200 record claims from pilots and parachutists who all surpassed themselves to achieve amazing performances in an attempt to add their names to the list of records holders. This list includes prestigious air sport personalities such as Charles Lindbergh, Yuri Gagarin and, more recently, Bertrand Piccard and Steve Fossett.

Powered Aeroplane was the category in which most of the claims were made, followed by Hang Gliding and Paragliding, and Microlights and Paramotors. For Gliding, it was the first full season that continental records were ratified. The full list of 2012 records can be found on pages 54–57.

### Felix Baumgartner (AUT)

- WORLD RECORDS
- PARACHUTING

#### PERFORMANCE RECORDS

- Maximum Vertical Speed (without drogue)
- Exit Altitude
- Vertical Distance of Freefall

On 14 October 2012 in Roswell, USA, Felix Baumgartner was carried high up into the sky in a pressurised capsule attached to a helium balloon. He exited the capsule at an altitude of 38,969.4 m and achieved a 36,402.6 m jump during which he reached the staggering speed of 1,357.6 km/h per hour.



### André Borschberg (SUI)

- WORLD RECORDS
- EXPERIMENTAL / NEW TECHNOLOGIES

#### SOLAR-POWERED AEROPLANE

- Free Distance along a Course
- Straight Distance, pre-declared Waypoints

André Borschberg piloted Solar Impulse, a solar-powered aircraft project initiated by Bertrand Piccard, from Payerne, Switzerland, to Madrid, Spain, on a free distance along a course of 1,116 km and a straight distance (pre-declared waypoints) of 1,099.3 km, on 25 May 2012.



### Sergei Andreev and Oleg Vorobyev (RUS)

- WORLD RECORD
- AEROMODELLING AND SPACEMODELLING

#### F2C CONTROL LINE CIRCULAR FLIGHT TEAM RACING

- Race Time in Competition (200 laps)

During the 2012 FAI World Championships for Control Line Model Aircraft that took place from 25 August to 1st September in Pazardzjik (Bulgaria), Sergei Andreev and Oleg Vorobyev flew a model aircraft with Piston Motor around 200 laps in a time of 6 min 19.1 sec.

### Parmjit Singh (IND) → VIDEOS

- WORLD RECORD
- MICROLIGHTS AND PARAMOTORS

#### MICROLIGHTS : WEIGHT-SHIFT CONTROL / FOOT-LAUNCHED / FLOWN WITH ONE PERSON / THERMAL ENGINE

- Distance in a straight Line without landing

Parmjit Singh used an Aeros Discus 14 with a Radne Motor AB Raket 120 to fly a record distance in a straight line without landing of 313.13 km from Bikaner to Sanderav, India, on 17 February 2012.



### Jacques Bott (FRA)

- WORLD RECORD
- HANG GLIDING AND PARAGLIDING

#### HG WITH A RIGID PRIMARY STRUCTURE / MOVABLE CONTROL SURFACE(S)

- Out-and-return Distance

Frenchman Jacques Bott superseded the record he himself established in 2010 by covering on 30 May 2012 an out-and-return distance of 366.4 km from Serres to La Batie-Montsaléon, France, flying an Aeriane Swift Light hang glider.

# Achievements & Statistics

## Awards Ceremony

[www.fai.org/awards](http://www.fai.org/awards)

→ PHOTOS

Coming from all around the world, contributors to aviation were celebrated at the annual FAI Awards Ceremony that took place on 18 October 2012 in Antalya, Turkey, as part of the 106th FAI General Conference.

Ten awardees joined together in Antalya to be presented on stage with their prestigious FAI medals and diplomas by FAI President John Grubbström.

Two new awards were also announced by Breitling, the new Global Sponsor of the FAI:

- the Breitling Youngster Award
- the Breitling Milestone Trophy

In total, 83 medals and diplomas were awarded for achievements in 2011. Those who attended are listed on these 2 pages.

The full list of 2011 awards can be found on page 58.

### Paul Tissandier Diploma

This diploma is awarded to those who have served the cause of aviation in general and sporting aviation in particular, by their work or devotion.

#### AWARDEES :

- Arif Kemal Buhara (TUR)
- Jim Corbett (IRL)
- Vlastimil Dvorak (CZE)
- Fernando Ruiz Lucientes (ESP)
- Haluk Özil (TUR)
- Manuel Silva Salta (POR)



### FAI Gold Air Medal

This medal is one of FAI's two highest awards. It is reserved for those who have contributed greatly to the development of aeronautics by their activities, work, achievements, initiative or devotion to the cause of Aviation.

#### AWARDEE: John Dickenson (AUS)

For his great contribution to the development of aeronautics by inventing the modern hang glider.

The glider was so easy to fly that one could achieve Icarus' dream simply by running off a hill and learning on the way down. The magic of Dickenson's device is the perfect coincidence of extreme simplicity, user friendliness and imitability.



### FAI Silver Medal

It is reserved for persons who have occupied high office in FAI or in an aeronautical organisation in one of its Member Countries to the benefit of the whole international air sport community.

#### AWARDEE: Osmo Jalovaara (FIN)

For his major involvement in Finnish Aeronautics and especially in the FAI where he was Delegate for CIVA and CIEA, Vice-President of CIVA and CIEA and President of CIEA as well as CIVA judge for many years. He was also a founding member of Aerobatic Club of Finland in 1986, as well as launching and chairing a pioneering and successful campaign called "Get Your Wings" to promote aviation among school children.

### Ann Welch Diploma

This diploma is awarded to the pilot or crew of a Microlight who made the most meritorious flight which results in a Microlight world record claim ratified in the calendar year preceding the CIMA Meeting.

#### AWARDEE: Jan Bém (CZE)

For his performance of 8,072 m, homologated as the world record in Class R, category RWL2T (Altitude) on 22 March 2011 with Olga Zaluska.



### Lilienthal Gliding Medal

The diploma is awarded for a particularly remarkable gliding performance, or eminent services to Gliding, to a currently active glider pilot.

#### AWARDEE: Giorgio Galetto (ITA)

For his remarkable gliding performances, his eminent services to the sport of gliding and his devotion to air sports.



# Achievements & Statistics

## FAI Young Artists Contest

[www.fai.org/ciea-projects/fai-young-artists-contest](http://www.fai.org/ciea-projects/fai-young-artists-contest)



### Junior Category (Ages 6 - 9)

1. Lewis Hwang (USA) [painting]
2. Uma Maheswari (IND)
3. Anna Himich (UKR)

Budding artists once again shone at the FAI Young Artists Contest, a painting competition where youngsters have the opportunity to express their talent and passion for flight.

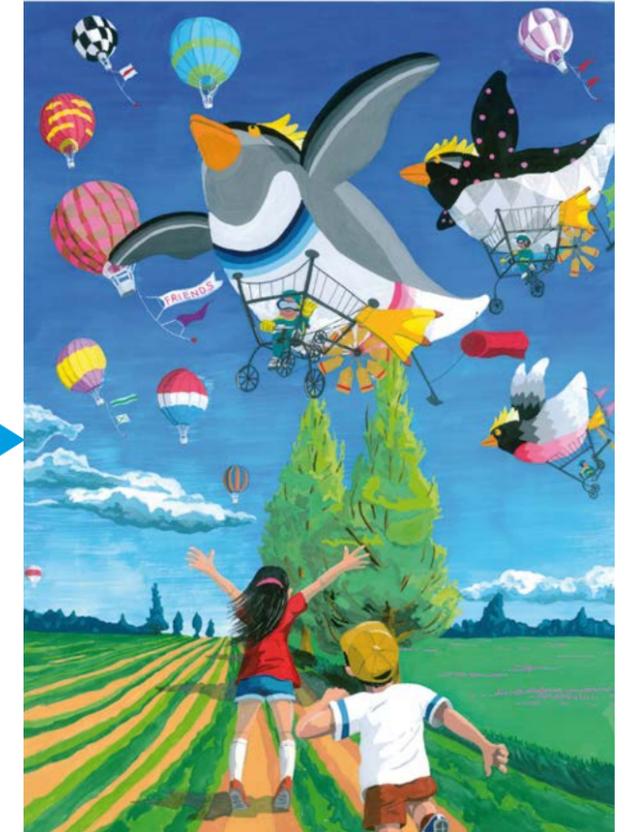
All the winners, chosen by Jury at the Annual Meeting of the FAI Aviation and Space Education Commission, received an FAI Gold, Silver or Bronze Medal that was presented to them by the FAI Member Countries.



Lewis Hwang (USA)

### Intermediate Category (Ages 10 - 13)

1. Kyoko Sasaki (JPN) [painting]
2. Karen Ahn (USA)
3. Tsunayoshi Kosuge (JPN)



This year's theme "Silent Flight" proved to be particularly inspiring with 111 artists competing from 14 FAI Members Countries (Australia, China, France, India, Indonesia, Japan, Korea, Poland, Russia, Serbia, Switzerland, Turkey, Ukraine, USA).

Although almost all Air Sports were featured on the paintings, Ballooning and Hang Gliding, with the ocean as a background, were the most represented subjects. Among all the entries, many of them immediately caught the eyes of the Jury, which made it a difficult task to decide on the final rankings for all of the three age categories.

Uma Maheswari (IND)



### Senior Category (Ages 14 - 17)

1. Dmitriy Yakovlev (UKR) [painting]
2. Jingsheng Shan (CHN)
3. Miwako Kanada (JPN)

# General Information & Projects

## General Conference

[www.fai.org/structure/general-conference](http://www.fai.org/structure/general-conference)

The 106th session of the annual FAI General Conference →PHOTOS took place from 19 to 20 October 2012 in Antalya, Turkey. More than 130 participants coming from 50 FAI Member Countries attended the event. The plenary sessions were preceded by the 2012 FAI Awards Ceremony on 18 October 2012.



### ELECTIONS

FAI President John Grubbström was re-elected for a 2 year mandate. Jonghoon Lee did not stand for re-election and the Heads of Delegations voted for Frederik (Frits) Brink from the Netherlands to join the FAI Executive Board. All the other Executive Directors were re-elected.

The composition of the Executive Board after the General Conference was the following:

#### President

- Dr. John Grubbström

#### Executive Directors

- Mr. Alvaro de Orleans Borbón (Deputy to President)
- Mr. Robert Clipsham (Finance)
- Mr. Frederik (Frits) Brink
- Mr. Robert Henderson
- Mr. Otto Lagarhus
- Mr. Beat Neuenschwander

#### Secretary General

- Mr. Jean-Marc Badan (non-voting member)

#### PROJECTS

A review of on-going projects such as the collaboration with Breitling, the Expert System, the development of FAME, the launch of the IT project for the database modernisation, the Anti-Doping Plan, the sports strategy and the Regional Management System was made by different speakers.

#### NEW FAI MEMBERS

The FAI General Conference accepted the following applications for FAI Membership:

- Jordan (Active - Class 10)
- Panama (Associate)
- St Kitts and Nevis (Associate)
- Tunisia (Associate)
- Uruguay (Associate)
- Bahrain (changed from Temporary to Associate)
- Oman (changed from Temporary to Associate)
- Vietman (Temporary)
- COLPAR (International Affiliate)

#### FINANCE

FAI Executive Director (Finance) reported on the 2011 Financial Statements and the General Conference unanimously adopted the Auditor's Report for the year 2011. Later, the Conference also approved the budget for FAI operations in 2013.

All details on the FAI finances, including the report of the FAI auditors Price Waterhouse Coopers, are set out in the Minutes to the General Conference and available as annexes to the Minutes.

#### PRINCE ALVARO DE ORLEANS BORBON GRANT

During the ceremony, the winner of the prize from the Prince Alvaro de Orleans Borbon Grant was revealed to be Todd Reichert for the "Atlas" human-powered helicopter project →PHOTOS.

The AeroVelo team, co-founded and led by Todd Reichert and Cameron Robertson, works in collaboration with the Human-Powered Vehicle Design Team at the University of Toronto. Over the last five years nearly 100 students have been involved in the various human-powered projects such as the Snowbird Human-Powered Ornithopter and high-speed streamlined bicycles.

By awarding this prize to Reichert, the FAI Executive Board wished to recognise his activity blending science, technology and sport, which is not only academic in nature, but also highly visible to the public and media organisations. The unique projects that Todd Reichert, Cameron Robertson and AeroVelo have developed have become symbols for creativity and encourage youth participation and interest in sport aviation. The FAI Executive Directors were also convinced by the fact that this project was not only the result of innovative research but also directly enhanced the capability and understanding of students.



The Prince Alvaro de Orleans Borbon Grant is awarded to persons or institutions who have devoted themselves to create and/or promote technical developments and innovation in sport aviation. It is in principle (but not necessarily) awarded every two years with the goal of supporting research and innovation focused on the advancement of sport aviation and simulated flying. The value of the prize is 20,000 USD.

#### RECOMMENDED MUSEUM

The General Conference approved the application for "Recommended Museum" status by The National Model Aviation Museum in Muncie, USA.

#### COMPANIONS OF HONOUR

Former FAI Medico-Physiological Commission President Peter Saundby and former FAI Hang Gliding and Paragliding Commission President John Aldridge were appointed by the FAI President as Companions of Honour after the approval by the Delegations.

#### MINUTES

The Minutes of the General Conference are available at [www.fai.org/structure/general-conference](http://www.fai.org/structure/general-conference).

#### FUTURE GENERAL CONFERENCES

During the Conference the bid by Thailand to host the 108th FAI General Conference in 2014 was ratified.

The next General Conference will be held from 4 to 5 October 2013 in Kuala Lumpur, Malaysia.

# General Information & Projects Marketing & Sponsorship

2012 was a successful and busy year for the FAI in the Marketing and Sponsorship field as it saw the creation of the FAI Air Sports Marketing and Events SA (FAME) and a new sponsorship agreement with the prestigious Swiss watch brand Breitling.

## BREITLING

In May 2012 the FAI signed a long-term sponsorship agreement with the prestigious Swiss watch company Breitling.

Breitling, a renowned brand whose headquarters are in Grenchen, Switzerland, became the first ever Global Sponsor of the FAI and carries the status of the Official Watch of the Federation.

Théodore Schneider, Breitling President, stated: *"We are delighted to partner with the FAI as we share the same values. Our involvement with aeronautics has always been part of our history and we will do our best to write a successful story together."*

John Grubbström, FAI President, added: *"Breitling is a highly respected brand and we are very proud to be associated with such a historic company. We strongly believe in a partnership with Breitling as a Global Sponsor and will be delighted to cooperate with Breitling in consolidating its presence within the international aeronautics community. The FAI is entering a new era in air sports management. Our relationship with an innovative and dynamic company such as Breitling is a perfect match for both partners."*

Rights include a general presence in FAI world and continental championships as well as a series of dedicated sole and exclusive programmes designed exclusively for Breitling.

In 2012, Breitling was present at the following events:

- 18th FAI European Aerobatic Championships in Dubnica nad Váhom (SVK)
- 2nd FAI Women's European Hot Air Balloon Championship in Frankenthal (GER)

## About Breitling

A specialist in technical watches, Breitling has played a crucial role in the development of the wrist chronograph and is the leader in the sector. The company has shared the finest hours in the conquests of the skies thanks to its sturdy, reliable and high-performance instruments. The world's only major watch brand to equip all of its models with chronometer-certified movements, the ultimate token of precision, Breitling is also one of the few companies to produce its own mechanical chronograph movement, entirely developed and manufactured in its own workshops. This family business is also one of the last remaining independent Swiss watch brands.



## FAME

With the creation of the FAI Air Sports Marketing and Events SA (FAME) in May 2012, the FAI wanted to give itself every means to promote air sports and create economic value for the FAI and its events.

Thanks to this new company the FAI will be able to respond more quickly and efficiently to requests for new or special competitions from host cities and FAI Air Sports Commissions. FAME will provide the services and assistance the Air Sport Commissions need to develop new events and explore the market. The Commissions will also have the opportunity, if they wish, to create project working groups within FAME to develop new projects.

*"The creation of FAME is part of a long-term strategy of growth. It will bring benefit to all our sports and give us the tools to fulfil our new sponsorship agreement with Breitling,"* said FAI Secretary General Jean-Marc Badan.

FAME's objectives include to:

- Develop innovative air sport competitions and new event formats
- Promote and facilitate the organisation of such competitions and events
- Provide marketing and promotional services, advice and support to any structure involved in the development and promotion of air sports and primarily for the FAI
- Provide support and services in developing and managing sponsorship and partnership programs
- Carry on any financial, commercial or industrial activity directly or indirectly relating to its purpose
- Establish branches or subsidiaries in Switzerland and abroad
- Participate in any undertakings having a direct or indirect connection with its purpose
- Grant loans or guarantees to shareholders or to third parties, if to do so is beneficial to its interests

In August 2012 the FAI appointed Giancarlo Sergi as CEO of FAME. Mr. Sergi is the President of SINERGI Ltd, a management consultancy firm based in Switzerland and active in the sports industry.

The FAI agreed to the sale of a minority stake in FAME to SINERGI Ltd.

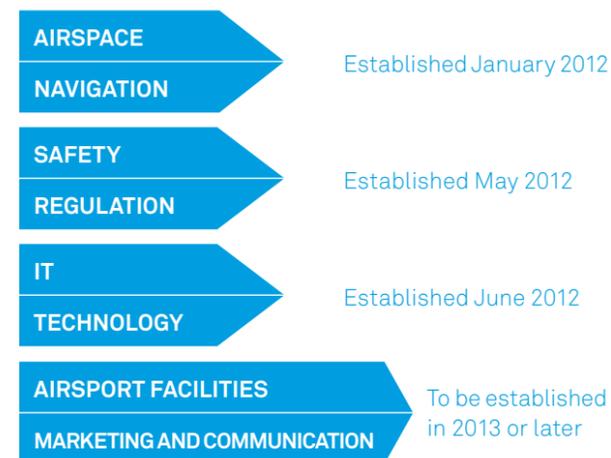


# General Information & Projects

## Expert System

[www.fai.org/structure/expert-groups](http://www.fai.org/structure/expert-groups)

In 2011 the FAI Strategy Task Force identified new challenges with high priority in the work of the FAI such as airspace restrictions, need to improve safety, availability of airports and air sport facilities, how to better promote air sports. As a consequence, the FAI Executive Board started in 2012 the development of a new “FAI Expert System” which includes 8 Expert Groups:



Members were appointed, policy and goals defined and projects identified. At the end of 2012, 6 Expert Groups were established and started operations. In total, the groups represent 36 experts from 15 countries, thus ensuring a high-level international spectrum.

The experts are persons with expertise in specific areas who are called upon when there is a need for technical expertise. They are appointed by the FAI Executive Board and are on stand-by: assignments are only carried out “on demand”. Considering that the Members of the Expert

Groups are experts in their fields of expertise and are therefore exercising a technical watch, they are of course encouraged to report, through their Point of Contact and Coordination (PoC), on any significant development that might affect the practice or the development of our sports.

### BENEFITS OF THE EXPERT SYSTEM WITH EXPERT GROUPS

- Ability for the FAI to handle new challenges through an expanded system of 8 initial groups
- Very efficient system with clear policies, defined goals, mid-term action plans and standardised tasking & reporting procedures
- Higher output in a wide field of technical expertise in favour of the Executive Board, FAI Members, Air Sport Commissions, without increasing costs
- Information & results to all members at the same time by the Head Office
- Strengthen the organisation through more activities in air sports and “waving the air sports flag” with observers in international aviation organisations!

### ASSIGNMENT PROCESS AND TASKS FOR EXPERT GROUPS

- The group, via its PoC, is allocated a task and a related deadline by the FAI Office
- The PoC designates the experts to be involved - based on their expertise and qualifications
- The PoC requests the cooperation of the chosen experts, with the help of the existing data list
- The PoC is responsible for a timely reply to the FAI Office
- If needed, the PoC, or in special cases the experts, may directly contact other specialists, e.g. from FAI Commissions etc.
- The findings of the Expert Groups are being directly passed on to the FAI Office by the PoC

## TASK LISTS FOR 2012

### AIRSPACE

- Analyse the ICAO meeting structure affecting Airspace and make proposals to FAI Executive Board for effective FAI monitoring and representation
- The Collaborative Decision Making (CDM) technique: Is it a useful tool for FAI and its members?
  - What are the criteria to become part of the CDM processes (meetings etc.) in relevant area (e.g. Airspace Allocation, Airport Utilisation etc.)?
  - What positive impact can a proactive use of CDM have for FAI and its members?

### NAVIGATION

- Analyse the ICAO meeting structure for navigational matters, and make a proposal to FAI Executive Board for effective FAI monitoring and representation
- Analyse the avionic equipment market for traffic awareness/collision warning systems for light/sport aircraft (“situation awareness devices”), with the objective of producing an overview of available alternatives and their merits for various air sports activities

### SAFETY

- Evaluate the content and suggestions in a letter from FAI Parachuting Commission about safety and, if applicable, make recommendations for changes in the FAI Safety Expert Group policy statement
- Produce a broad overview of the safety work taking place in the various Air Sport Commissions (ASCs) and provide suggestions for effective cooperation and communication between such ASCs in order to benefit from being part of the FAI structure

### REGULATION

In the opinion of the Regulation Expert Group (REG), provide answers to the following questions:

- What 3 potential regulatory changes that the REG is aware of pose the potential for causing the most damage to air sports by creating unnecessary restrictions or increase in cost?
- What actions are suggested by REG to minimize the effects of the regulatory changes identified above?

### IT

- Plan a database structure for “public” database
- Decide what data is needed from the databases for “public” access
- Plan access rights and use cases

### TECHNOLOGY

- Briefly describe the outcome of previous projects with problems and successes
- Create a requirement list for each discipline
- Decide on the common requirements (including protocols, data transfer methods etc.)
- Map possible hardware providers
- Define what software should be linked to tracking (at least flight display system and scoring)
- Create a common recommendation

# Annexes & References

## List of 2012 Competition Results

In chronological order

### World Championships

1ST FAI JUNIOR WORLD HOT AIR BALLOON CHAMPIONSHIP (MARIJAMPOLE, LITHUANIA) 22.05.2012 - 27.05.2012		BALLOONING
<b>OVERALL</b>		
1st	KOSTIUSKEVICIUS Rokas	LTU
2nd	MERCERON Thomas	FRA
3rd	KREINS Pascal	GER
3RD FAI WORLD YAK 52 AEROBATIC CHAMPIONSHIP (BOLSHOE GRYZLOVO, RUSSIA) 23.06.2012 - 30.06.2012		AEROBATICS
<b>OVERALL</b>		
1st	KOTELNIKOV Vladimir	RUS
2nd	SAVELIEV Maxim	RUS
3rd	OVCHINNIKOV Roman	RUS
10TH FAI WORLD ADVANCED AEROBATIC CHAMPIONSHIPS (NYIREGYHAZA, HUNGARY) 26.07.2012 - 05.08.2012		AEROBATICS
<b>OVERALL</b>		
1st	BERKUTOV Anton	RUS
2nd	DE LA BRETECHE Simon	FRA
3rd	FHAL Romain	FRA
<b>TEAM OVERALL</b>		
1st	France	
2nd	Russia	
3rd	USA	
2012 FAI JUNIOR WORLD CHAMPIONSHIPS FOR FREE FLIGHT MODEL AIRCRAFT (MENGESKO-KAMNISKO POLJE, SLOVENIA) 27.07.2012 - 03.08.2012		AEROMODELLING
<b>F1A - GLIDERS</b>		
1st	LOMOV Nikolay	RUS
2nd	PAPEZ Vaclav	CZE
3rd	MALKHASYAN Taron	USA
<b>F1A - TEAM</b>		
1st	Czech Republic	
2nd	USA	
3rd	Ukraine	
<b>F1B - MODEL AIRCRAFT WITH EXTENSIBLE MOTORS "WAKEFIELD"</b>		
1st	PACELLI Brian	USA
2nd	SEIFERT Tristan	GER
3rd	FINDAHL Oskar	SWE
<b>F1B - TEAM</b>		
1st	Germany	
2nd	USA	
3rd	Ukraine	
<b>F1P - POWER MODEL AIRCRAFT</b>		
1st	MALKHASYAN Taron	USA
2nd	SYROMYTNIKOV Dmitry	RUS
3rd	AKOPOV Luka	RUS
<b>F1P - TEAML</b>		
1st	Russia	
2nd	Ukraine	
3rd	USA	
2012 FAI WORLD CHAMPIONSHIPS FOR SCALE MODEL AIRCRAFT (SANTA CILIA AIRFIELD, SPAIN) 03.08.2012 - 12.08.2012		AEROMODELLING
<b>F4C - RADIO CONTROLLED FLYING SCALE MODEL AIRCRAFT</b>		
1st	LÜTHI Andreas	SUI
2nd	LEVY Marc	FRA
3rd	MERCKENSCHLAGER Max	GER
<b>F4C TEAM</b>		
1st	Czech Republic	
2nd	Switzerland	
3rd	France	
32ND FAI WORLD GLIDING CHAMPIONSHIPS (UVALDE, TEXAS, USA) 04.08.2012 - 19.08.2012		GLIDING
<b>OPEN CLASS - OVERALL</b>		
1st	ABOULIN Laurent	FRA
2nd	SOMMER Michael	GER
3rd	GODRIAN Oscar	RSA
<b>15M CLASS - OVERALL</b>		
1st	KAWA Sebastian	POL
2nd	STURM Matthias	GER
3rd	KREJCIRIK Radek	CZE
<b>18M CLASS - OVERALL</b>		
1st	NIERADKA Z bigniew	POL
2nd	WOJCIK Lukasz	POL
3rd	YOUNG Mike	GBR

2012 FAI WORLD CHAMPIONSHIP FOR SOARING MODEL AIRCRAFT (JOHANNESBURG, SOUTH AFRICA) 05.08.2012 - 12.08.2012		AEROMODELLING
<b>F3J - OVERALL</b>		
1st	FEIGL Benedikt	GER
2nd	LITVA Jan	SVK
3rd	MC GOWAN Bob	USA
<b>F3J JUNIOR - OVERALL</b>		
1st	GALLIZIA Carlo	ITA
2nd	REINECKE Manuel	GER
3rd	BARTEK Juraj Junior	SVK
2012 FAI WORLD CHAMPIONSHIPS FOR FREE FLIGHT MODEL AIRCRAFT (BELGRADE, SERBIA) 08.08.2012 - 13.08.2012		AEROMODELLING
<b>F1D - SENIOR</b>		
1st	LUTZ Schramm	GER
2nd	TREGER Ivan	SVK
3rd	SANBORN Brett	USA
<b>F1D - SENIOR TEAM</b>		
1st	USA	
2nd	United Kingdom	
3rd	France	
<b>F1D - JUNIOR</b>		
1st	KAPLANOVA Gabriela	CZE
2nd	VISAN Alexandru	ROU
3rd	MARILIER Lucas	FRA
<b>F1D - JUNIOR TEAM</b>		
1st	Romania	
2nd	France	
3rd	Ukraine	
3RD FAI WORLD ADVANCED GLIDER AEROBATIC CHAMPIONSHIPS (DUBNICA NAD VÁHOM, SLOVAKIA) 09.08.2012 - 18.08.2012		AEROBATICS
<b>OVERALL</b>		
1st	BERTOSSIO Luca	ITA
2nd	TEDESCHI Marcello	ITA
3rd	MARVIN Sasa	ITA
<b>TEAM OVERALL</b>		
1st	Italy	
2nd	Germany	
3rd	Poland	
15TH FAI WORLD GLIDER AEROBATIC CHAMPIONSHIPS (DUBNICA NAD VÁHOM, SLOVAKIA) 09.08.2012 - 18.08.2012		AEROBATICS
<b>OVERALL</b>		
1st	POSPIESZYŃSKI Maciej	POL
2nd	TOTH Ferenc	HUN
3rd	FEYERABEND Markus	GER
13TH FAI WORLD MICROLIGHT CHAMPIONSHIPS (MARUGÁN, SPAIN) 11.08.2012 - 18.08.2012		MICROLIGHTS
<b>CLASS RAL-1</b>		
1st	JURKENAS Kestutis	LTU
<b>TEAM OVERALL</b>		
1st	France	
2nd	United Kingdom	
3rd	Russia	
<b>CLASS RAL-2</b>		
1st	YAKOVLYEV Yuriy / IAKOVLIEV Tymofii	UKR
2nd	DEWHURST Paul / ROBBINS David	GBR
3rd	GRIMWOOD Robert / WAITE John	GBR
<b>CLASS RWL-1</b>		
1st	RAWES Richard	GBR
2nd	SERRE Jean-Michel	FRA
3rd	ROCHE Alban	FRA
<b>CLASS RWL-2</b>		
1st	RICHARD Guillaume / MONIER Georges	FRA
2nd	JURKIEWICZ Przemyslaw / JURKIEWICZ Dominika	POL
3rd	FERINC Vince / VIZAKNAI Katinka	GBR
<b>CLASS RGL-2</b>		
1st	CHANGEUR Eric / VEDRAINE Christophe	FRA
2nd	CHULIA Marcos / MARCOS Lorena	ESP
3rd	BOUCHET Serge / OTH Laurent	FRA
20TH FAI WORLD HOT AIR BALLOON CHAMPIONSHIP (BATTLE CREEK, MICHIGAN, USA) 17.08.2012 - 25.08.2012		BALLOONING
<b>OVERALL</b>		
1st	DONNER Nick	USA
2nd	PETREHN Johnny	USA
3rd	FUJITA Yudai	JPN
14TH FAI WORLD HELICOPTER CHAMPIONSHIP (DRAKINO AIRFIELD, RUSSIA) 22.08.2012 - 26.08.2012		ROTORCRAFT
<b>OVERALL</b>		
1st	ZHUPERIN Alexander / BUROV Nikolay	RUS
2nd	TUPIKOV Sergey / PINTELIN Alexey	RUS
3rd	SOTNIKOV Maxim / PUADJUKAS Oleg	RUS
<b>TEAM OVERALL</b>		
1st	Russia	
2nd	United Kingdom	
3rd	Germany	
<b>WOMEN:</b>		
1st	KOSENKOVA Liudmila / PROKOFYEVA Elena	RUS
2nd	SHPIGOVSKAYA Galina / GUBAR Ljubov	RUS
3rd	AFANASKINA Margarita / ZAMULA Evgeniya	RUS

JUNIOR		
1st	BUGAEV Vladimir	BLR
2nd	IBERLER Tony	GER
3rd	LAPTEV Nikita	BLR
18TH FAI WORLD RALLY FLYING CHAMPIONSHIP (CASTELLÓN, SPAIN) 02.09.2012 - 09.09.2012		
OVERALL		TEAM OVERALL
1st	CHERIOUX J. / LEGENTIL D.	FRA 1st Poland
2nd	RADOMSKI B. / LECHOWSKI D.	POL 2nd France
3rd	WIECZOREK M. / OSOWSKI M.	POL 3rd Czech Republic
2012 FAI WORLD CHAMPIONSHIPS FOR ELECTRIC MODEL AIRCRAFT (BUZAU, ROMANIA) 14.09.2012 - 21.09.2012		
OVERALL		TEAM OVERALL
1st	FICKENSCHER Wolf	GER 1st Italy
2nd	HAUSLER Patrick	SUI 2nd Germany
3rd	CAVAGGIONI Piermarco	ITA 3rd Belgium
2012 FAI WORLD CHAMPIONSHIPS FOR CONTROL LINE MODEL AIRCRAFT (PAZARDZIK, BULGARIA) 25.08.2012 - 01.09.2012		
F2A – SPEED MODEL AIRCRAFT		F2A TEAM
1st	PARRAMON Lluís	ESP 1st United Kingdom
2nd	MORRISSEY Ken	GBR 2nd Hungary
3rd	OSOVIK Oleksandr	UKR 3rd USA
F2A – JUNIOR SPEED MODEL AIRCRAFT		
1st	NAGIEV Emil	RUS
2nd	NAGIEV Denys SHLYAKHOV	UKR
3rd	SOBALA Tomasz	POL
F2B – AEROBATICS		F2B TEAM
1st	BURGER Igor	SVK 1st USA
2nd	SCHREK Alexander	SVK 2nd China
3rd	VEJMOLA Jiri	CZE 3rd Ukraine
F2B – JUNIOR AEROBATICS		
1st	VANYAGIN Dmitry	RUS
2nd	KONONENKO Pavlo	UKR
3rd	MIESIAK Jaroslaw	POL
F2C – TEAM RACING		F2C TEAM
1st	ANDREEV Sergey / VOROBYEV Oleg	RUS 1st Russia
2nd	FITZERALD Robert / ELLINS Mark	AUS 2nd France
3rd	WILSON Murray / POSCHKENS Mark	AUS 3rd Ukraine
F2C – JUNIOR TEAM RACING		
1st	MAKARENKO Anton / SHLYAKHOV Denys	UKR
2nd	GOROKHOV Denis / GOROKHOV Pavel	RUS
3rd	MENYHART Ferenc / JUHASZ Tibor	HUN
F2D – COMBAT		F2D TEAM
1st	RASTENIS Audrius	LTU 1st Moldova
2nd	TRIFONOV Igor	RUS 2nd Lithuania
3rd	DEMENTIEV Igor	MDA 3rd Spain
F2D – JUNIOR COMBAT		
1st	POKORSKIY Alexandr	UKR
2nd	MATEO Raul	ESP
3rd	NIELSEN Morten Friis	DEN
7TH FAI WORLD PARAMOTOR CHAMPIONSHIPS (MARUGÁN, SPAIN) 25.08.2012 - 31.08.2012		
RPF-1		RPF-1 TEAM
1st	VALLEE Pascal	FRA 1st France
2nd	MATEOS Alexandre	FRA 2nd Spain
3rd	MUZELLEC David	FRA 3rd United Kingdom
RPF-1 WOMEN		
1st	PLAK Emilia	POL
2nd	MATEOS Coralie	FRA
3rd	SKINNER Karen	ESP
RPF-2		RPF-2 TEAM
1st	LEUDIERE Yann / FOURNIER Audrey	FRA 1st France
2nd	ZYGADLO Ryszard / LEJK Patrycja	POL 2nd Poland
3rd	PROCEK Vladimir / BEDNARIK Michal	CZE 3rd Lithuania
RPL-1		RPL-1 TEAM
1st	MATOUSEK Petr	CZE 1st Czech Republic
2nd	STACHOVA Karin	CZE 2nd Poland
3rd	CRESCO Daniel	ESP 3rd France

RPL-2		RPL-2 TEAM
1st	EKIMOV Kirill / RUSINOV Pavel	RUS 1st Czech Republic
2nd	HOLZMÜLLER Walter / METZGER Peter	AUT 2nd France
3rd	ZAVORKA Lubos / SPURNÝ Michal	CZE 3rd Russia
2012 FAI WORLD CHAMPIONSHIPS FOR SPACE MODELS (LIPTOVSKY MIKULAS, SLOVAKIA) 01.09.2012 - 09.09.2012		
S1A JUNIOR OVERALL		S1A JUNIOR TEAM
1st	STANEV Toni	BUL 1st Ukraine
2nd	PROTSENKO Kirill	UKR 2nd Bulgaria
3rd	OLIFIROV Boris	UKR 3rd Serbia
S1B SENIOR OVERALL		S1B SENIOR TEAM
1st	TIMOFEJEV Maksim	LTU 1st Serbia
2nd	TREIKAUSKAS Mykolas	LTU 2nd Slovenia
3rd	KATANIC Zoran	SRB 3rd Russia
S3A JUNIOR OVERALL		S3A JUNIOR TEAM
1st	VOLOKHOV Alexander	RUS 1st Ukraine
2nd	KASHKIN Andrey	RUS 2nd Russia
3rd	PROTSENKO Kirill	UKR 3rd Romania
S3A SENIOR OVERALL		S3A SENIOR TEAM
1st	KATANIC Zoran	SRB 1st Serbia
2nd	IBRAGIMOV Igor	UZB 2nd Russia
3rd	JOSIPOVIC Zivan	SRB 3rd Poland
S4A JUNIOR OVERALL		S4A JUNIOR TEAM
1st	SVEC Roman	SVK 1st Ukraine
2nd	KATANIC Vesna	SRB 2nd Slovakia
3rd	TARAN Roman	UKR 3rd Serbia
S4A SENIOR OVERALL		S4A SENIOR TEAM
1st	KATANIC Zoran	SRB 1st Russia
2nd	MENSHIKOV Vladimir	RUS 2nd Slovenia
3rd	WENMEI Fu	CHN 3rd Serbia
S5B JUNIOR OVERALL		S5B JUNIOR TEAM
1st	CIPCIC Miodrag	SRB 1st Romania
2nd	VERTSTOV Vladislav	RUS 2nd Czech Republic
3rd	NITU Andrei	ROU 3rd Russia
S5C SENIOR OVERALL		S5C SENIOR TEAM
1st	CIPCIP Vladimir	SRB 1st Poland
2nd	BIELECKY Bedrich	CZE 2nd Slovenia
3rd	BIELECKY Marcin	POL 3rd Czech Republic
S6A JUNIOR OVERALL		S6A JUNIOR TEAM
1st	PERALES Toni	ESP 1st Spain
2nd	WIERZBICKI Konrad	POL 2nd Serbia
3rd	VOLAREVIC Luka	SRB 3rd Russia
S6A SENIOR OVERALL		S6A SENIOR TEAM
1st	LASOCHA Slawomir	POL 1st Poland
2nd	KATANIC Zoran	SRB 2nd Serbia
3rd	ROMANYK Sergey	RUS 3rd Russia
S7 JUNIOR OVERALL		S7 JUNIOR TEAM
1st	SEBESTA Jan	CZE 1st Czech Republic
2nd	VANIKOVA Katerina	CZE 2nd Russia
3rd	BENAK Julius	CZE 3rd Romania
S7 SENIOR OVERALL		S7 SENIOR TEAM
1st	LIEVYKH Olexandr	RUS 1st Czech Republic
2nd	PAVKA Bedrich	CZE 2nd Russia
3rd	PAVKA Martin	CZE 3rd Romania
S8D JUNIOR OVERALL		S8D JUNIOR TEAM
1st	BYRTEK Szymon	POL 1st Russia
2nd	KASHKIN Andrey	RUS 2nd Poland
3rd	STENBERG Zackary	USA 3rd China
S8E/P SENIOR OVERALL		S8E/P SENIOR TEAM
1st	SHIQI Li	CHN 1st China
2nd	ZHENG Lu	CHN 2nd Russia
3rd	PUMPURS Lauris	LAT 3rd USA
S9A JUNIOR OVERALL		S9A JUNIOR TEAM
1st	KATANIC Vesna	SRB 1st Poland
2nd	KONTRA Frantisek	CZE 2nd Serbia
3rd	BYRTEK Szymon	POL 3rd Bulgaria

S9A SENIOR OVERALL		S9A SENIOR TEAM	
1st	MALMYGA Leszek	POL	1st Czech Republic
2nd	TREIKAUSKAS Mykolas	LTU	2nd Lithuania
3rd	PAVKA Marek	CZE	3rd Bulgaria
2012 FAI WORLD CHAMPIONSHIP FOR SOARING MODEL AIRCRAFT (KAP ARKONA, RÜGEN, GERMANY) 06.10.2012 - 13.10.2012			AEROMODELLING
OVERALL		TEAM OVERALL	
1st	HÖLBFER Stefan	AUT	1st Germany
2nd	GAUBATZ Lukas	AUT	2nd Austria
3rd	HERRIG Martin	GER	3rd France
20TH FAI WORLD FORMATION SKYDIVING CHAMPIONSHIPS (DUBAI, UNITED ARAB EMIRATES) 28.11.2012 - 09.12.2012			PARACHUTING
4-WAY OPEN			
1st	USA		
2nd	Belgium		
3rd	France		
4-WAY WOMEN			
1st	France		
2nd	USA		
3rd	Norway		
8-WAY			
1st	USA		
2nd	France		
3rd	Russia		
VFS			
1st	France		
2nd	United Arab Emirates		
3rd	USA		
6TH FAI JUNIOR WORLD FREEFALL STYLE AND ACCURACY LANDING CHAMPIONSHIPS (DUBAI, UNITED ARAB EMIRATES) 28.11.2012 - 09.12.2012			PARACHUTING
ACCURACY LANDING - MEN			
1st	KAIYUAN Zhang	CHN	
2nd	WEBER Elischa	GER	
3rd	HAJEK Bonifac	CZE	
FREEFALL STYLE - MEN			
1st	WEBER Elischa	GER	
2nd	POZDNIAKOV Ilia	BLR	
3rd	YIWEN Liang	CHN	
MEN - OVERALL			
1st	WEBER Elischa	GER	
2nd	POZDNIAKOV Ilia	BLR	
3rd	YIWEN Liang	CHN	
ACCURACY LANDING - WOMEN			
1st	KRIVOSHCHKOVA Taisia	RUS	
2nd	SAI Wang	CHN	
3rd	ORLENKA Galina	RUS	
FREEFALL STYLE - WOMEN			
1st	KRIVOSHCHKOVA Taisia	RUS	
2nd	KHLOPINA Khrystsina	BLR	
3rd	ORLENKA Galina	RUS	
WOMEN - OVERALL			
1st	KRIVOSHCHKOVA Taisia	RUS	
2nd	KHLOPINA Khrystsina	BLR	
3rd	ORLENKA Galina	RUS	
15TH FAI WORLD CANOPY FORMATION CHAMPIONSHIPS (DUBAI, UNITED ARAB EMIRATES) 28.11.2012 - 09.12.2012			PARACHUTING
4-WAY SEQUENTIAL			
1st	France		
2nd	USA		
3rd	Russia		
4-WAY ROTATION			
1st	France		
2nd	Russia		
3rd	Belarus		
2-WAY SEQUENTIAL			
1st	France 1		
2nd	France 2		
3rd	Australia 1		

9TH FAI WORLD ARTISTIC EVENTS CHAMPIONSHIPS (DUBAI, UNITED ARAB EMIRATES) 28.11.2012 - 09.12.2012			PARACHUTING
FREEFLY			
1st	France 2		
2nd	USA 2		
3rd	France 1		
FREESTYLE			
1st	France 1		
2nd	France 2		
3rd	United Kingdom		
4TH FAI WORLD CANOPY PILOTING CHAMPIONSHIPS (DUBAI, UNITED ARAB EMIRATES) 28.11.2012 - 09.12.2012			PARACHUTING
OVERALL			
1st	BARTHOLOMEW Curtis	USA	
2nd	BATSCH Nicholas	USA	
3rd	HERNANDEZ MOLL Pablo	ESP	
DISTANCE			
1st	BATSCH Nicholas	USA	
2nd	MOLEDSKI Jason	CAN	
3rd	BARTHOLOMEW Curtis	USA	
SPEED			
1st	BARTHOLOMEW Curtis	USA	
2nd	DELLIBAC Thomas	USA	
3rd	MOLEDSKI Jason	CAN	
ACCURACY			
1st	BARTHOLOMEW Curtis	USA	
2nd	HERNANDEZ MOLL Pablo	ESP	
3rd	WAGNER Christian	AUT	
32ND FAI WORLD FREEFALL STYLE AND ACCURACY LANDING CHAMPIONSHIPS (DUBAI, UNITED ARAB EMIRATES) 28.11.2012 - 09.12.2012			PARACHUTING
ACCURACY LANDING - MEN - SENIOR		TEAM ACCURACY - MEN	
1st	VODISEK Domen	SLO	1st Slovenia
2nd	TRESOLDI Giuseppe	ITA	2nd Russia
3rd	FOMIN Oleg	BLR	3rd Hungary
FREEFALL STYLE - MEN - SENIOR			
1st	VALOIS Philippe	FRA	
2nd	GECNUK Jiri	CZE	
3rd	JIROUSEK Libor	CZE	
MEN - SENIOR - OVERALL			
1st	FOMIN Oleg	BLR	
2nd	HENAFF Ronan	FRA	
3rd	GECNUK Jiri	CZE	
ACCURACY LANDING - WOMEN - SENIOR		TEAM ACCURACY - WOMEN	
1st	YUFENG He	CHN	1st China
2nd	SAJOVIC Maja	SLO	2nd Russia
3rd	FAMINA Aksana	BLR	3rd Belarus
FREEFALL STYLE - WOMEN - SENIOR			
1st	LAKTIONOVA Elena	RUS	
2nd	KLENINA Svetlana	RUS	
3rd	YAN Cao	CHN	
WOMEN - SENIOR - OVERALL			
1st	KLENINA Svetlana	RUS	
2nd	LAKTIONOVA Elena	RUS	
3rd	EKSHIKEEVA Liubov	RUS	

## Continental Championships

3RD FAI SOUTH AMERICAN GLIDING CHAMPIONSHIPS (ADOLFO GONZALEZ CHÁVEZ, ARGENTINA) 08.01.2012 - 20.01.2012			GLIDING
STANDARD - OVERALL			
1st	GOLDENZWEIG Damian	ARG	
2nd	RIERA Gonzalo	ARG	
3rd	SONDON Javier	ARG	
15M CLASS - OVERALL			
1st	GARDA Raul	ARG	
2nd	RIERA Sebastian	ARG	
3rd	BOSSART Martin	ARG	

OPEN CLASS - OVERALL			
1st	REHN Egon	BRA	
2nd	REPICKY Fernando	ARG	
3rd	CALAMANTE Carlos	ARG	
3RD FAI ASIAN PARAGLIDING CHAMPIONSHIP (LINZHOU, CHINA) 24.05.2012 - 02.06.2012			PARAGLIDING
OVERALL		TEAM OVERALL	
1st	KAMIYAMA Taro	JPN	1st Japan
2nd	LIM Moonseob	KOR	2nd Korea
3rd	HIRAKI Keiko	JPN	3rd India
WOMEN			
1st	HIRAKI Keiko	JPN	
2nd	DI Wang	CHN	
3rd	IGAWA Emi	JPN	
1ST FAI ASIAN PARAGLIDING ACCURACY CHAMPIONSHIP (WAI-AO, CHINESE TAIPEI) 12.06.2012 - 18.06.2012			PARAGLIDING
OVERALL		TEAM OVERALL	
1st	OKA Yoshiki	JPN	1st Indonesia
2nd	KURNIAWAN Ardi	INA	2nd Japan
3rd	LIN Ke Yang	TPE	3rd Chinese Taipei
3RD FAI EUROPEAN PARAGLIDING ACCURACY CHAMPIONSHIP (OHRID, FORMER YUGOSLAV REP. OF MACEDONIA) 01.07.2012 - 08.07.2012			PARAGLIDING
OVERALL		TEAM OVERALL	
1st	RALEV Dimitar	BUL	1st Slovenia
2nd	GJURKOVIC Goran	SRB	2nd Czech Republic
3rd	SLUGA Matjaz	SLO	3rd Serbia
2012 FAI ASIAN CHAMPIONSHIPS FOR FREE FLIGHT MODEL AIRCRAFT (ULAANBAATAR, MONGOLIA) 15.07.2012 - 21.07.2012			AEROMODELLING
F1A		F1A TEAM	
1st	GANZORIG CHIMED	MGL	1st North Korea
2nd	IL Ri Kwang	PRK	2nd Mongolia
3rd	CHOI Kim Won	PRK	3rd Korea
F1B		F1B TEAM	
1st	SHAGDAR Sodnombajir	MGL	1st China
2nd	YUAN Wei	CHN	2nd Mongolia
3rd	KUNJIANG Dong	CHN	3rd North Korea
F1C		F1C TEAM	
1st	KUNJIANG Erdenbat	MGL	1st Mongolia
2nd	WEI Yang Wei	CHN	2nd China
3rd	ULZII Erdenebayar	MGL	3rd Korea
2012 FAI EUROPEAN CHAMPIONSHIP FOR AEROBATIC MODEL AIRCRAFT (CHÂTEAUX, FRANCE) 26.07.2012 - 05.08.2012			AEROMODELLING
F3A		F3A - TEAM	
1st	PAYSANT-LE ROUX Christophe	FRA	1st France
2nd	MAYR Gerhard	AUT	2nd Austria
3rd	MAZZUCHELLI Marco	ITA	3rd Italy
F3A - JUNIOR			
1st	MAZZUCHELLI Marco	ITA	
2nd	MATTI Sandro	SUI	
3rd	RANNETSHAUSER Philip	GER	
2012 FAI EUROPEAN CHAMPIONSHIP FOR MODEL HELICOPTERS (BALLENSTEDT / HARZ, GERMANY) 28.07.2012 - 05.08.2012			AEROMODELLING
F3C		F3C TEAM	
1st	GRABER Ennio	SUI	1st Italy
2nd	EGGER Bernhard	AUT	2nd Germany
3rd	LUCCHI Stefano	ITA	3rd France
F3N		F3C TEAM	
1st	WEBER Eric	GER	1st Germany
2nd	RAU Daniel	GER	2nd France
3rd	OSBORN Duncan	GBR	3rd United Kingdom
2012 FAI EUROPEAN CHAMPIONSHIPS FOR FREE FLIGHT MODEL AIRCRAFT (CAPANNORI (LUCCA), ITALY) 04.08.2012 - 12.08.2012			AEROMODELLING
F1A - GLIDERS		F1A - TEAM	
1st	FINDAHL Per	SWE	1st Germany
2nd	KOGLLOT Roland	SLO	2nd Slovenia
3rd	KRAUS Yaron	ISR	3rd Ukraine
F1B - MODEL AIRCRAFT WITH EXTENSIBLE MOTORS "WAKEFIELD"		F1B - TEAM	
1st	GOSTOJIC Svetozar	SRB	1st Finland
2nd	PARPEL Ondrej	CZE	2nd Slovenia
3rd	PEERS Russell	GBR	3rd Latvia

F1C - POWER MODEL AIRCRAFT		F1C - TEAM	
1st	FUZEEV Leonid	RUS	1st United Kingdom
2nd	VENUTI Giorgio	ITA	2nd Russia
3rd	MARROT Pierre	FRA	3rd Ukraine
2012 FAI EUROPEAN CHAMPIONSHIP FOR SOARING MODEL AIRCRAFT (CHAMBLAY, FRANCE) 11.08.2012 - 18.08.2012			AEROMODELLING
F3K - SENIORS		F3K TEAM	
1st	HERRIG Martin	GER	1st Sweden
2nd	HAMMARSKIOLD Mattias	SWE	2nd Germany
3rd	ROTTELEUR Anthony	FRA	3rd Italy
F3K - JUNIORS		F3K JUNIOR TEAM	
1st	KALEMBET Andrey	UKR	1st Germany
2nd	FINKE Max	GER	2nd Ukraine
3rd	FREITAG Matthias	GER	3rd Sweden
2012 FAI EUROPEAN CHAMPIONSHIPS FOR FREE FLIGHT MODEL AIRCRAFT (TURDA, ROMANIA) 20.08.2012 - 25.08.2012			AEROMODELLING
F1E SENIOR		F1E SENIOR TEAM	
1st	ROUX Alain	FRA	1st France
2nd	REINHARD Wolf	AUT	2nd Germany
3rd	ANDRIST Dominik	SUI	3rd Austria
F1E JUNIOR		F1E JUNIOR TEAM	
1st	ORLOVA Magdalena	CZE	1st Romania
2nd	NICULESCU Mihnea	ROU	2nd Germany
3rd	STRYJA Mikolaj	POL	3rd Poland
18TH FAI EUROPEAN HANG GLIDING CLASS 1 CHAMPIONSHIP (KAYSERI, TURKEY) 26.08.2012 - 08.09.2012			HANG GLIDING
OVERALL		TEAM OVERALL	
1st	PLONER Alessandro	ITA	1st Italy
2nd	VYHALIK Dan	CZE	2nd Slovenia
3rd	GRICAR Primoz	SLO	3rd Spain
11TH FAI OPEN EUROPEAN FORMATION SKYDIVING CHAMPIONSHIPS (PROSTEJOV, CZECH REP.) 26.08.2012 - 02.09.2012			PARACHUTING
4-WAY OPEN			
1st	Belgium		
2nd	Russia		
3rd	United Kingdom		
4-WAY WOMEN			
1st	Norway		
8TH FAI OPEN EUROPEAN ARTISTIC EVENTS PARACHUTING CHAMPIONSHIPS (PROSTEJOV, CZECH REP.) 26.08.2012 - 02.09.2012			PARACHUTING
FREEFLY			
1st	Russia		
2nd	Italy		
3rd	United Kingdom		
12TH FAI EUROPEAN PARAGLIDING CHAMPIONSHIP (SAINT-ANDRÉ-LES-ALPES, FRANCE) 31.08.2012 - 15.09.2012			PARAGLIDING
OVERALL		TEAM OVERALL	
1st	SAVOV Yassen	BUL	1st Austria
2nd	BONET DALMAU Xevi	ESP	2nd Spain
3rd	DALMAU Russel	GBR	3rd Switzerland
WOMEN			
1st	FEDELE Nicole	ITA	
2nd	CAMERON Kirsty	GBR	
3rd	STRASSER Regula	SUI	
18TH FAI EUROPEAN AEROBATIC CHAMPIONSHIPS (DUBNICA NAD VÁHOM, SLOVAKIA) 01.09.2012 - 09.09.2012			AEROBATICS
OVERALL		TEAM OVERALL	
1st	MAMISTOV Mikhail	RUS	1st France
2nd	LEVOT François	FRA	2nd Russian
3rd	MASUREL Olivier	FRA	3rd Germany
2012 FAI ASIAN-OCEANIC CHAMPIONSHIP FOR AEROBATIC MODEL AIRCRAFT (BACOLOD CITY, PHILIPPINES) 09.09.2012 - 15.09.2012			AEROMODELLING
OVERALL		TEAM OVERALL	
1st	T TETSUO Onda	JPN	1st Japan
2nd	T HAJIME Hatta	JPN	2nd China
3rd	T HITOSHI Haneda	JPN	3rd Thailand
2ND FAI WOMEN'S EUROPEAN HOT AIR BALLOON CHAMPIONSHIP (FRANKENTHAL, GERMANY) 18.09.2012 - 22.09.2012			BALLOONING
OVERALL			
1st	MUIR Lindsay	GBR	
2nd	RAKAUSKAITE Daiva	LTU	
3rd	HERDEWYN Ann	BEL	

## OTHERS

### 3RD ASIAN BEACH GAMES (HAIYANG, CHINA) 16.06.2012 - 22.06.2012

PARAMOTORS

OVERALL		TEAM	
1st	MACAK Jiri George	THA	1st Thailand
2nd	PHROMMAT Kittiphop	THA	2nd China
3rd	SHENG Guangqiang	CHN	3rd Indonesia

### 2012 LUXGSM - WORLD BALLOON TROPHY (ECHTERNACH, LUXEMBURG) 11.07.2012 - 15.07.2012

BALLOONING

OVERALL	
1st	WEBER Colin
2nd	BETZEN Nico
3rd	HOWARD Mike

### 12TH DEBRECEN CUP INTERNATIONAL HOT AIR BALLOON COMPETITION (DEBRECEN, HUNGARY) 08.08.2012 - 12.08.2012

BALLOONING

OVERALL	
1st	ALMER Johann
2nd	SUCHY Jan
3rd	KONECSNI János

### 9TH FAI WORLD CUP OF ARTISTIC EVENTS (PROSTEJOV, CZECH REP.) 26.08.2012 - 02.09.2012

PARACHUTING

FREEFLY	
1st	France
2nd	Russia
3rd	Italy

### 18TH FAI WORLD CUP OF FORMATION SKYDIVING (PROSTEJOV, CZECH REP.) 26.08.2012 - 02.09.2012

PARACHUTING

4-WAY OPEN	
1st	Belgium
2nd	Russia
3rd	United Kingdom

4-WAY FEMALE	
1st	USA
2nd	Norway

VFS	
1st	United Arab Emirates

### 56TH COUPE AÉRONAUTIQUE GORDON BENNETT (EBNAT-KAPPEL, TOGGENBURG, SWITZERLAND) 31.08.2012 - 08.09.2012

BALLOONING

OVERALL	
1st	ROLLAND Sébastien / LEYS Vincent
2nd	FRIEDEN Kurt / WITPRÄCHTIGER Pascal
3rd	CAYTON Andy / MANUEL William

### 2012 TOCHIGI HOT AIR BALLOON INTERNATIONAL CHAMPIONSHIP (TOCHIGI, JAPAN) 20.11.2012 - 25.11.2012

BALLOONING

OVERALL	
1st	FUJITA Yuudai
2nd	PETREHN Johnny
3rd	DONNER Nick



# Annexes & References

## List of 2012 International Records

Situation as at 22 March 2013

[www.fai.org/records](http://www.fai.org/records)

NAME	COUNTRY	ZONE	TYPE	PERFORMANCE	DATE	STATUS	ID
<b>AEROMODELLING AND SPACEMODELLING</b>							
ANDREEV Sergei / VOROBYEV Oleg	RUS	World	Race Time in Competition (200 laps): 137 (Aeroplane)	6 min 19.1 sec	31.08.12	Current	16617
DANJO Akihiro	JPN	World	Duration (ceiling less than 8 m): 116-a (Indoor Aeroplane)	19 min 40 sec	09.07.12	Current	16581
ELLIAS John	USA	World	Distance to goal and return: 158 (Glider)	57.56 km	28.09.12	Under review	16666
GRADEWELL Dean	USA	World	Distance to goal and return: 158 (Glider)	57.56 km	28.09.12	Under review	16667
KHOKHLOV Vladimir	RUS	World	Total impulse 5.01 to 10.00 N sec: 102 (S-1: Altitude)	315 m	14.04.12	Current	16523
SABADASH Andrey	RUS	World	Distance to goal and return: 195 (Aeroplane)	84.6 km	18.09.12	Current	16619
SCHRAMM Lutz	GER	World	Duration (ceiling 15m - 30m): 125-c (Indoor Aeroplane)	39 min 10 sec	11.08.12	Current	16606
SCHRAMM Lutz	GER	World	Duration in competition, one flight: 119 (Indoor Aeroplane)	39 min 10 sec	11.08.12	Current	16607
SCHRAMM Lutz	GER	World	Duration in competition, two flights: 120 (Indoor Aeroplane)	76 min 11 sec	12.08.12	Current	16605
UEYAMA Kenichi	JPN	World	Speed in a closed circuit: 177 (Aeroplane)	219.85 km/h	16.12.12	Under review	16720
VERTONGEN Rafaël	BEL	World	Duration: 199 (Helicopter)	1h 46 min 22 sec	04.08.12	Current	16596
<b>BALLOONING</b>							
ROLFE Sandra	CAN	World	Distance (Feminine)	117.84 km	30.01.12	Current	16434
<b>EXPERIMENTAL / NEW TECHNOLOGIES</b>							
BORSCHBERG André	SUI	World	Straight distance, pre-declared waypoints (Solar-Powered Aeroplanes)	1,099.3 km	25.05.12	Current	16558
BORSCHBERG André	SUI	World	Free Distance along a course (Solar-Powered Aeroplanes)	1,116 km	25.05.12	Current	16560
GLUESENKAMP Kyle	USA	World	Duration (Human-powered Aircraft)	49.9 sec	21.06.12	Superseded	16568
GORE Colin	USA	World	Duration (Human-powered Aircraft)	1 min 5.1 sec	28.08.12	Current	16616
OHLMANN Klaus	GER	World	Free out-and-return distance (Solar-Powered Aeroplanes)	500.9 km	18.08.12	Current	16609
OHLMANN Klaus	GER	World	Distance along a course, pre-declared waypoints (Solar-Powered Aeroplanes)	518.3 km	18.08.12	Current	16610
<b>GLIDING</b>							
ATHUIL Philippe	USA	World	Speed over an out-and-return course of 1,000 km	215 km/h	12.12.12	Claim	16719
BARNES Allan John	AUS	Oceanian	Free triangle distance	1,017.50 km	25.11.12	Under review	16709
BARNES Allan John	AUS	Oceanian	Free distance using up to 3 turn points	1,019.80 km	25.11.12	Under review	16711
HEGEDUS Laszlo	HUN	European	Speed over a triangular course of 100 km	156.66 km/h	31.05.12	Current	16557
HEGEDUS Laszlo	HUN	European	Speed over a triangular course of 300 km	135.97 km/h	02.08.12	Current	16593
MUÑOZ LOPEZ Pilar	ESP	European	Speed over a triangular course of 750 km	117.17 km/h	19.07.12	Current	16587
MUÑOZ LOPEZ Pilar	ESP	European	Speed over a triangular course of 750 km (Feminine)	117.17 km/h	19.07.12	Current	16585
MUÑOZ LOPEZ Pilar	ESP	European	Speed over a triangular course of 750 km (Feminine)	117.17 km/h	19.07.12	Current	16586
PERRIN Jean-Marc	SUI	World	Free Distance	1,403 km	20.12.12	Claim	16722
PERRIN Jean-Marc	SUI	World	Straight Distance to a Goal	1,403 km	20.12.12	Claim	16721
SCHUNK Mathias	GER	European	Free distance using up to 3 turn points	1,224.2 km	29.04.12	Current	16537
SCHUNK Mathias	GER	European	Distance using up to 3 turn points	1,117.4 km	29.04.12	Current	16538
<b>HANG GLIDING AND PARAGLIDING</b>							
BOTT Jacques	FRA	World	Out-and-return distance	366.4 km	30.05.12	Current	16556
BROWN Frank Thoma	BRA	World	Distance using up to 3 turn points	285.4 km	19.10.12	Current	16676
BROWN Frank Thoma	BRA	World	Straight distance to a declared goal	420.3 km	26.10.12	Current	16681
CHOPARD LALLIER Patrick	FRA	World	Out-and-return distance	372 km	09.01.12	Current	16428
DROUIN Stéphane	FRA	World	Speed over a triangular course of 200 km	28.74 km/h	29.05.12	Current	16555
DURAND JNR Jon	AUS	World	Straight distance to a declared goal	557 km	17.07.12	Current	16584
FLEURY André Luís Grosso	BRA	World	Free distance using up to 3 turn points (Multiplace)	210 km	06.11.12	Current	16692
FUKUOKA Seiko	FRA	World	Straight distance (Feminine)	336 km	20.11.12	Under review	16698
LEMOS Donizete	BRA	World	Distance using up to 3 turn points	285.4 km	19.10.12	Current	16675
LEMOS Donizete	BRA	World	Straight distance to a declared goal	420.3 km	26.10.12	Current	16682
MARTIN Dustin B.	USA	World	Straight distance	764 km	04.07.12	Current	16577
NASCIMENTO Samuel	BRA	World	Distance using up to 3 turn points	285.4 km	19.10.12	Current	16673
NASCIMENTO Samuel	BRA	World	Straight distance to a declared goal	420.3 km	26.10.12	Current	16683
PERSELLO Arduino	ITA	World	Out-and-return distance	282.4km	27.06.12	Current	16572
PRIETO Marcelo	BRA	World	Distance using up to 3 turn points	285.4 km	19.10.12	Current	16674
PRIETO Marcelo	BRA	World	Straight distance to a declared goal	420.3 km	26.10.12	Current	16684

PUNET PELLISÉ Carlos	ESP	World	Out-and-return distance	372 km	09.01.12	Current	16427
VERTES Balazs	HUN	European	Straight distance to a declared goal	249.6 km	06.05.12	Current	16546
VILS Erick	BRA	South-American	Straight distance to a declared goal	218.66 Km	20.08.12	Under review	16611
WOLF André	BRA	South-American	Straight distance	494.8 km	26.01.12	Current	16433

### MICROLIGHTS AND PARAMOTORS

ATKINSON Chris	AUS	World	Distance in a straight line with limited fuel	135.1 km	02.01.12	Superseded	16424
ATKINSON Chris	AUS	World	Distance in a straight line with limited fuel	196.38 km	22.01.12	Current	16431
ATKINSON Chris	AUS	World	Distance in a closed circuit with limited fuel	132.06 km	19.02.12	Current	16489
ATKINSON Chris	AUS	World	Distance in a straight line with limited fuel	353.691 km	10.11.12	Under review	16718
BÉM Jan	CZE	World	Time to climb to a height of 3,000 m	5 min 22 sec	15.10.12	Current	16672
CARNET Michel	GBR	World	Distance in a closed circuit with limited fuel	149.65 km	06.03.12	Superseded	16500
FOX Matthew	AUS	World	Distance in a closed circuit with limited fuel	151.8 km	10.03.12	Current	16501
KRAKOWIAK Marcin	POL	World	Precision Circuit in the Shortest Time ("Clover leaf Slalom") (Chp Record)	42.53 sec	29.08.12	Under review	16628
MATEOS Alexandre	FRA	World	Precision Circuit in the Shortest Time ("Clover leaf Slalom") (Chp Record)	36.31 sec	29.08.12	Current	16631
MICHEL Gilles	FRA	World	Speed over a straight course	285.78 km/h	15.09.12	Current	16618
MORGAN Mark	GBR	World	Distance in a closed circuit with limited fuel	137.5 km	25.02.12	Superseded	16499
OLIVE William	AUS	World	Distance in a straight line without engine power	48.4 km	25.09.12	Current	16632
PLAK Emilia	POL	World	Precision Circuit in the Shortest Time ("Clover leaf Slalom") (Chp Record)	41.38 sec	29.08.12	Under review	16629
SHAW Ryan	USA	World	Speed over a closed circuit of 50 km	75.35 km/h	31.03.12	Current	16518
SHAW Ryan	USA	World	Speed over a straight course	80.55 km/h	08.04.12	Current	16521
SHAW Ryan	USA	World	Time to climb to a height of 3,000 m	23 min 9 sec	31.10.12	Under review	16690
SHAW Ryan	USA	World	Altitude	4,512 m	07.12.12	Claim	16715
SHAW Ryan	USA	World	Time to climb to a height of 3,000 m	56 min	07.12.12	Claim	16716
SHENG Guangqiang	CHN	World	Endurance with limited fuel (Chp Record)	1h 02 min 40 sec	18.06.12	Current	16569
SINGH Parmjit	IND	World	Distance in a straight line without landing	313.13 km	17.02.12	Current	16487
SOULLIER Jean Luc	BEL	World	Altitude	2,366 m	27.02.12	Current	16497
SOULLIER Jean Luc	BEL	World	Distance over a closed circuit without landing	50.13 km	27.02.12	Current	16496
SOULLIER Jean Luc	BEL	World	Speed over a closed circuit of 50 km	136.4 km/h	27.02.12	Current	16495
SOULLIER Jean Luc	BEL	World	Speed over a straight course	189.87 km/h	29.09.12	Current	16638
ZYGADŁO Ryszard	POL	World	Precision Circuit in the Shortest Time ("Clover leaf Slalom") (Chp Record)	77.96 sec	29.08.12	Under review	16630

### PARACHUTING

BATSCH Nicolas J.	USA	World	Distance	151.95 m	15.06.12	Current	16601
BATSCH Nicolas J.	USA	World	Distance	154.09 m	01.12.12	Claim	16713
BAUMGARTNER Felix	AUT	World	Vertical speed without drogue	586.92 km/h	15.03.12	Superseded	16435
BAUMGARTNER Felix	AUT	World	Exit altitude	29,610 m	25.07.12	Under review	16591
BAUMGARTNER Felix	AUT	World	Vertical speed without drogue	864 km/h	25.07.12	Under review	16590
BAUMGARTNER Felix	AUT	World	Freefall distance	25,680 m	25.07.12	Under review	16592
BAUMGARTNER Felix	AUT	World	Freefall distance	36,402.6 m	14.10.12	Current	16671
BAUMGARTNER Felix	AUT	World	Exit altitude	38,969.4 m	14.10.12	Current	16670
BAUMGARTNER Felix	AUT	World	Vertical speed without drogue	1,357.6 km/h	14.10.12	Current	16669
EDGEINGTON Jessica	USA	World	Distance (Feminine)	120.18 m	14.06.12	Current	16603
EDGEINGTON Jessica	USA	World	Speed over a 70 m course (Feminine)	2.605 sec	14.06.12	Current	16604
TEAM	-	European	Largest Canopy Formation	20 parachutists	23.08.12	Under review	16615
TEAM	-	World	Largest head-down formation	138 parachutists	03.08.12	Current	16599
TEAM	-	World	Longest sequence 2-way (working time 60 sec)	36 formations	11.08.12	Current	16600
US TEAM	USA	World	Longest sequence 4-way (working time 120 sec)	13 formations	01.12.12	Claim	16714
WINDMILLER Greg	USA	World	Speed over a 70 m course	2.404 sec	15.06.12	Current	16602

### POWERED AEROPLANES

ALLEN James T.	USA	World	Speed over a recognised course	915 km/h	08.11.12	Under review	16693
BUETHE Scott	USA	World	Speed over a recognised course	862.99 km/h	12.05.12	Current	16542
BUETHE Scott	USA	World	Speed over a recognised course	947.16 km/h	15.05.12	Current	16541
CAIRNS Douglas R.	GBR	World	Speed over a recognised course	272.09 km/h	27.06.12	Current	16570
CHATILLON Jean-Luc	FRA	World	Speed over a recognised course	222.4 km/h	14.03.12	Current	16429
CHATILLON Jean-Luc	FRA	World	Speed over a recognised course	190.6 km/h	14.03.12	Current	16432
DAVIS Shonin Casey	USA	World	Speed over a recognised course	837.5 km/h	11.04.12	Current	16522
DICKERSON Brian D.	USA	World	Speed over a recognised course	825 km/h	12.11.12	Under review	16695
DICKERSON Brian D.	USA	World	Speed over a recognised course	915 km/h	16.11.12	Under review	16697
DOBRIŃSKI Bernhard C.	GER	World	Speed over a recognised course	196.74 km/h	17.05.12	Current	16547
EVANS Scott S.	USA	World	Speed over a recognised course	855 km/h	12.11.12	Under review	16694
EVANS Scott S.	USA	World	Speed over a recognised course	770 km/h	13.11.12	Under review	16696
GREENE Randall A.	USA	World	Speed over a recognised course	715.53 km/h	24.05.12	Current	16548

GREENE Randall A.	USA	World	Speed over a recognised course	798.82 km/h	28.05.12	Current	16554
GRIGGS Zachary	USA	World	Speed over a recognised course	444.23 km/h	11.09.12	Current	16627
HENDRICKSON Eric	USA	World	Speed over a Commercial Airline Route	908.76 km/h	18.08.12	Current	16589
HILL Donald	USA	World	Speed over a Commercial Airline Route	870 km/h	27.09.12	Under review	16637
HOLLAND Travis P.	USA	World	Speed over a recognised course	378.69 km/h	08.04.12	Current	16520
KISSINGER Brian	USA	World	Speed over a recognised course	203.58 km/h	04.07.12	Current	16574
KORITSCHONER Santiago J.	USA	World	Speed over a recognised course	880 km/h	17.11.12	Under review	16699
KORITSCHONER Santiago J.	USA	World	Speed over a recognised course	835 km/h	17.11.12	Under review	16700
KORITSCHONER Santiago J.	USA	World	Speed over a recognised course	870 km/h	18.11.12	Under review	16701
KORITSCHONER Santiago J.	USA	World	Speed over a recognised course	915 km/h	18.11.12	Under review	16702
KORITSCHONER Santiago J.	USA	World	Speed over a recognised course	945 km/h	20.11.12	Under review	16703
KORITSCHONER Santiago J.	USA	World	Speed over a recognised course	910 km/h	20.11.12	Under review	16704
KORITSCHONER Santiago J.	USA	World	Speed over a recognised course	835 km/h	21.11.12	Under review	16705
KORITSCHONER Santiago J.	USA	World	Speed over a recognised course	935 km/h	21.11.12	Under review	16706
LARSON Alvin L.	USA	World	Speed over a recognised course	895 km/h	27.10.12	Under review	16687
LOWERY Mitchell	USA	World	Speed over a recognised course	891.7 km/h	05.01.12	Current	16417
MATTHEWS Douglas G.	USA	World	Speed over a recognised course	494.4 km/h	04.03.12	Current	16498
MATTHEWS Douglas G.	USA	World	Speed over a recognised course	469.7 km/h	20.03.12	Current	16517
MCCLELLAND Timothy J.	USA	World	Speed over a recognised course	965 km/h	22.01.12	Current	16430
MCCLELLAND Timothy J.	USA	World	Speed over a recognised course	755 km/h	24.11.12	Under review	16707
MCCLELLAND Timothy J.	USA	World	Speed over a recognised course	885 km/h	24.11.12	Under review	16708
MICHAELS Paris	USA	World	Speed over a Commercial Airline Route	760 km/h	06.11.12	Under review	16691
PARKHOMENKO Konstantin	RUS	World	Time to climb to 6,000 m with 1,000 kg payload	10 min 38.25 sec	08.09.12	Under review	16644
PARKHOMENKO Konstantin	RUS	World	Time to climb to 6,000 m with 2,000 kg payload	10 min 38.25 sec	08.09.12	Under review	16645
PARKHOMENKO Konstantin	RUS	World	Time to climb to 6,000 m with 5,000 kg payload	10 min 38.25 sec	08.09.12	Under review	16646
PARKHOMENKO Konstantin	RUS	World	Time to climb to a height of 9,000 m	22 min 02.25 sec	08.09.12	Under review	16647
PARKHOMENKO Konstantin	RUS	World	Time to climb to 9,000 m with 1,000 kg payload	22 min 02.25 sec	08.09.12	Under review	16648
PARKHOMENKO Konstantin	RUS	World	Time to climb to 9,000 m with 2,000 kg payload	22 min 02.25 sec	08.09.12	Under review	16649
PARKHOMENKO Konstantin	RUS	World	Time to climb to 9,000 m with 5,000 kg payload	22 min 02.25 sec	08.09.12	Under review	16650
PARKHOMENKO Konstantin	RUS	World	Altitude in horizontal flight	10,400 m	08.09.12	Under review	16651
PARKHOMENKO Konstantin	RUS	World	Time to climb to 3,000 m with 1,000 kg payload	4 min 24 sec	08.09.12	Under review	16634
PARKHOMENKO Konstantin	RUS	World	Time to climb to 3,000 m with 2,000 kg payload	4 min 24 sec	08.09.12	Under review	16641
PARKHOMENKO Konstantin	RUS	World	Time to climb to 3,000 m with 5,000 kg payload	4 min 24 sec	08.09.12	Under review	16642
PARKHOMENKO Konstantin	RUS	World	Time to climb to a height of 6,000 m	10 min 38.25 sec	08.09.12	Under review	16643
PARKHOMENKO Konstantin	RUS	World	Time to climb to a height of 3,000 m	4 min 24 sec	08.09.12	Under review	16633
RICE Douglas L.	USA	World	Speed over a Commercial Airline Route	860 km/h	11.12.12	Claim	16717
ROSE Nicholas A.	USA	World	Speed over a recognised course	840 km/h	11.09.12	Under review	16626
ROSE Nicholas A.	USA	World	Speed over a recognised course	840 km/h	11.09.12	Under review	16625
ROSE Nicholas A.	USA	World	Speed over a recognised course	795 km/h	12.09.12	Under review	16624
ROSE Nicholas A.	USA	World	Speed over a recognised course	815 km/h	13.09.12	Under review	16623
RUNDLE Brett C.	USA	World	Speed over a recognised course	811.99 km/h	10.05.12	Current	16539
RUNDLE Brett C.	USA	World	Speed over a recognised course	848.51 km/h	12.05.12	Current	16540
RUNDLE Brett C.	USA	World	Speed over a recognised course	756.31 km/h	17.05.12	Current	16543
RUNDLE Brett C.	USA	World	Speed over a recognised course	792.57 km/h	18.05.12	Current	16544
RUNDLE Brett C.	USA	World	Speed over a recognised course	793.98 km/h	06.06.12	Current	16561
RUNDLE Brett C.	USA	World	Speed over a recognised course	704.97 km/h	08.06.12	Current	16562
RUNDLE Brett C.	USA	World	Speed over a recognised course	718.19 km/h	08.06.12	Current	16563
SCHNEIDER Jeremy	USA	World	Speed over a recognised course	520 km/h	28.10.12	Under review	16688
TAYLOR Stephen	USA	World	Speed over a recognised course	797.11 km/h	16.09.12	Current	16622
WEAVER Lindsay	USA	World	Speed over a recognised course	272.09 km/h	27.06.12	Current	16571
WHITESIDE JR Will	USA	World	Time to climb to a height of 3,000 m	2 min 23 sec	27.02.12	Superseded	16490
WHITESIDE JR Will	USA	World	Time to climb to a height of 3,000 m	2 min 05 sec	28.02.12	Current	16494
WHITESIDE JR Will	USA	World	Time to climb to a height of 3,000 m	2 min 30 sec	27.02.12	Current	16492
WHITESIDE JR Will	USA	World	Time to climb to a height of 6,000 m	5 min 17 sec	27.02.12	Current	16491
WHITESIDE JR Will	USA	World	Time to climb to a height of 6,000 m	5 min 48 sec	27.02.12	Current	16493
WHITESIDE JR Will	USA	World	Speed over a 15 km course	614.02 km/h	23.04.12	Current	16533
WHITESIDE JR Will	USA	World	Speed over a 15 km course	608.47 km/h	23.04.12	Current	16532
WHITESIDE JR Will	USA	World	Speed over a 3 km course	511.79 km/h	23.04.12	Current	16531
WHITESIDE JR Will	USA	World	Speed over a closed circuit of 100 km	570.08 km/h	24.04.12	Current	16534
YURASOV E.	RUS	World	Time to climb to a height of 6,000 m	11 min 40 sec	07.09.12	Under review	16656
YURASOV E.	RUS	World	Time to climb to 6,000 m with 1,000 kg payload	11 min 40 sec	07.09.12	Under review	16657
YURASOV E.	RUS	World	Time to climb to 6,000 m with 2,000 kg payload	11 min 40 sec	07.09.12	Under review	16658
YURASOV E.	RUS	World	Time to climb to 6,000 m with 5,000 kg payload	4 min 58 sec	07.09.12	Under review	16655
YURASOV E.	RUS	World	Time to climb to 6,000 m with 5,000 kg payload	11 min 40 sec	07.09.12	Under review	16659
YURASOV E.	RUS	World	Time to climb to a height of 9,000 m	24 min 35 sec	07.09.12	Under review	16660
YURASOV E.	RUS	World	Time to climb to 9,000 m with 1,000 kg payload	24 min 35 sec	07.09.12	Under review	16661
YURASOV E.	RUS	World	Time to climb to 9,000 m with 2,000 kg payload	24 min 35 sec	07.09.12	Under review	16662
YURASOV E.	RUS	World	Time to climb to 9,000 m with 5,000 kg payload	24 min 35 sec	07.09.12	Under review	16663
YURASOV E.	RUS	World	Altitude in horizontal flight	10,400 m	07.09.12	Under review	16664

YURASOV E.	RUS	World	Time to climb to 3,000 m with 1,000 kg payload	4 min 58 sec	07.09.12	Under review	16653
YURASOV E.	RUS	World	Time to climb to 3,000 m with 2,000 kg payload	4 min 58 sec	07.09.12	Under review	16654
YURASOV E.	RUS	World	Time to climb to a height of 3,000 m	4 min 58 sec	07.09.12	Under review	16652
ZEREBÄ Björn	SWE	World	Speed over a recognised course	246.15 km/h	11.08.12	Current	16597

ROTORCRAFT							
FARIKH Mikhail	RUS	World	Speed over a recognised course	173.04 km/h	22.09.12	Current	16639
FARIKH Mikhail	RUS	World	Speed over a recognised course	99.34 km/h	23.09.12	Current	16640
FARIKH Mikhail	RUS	World	Speed over a recognised course	66.15 km/h	26.09.12	Current	16636
KLIMOV Alexandr	RUS	World	Altitude with 1,000 kg payload	7,895 m	10.09.12	Current	16620
KUTANIN Vladimir	RUS	World	Altitude without payload	8,620 m	26.08.12	Current	16612
KUTANIN Vladimir	RUS	World	Time to climb to a height of 6,000 m	10 min 52 sec	26.08.12	Current	16614
KUTANIN Vladimir	RUS	World	Time to climb to a height of 3,000 m	6 min	26.08.12	Current	16613
SADRIEV Salavat	RUS	World	Altitude with 2,000 kg payload	7,020 m	10.09.12	Current	16621
TISHKOV Sergiy	UKR	World	Altitude without payload	8,250 m	27.09.12	Current	16635

# Annexes & References

## List of 2011 Awards

[www.fai.org/awards](http://www.fai.org/awards)

### FAI GENERAL AWARDS

<b>FAI GOLD AIR MEDAL</b>	
DICKENSON John	AUS
<b>FAI SILVER MEDAL</b>	
JALOVAARA Osmo	FIN
<b>DE LA VAULX MEDAL</b>	
STS 131 / ISS 26 (ULF5) Crews Members	International
<b>SABIHA GOKCEN MEDAL</b>	
KLIMOVICH Elena	RUS
<b>FAI GROUP DIPLOMAS OF HONOUR</b>	
Qantas Airways Ltd	AUS
University of Toronto Institute of Aerospace Studies	CAN
Aeroklub Dvůr Králové nad Labem	CZE
Skydive Ampuriabrava	ESP
The Finnish National Team for Gliding World Championships 1952	FIN
Larisa Aeroclub	GRE
IGC GNSS Flight Recorder Approval Committee	IGC
Osaki Balloon Festival Executive Committee and Osaki City	JPN
Aeroklub Pomorski - Torun	POL
The editors of magazine "Parachute"	RUS
Aero club "Franjo Kluz"	SRB
Klub Kozmických Modelářov Košice	SVK
<b>PAUL TISSANDIER DIPLOMAS</b>	
GRAF Kurt	AUT
SALZINGER Otto	AUT
GOOSSENS Camille	BEL
PONCELET Roger	BEL
DELAURIER Dr. James	CAN
GIDI Carlos	CHI
FIALA Milos	CZE
DVORAK Vlastimil	CZE
KOKKONEN Timo	FIN
JULIEN Pierre	FRA
ARMANET Max	FRA
CHABBERT Bernard	FRA
DUNKLEY Chris	GBR
NEWBY Graham	GBR
BROWNING Hugh	GBR
SAVRAMIS Evangelos	GRE
CORBETT Jim	IRL
BRUCKSTEIN Shmuel	ISR
MAZZARACCHIO Antonio	ITA
MARCHET Corrado	ITA
GIANNINI Luciano	ITA
SATO Junzo	JPN
KOHAMA Shinya	JPN
KWAK Jung So	KOR
SHIN Kwang Chul	KOR
MASÉNAS Visvaldas	LTU
HÅKENSEN Lars	NOR
GORE Ralph J	NZL
HARRIS Roger J	NZL
BUKOWSKI Zbigniew	POL
DARÓCHA Janusz	POL
SILVA SALTA Manuel	POR
ZINCHENKO Lyudmila	RUS
BIBISHEV Mikhail	RUS
SHPOLYANSKY Oleg	RUS

TONKOVIC Radmila	SRB
ROURA FRONT Jordi	ESP
RUIZ LUCIENTES Fernando	ESP
MONOD Gaston	SUI
SCHIMIK Gustáv	SVK
BUHARA Arif Kemal	TUR
ÖZIL Haluk	TUR
SKAAR Rodney M.	USA

### FAI AWARDS FOR INDIVIDUAL DISCIPLINES

#### AEROBATICS

<b>LEON BIANCOTTO AEROBATICS DIPLOMA</b>	
ARESTI Jose Luis	ESP

#### AEROMODELLING

<b>AEROMODELLING GOLD MEDAL</b>	
REE Andras	HUN
<b>ALPHONSE PENAUD AEROMODELLING DIPLOMA</b>	
MAZZARACCHIO Antonio	ITA
<b>FRANK EHLING DIPLOMA</b>	
HATTORI Tetsuo	JPN

#### AMATEUR BUILT AND EXPERIMENTAL AIRCRAFT

<b>PHOENIX DIPLOMA</b>	
CARLSSON Michael (see: cover page 4)	SWE
<b>PHOENIX GROUP DIPLOMA</b>	
SLATER Stephen and BODDINGTON Matthew (see: page 9)	GBR

#### ASTRONAUTICS

<b>YURI A. GAGARIN GOLD MEDAL</b>	
Crew of Space Shuttle STS-135 / ISS Assembly Mission ULF7	USA
<b>VLADIMIR M. KOMAROV DIPLOMA</b>	
Crew of ISS Expedition 28	USA
<b>KOROLEV DIPLOMA</b>	
Crew of Space Shuttle STS-133 / ISS Assembly Mission ULF5	USA

#### GENERAL AVIATION

<b>CHARLES LINDBERGH GENERAL AVIATION DIPLOMA</b>	
BOLEN Edward	USA

#### GLIDING

<b>LILIENTHAL GLIDING MEDAL</b>	
GALETTO Giorgio	ITA
<b>PELAGIA MAJEWSKA GLIDING MEDAL</b>	
VAN DEN BROECK Gill	BEL
<b>PIRAT GEHRIGER DIPLOMA</b>	
TOMASI Andrea	ITA

#### HANG GLIDING

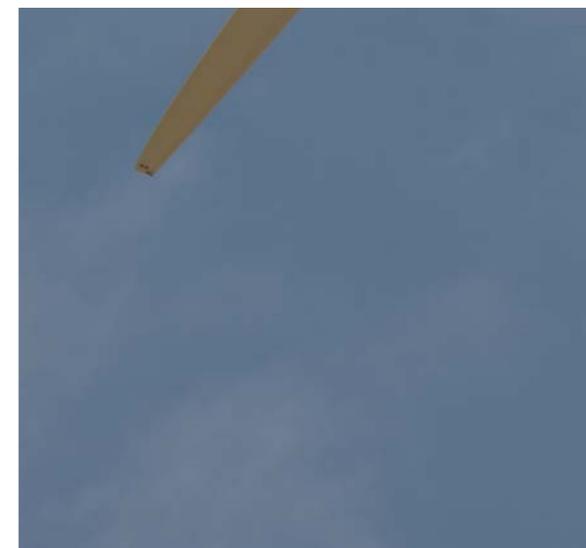
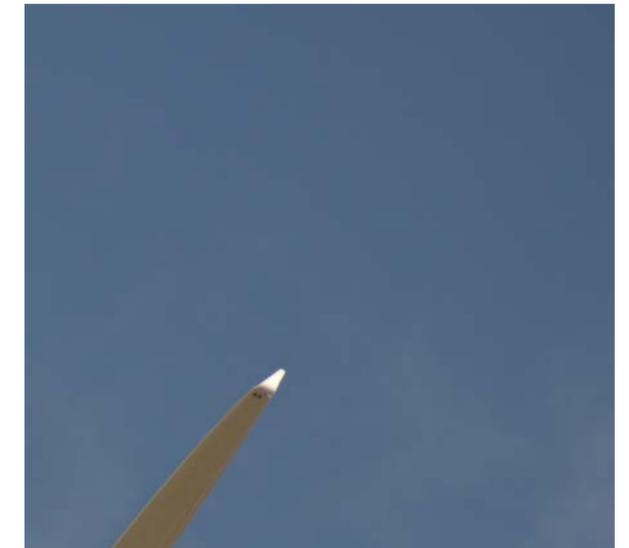
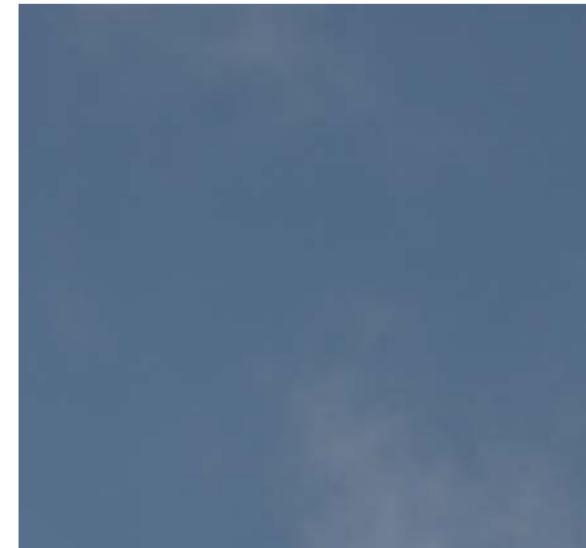
<b>PEPE LOPES MEDAL</b>	
VILKUNA Riikka	SWE
<b>HANG GLIDING DIPLOMA</b>	
ONODY Miklos	HUN

#### MICROLIGHTS

<b>COLIBRI DIPLOMA</b>	
SKYES Dave	GBR
<b>ANN WELCH DIPLOMA</b>	
BEM Jan and ZALUSKA Olga	CZE

#### PARACHUTING

<b>GOLD PARACHUTING MEDAL</b>	
Tim MACE	RSA



# Annexes & References

## List of Members

Situation as at 31 December 2012  
[www.fai.org/members](http://www.fai.org/members)

COUNTRY	YEAR OF 1ST AFFILIATION	CURRENT MEMBER IN THE COUNTRY	CLASS
<b>ACTIVE MEMBERS</b>			
Albania	2000	FEDERATA SHQIPTARE E AERONAUTIKES	10
Argentina	1910	CONFEDERACION ARGENTINA DE ENTIDADES AERODEPORTIVAS	8
Australia	1948	AUSTRALIAN SPORT AVIATION CONFEDERATION	4
Austria	1910	ÖSTERREICHISCHER AERO CLUB	5
Azerbaijan	2000	AZARBAYCAN HAVA VA EKSTREMAL IDMAN NÖVLACI FEDERASIYASI	10
Belarus	1994	BELARUSIAN FEDERATION OF AIR SPORTS	9
Belgium	1905	ROYAL BELGIAN AERO CLUB	5
Bosnia and Herzegovina	1996	VAZDUHOPLOVNI SAVEZ BOSNE I HERCEGOVINE	10
Brazil	1919	COMISSÃO de AERODESPORTO BRASILEIRA	5
Bulgaria	1934	BULGARSKI NATIONALEN AEROKLUB	10
Canada	1931	AERO CLUB OF CANADA	4
Chile	1921 *	FEDERACION AEREA DE CHILE	9
China (People's Republic of)	1921 *	AERO SPORTS FEDERATION OF CHINA	4
Chinese Taipei	1990	CHINESE TAIPEI AEROSPORTS FEDERATION	9
Colombia	1951	FEDERACION COLOMBIANA DE DEPORTES AEREOS "FEDERAEROS"	10
Croatia	1992	HRVATSKI ZRAKOPLOVNI SAVEZ	8
Cuba	1927	AVIATION CLUB OF CUBA	10
Cyprus	1961	KYPRIAKI AERATHLITIKI OMOSPONDIA	10
Czech Rep.	1920	AEROKLUB Ceské REPUBLIKY	6
Denmark	1909	KONGELIG DANSK AEROKLUB	6
Ecuador	1953 *	CLUB DE AEROMODELISMO QUITO	10
Egypt	1911	AERO CLUB OF EGYPT	9
Estonia	1938	EESTI LENNUSPORDI FÖDERATSIOON	10
Finland	1921	SUOMEN ILMAILULIITTO RY	5
Former Yugoslav Rep. of Macedonia	1993	VOZDUHOPLOVNA FEDERACIJA NA MAKEDONIJA	10
France	1905	AERO CLUB DE FRANCE	2
Georgia	1993 *	GEORGIAN AERONAUTICAL FEDERATION	10
Germany	1905 *	DEUTSCHER AERO CLUB e.V.	2
Greece	1931	ELLINIKI AERATHLITIKI OMOSPONDIA	9
Guatemala	1953 *	ASOCIACION GUATEMALTECA DE DEPORTES AEREOS	10
Hong Kong, China	1977	HONG KONG AVIATION CLUB Ltd	10
Hungary	1910	MAGYAR REPÜLŐ SZÖVETSÉG	6
Iceland	1937	FLUGMÁLAFÉLAG ÍSLANDS	10
India	1949	AERO CLUB OF INDIA	9
Indonesia	1973	FEDERASI AERO SPORT INDONESIA	7
Iran	1964	KANOONE HAVANAVARDIYE IRAN	10
Ireland	1946	NATIONAL AERO CLUB OF IRELAND	9
Israel	1951	AERO CLUB OF ISRAEL	8
Italy	1905	AERO CLUB D'ITALIA	1
Japan	1919	NIPPON KOKU KYOKAI	4
Jordan	1980 *	ROYAL AEROSPORTS CLUB OF JORDAN	10
Kazakhstan	1994	ASSOCIATION OF LIGHT AVIATION OF THE REPUBLIC OF KAZAKHSTAN	10
Korea	1959 *	DAEHANMINGOOK HANG GONG HWE	6
Korea (People's Dem. Rep.)	1959 *	CENTRAL AERONAUTIC ASSOCIATION OF D.P.R. KOREA	10
Kuwait	1972 *	KUWAIT SCIENCE CLUB	10
Latvia	1938	LATVIJAS AEROKLUBS	10
Lebanon	1924	AERO CLUB DU LIBAN	10
Lithuania	1931	LIETUVOS AEROKLUBAS	8
Luxemburg	1929	FEDERATION AERONAUTIQUE LUXEMBOURGEOISE	10
Malaysia	1961	PERSEKUTUAN SUKAN UDARA MALAYSIA	10
Mexico	1931	FEDERACION MEXICANA DE AERONAUTICA, A.C.	9
Moldova	1997	FEDERATIA DE PARAPANTISM DIN REPUBLICA MOLDOVA	10
Monaco	1947	AERO CLUB DE MONACO	10
Mongolia	2006	MONGOLIAN AIR SPORTS FEDERATION	10
Montenegro	1922	VAZDUHOPLOVNI SAVEZ CRNE GORE	10
Morocco	1952 *	FEDERATION ROYALE MAROCAINE DE L'AVIATION LEGERE ET SPORTIVE	10

Mozambique	1986	AEROCULBE DE MOCAMBIQUE	10
Nepal	2002	NEPAL AIRSPORTS ASSOCIATION	10
Netherlands	1909	KONINKLIJKE NEDERLANDSE VERENIGING VOOR LUCHTVAART	5
New Zealand	1952	ROYAL NEW ZEALAND AERO CLUB Inc.	7
Norway	1909	NORGES LUFTSPORTFORBUND	5
Pakistan	1955 *	ALL PAKISTAN AERO MODELLING & ULTRALIGHT ASSOCIATION	9
Philippines	1965	3D AIR SPORTS AND HOBBIES ASSOCIATION, INCORPORATED	10
Poland	1920	AEROKLUB POLSKI	5
Portugal	1913	AERO CLUB DE PORTUGAL	9
Qatar	2002	QATAR AIR SPORTS COMMITTEE	10
Romania	1923	FEDERATIA AERONAUTICA ROMANA	8
Russia	1909	FEDERATSIYA AVIATIONNOGO SPORTA ROSSII	3
San Marino	1971	FEDERAZIONE AERONAUTICA SAMMARINESE	10
Saudi Arabia	1997 *	SAUDI AVIATION CLUB	10
Serbia	1922	VAZDUHOPLOVNI SAVEZ SRBIJE	9
Singapore	1984	AEROMODELLING FEDERATION OF SINGAPORE	10
Slovakia	1920	SLOVENSKY NARODNY AEROKLUB GENERALA M.R. STEFANIKA	8
Slovenia	1992	LETALSKA ZVEZA SLOVENIJA	8
South Africa	1938	AERO CLUB OF SOUTH AFRICA	6
Spain	1905	REAL FEDERACIÓN AERONÁUTICA ESPAÑOLA	5
Sweden	1907	SVENSKA FLYGSPORTFÖRBUNDET	4
Switzerland	1905	AERO CLUB DER SCHWEIZ	3
Thailand	1979	ROYAL AERONAUTICS SPORTS ASSOCIATION OF THAILAND	10
Turkey	1929	TÜRK HAVA KURUMU	5
Ukraine	1992	FEDERATION OF AERONAUTICAL SPORTS OF UKRAINE	7
United Arab Emirates	1980	EMIRATES AVIATION ASSOCIATION	10
United Kingdom	1905	ROYAL AERO CLUB OF THE UNITED KINGDOM	3
USA	1905	NATIONAL AERONAUTIC ASSOCIATION OF THE USA	1
Uzbekistan	1995	TEXNIK VA AMALIY SPORT TURLARI MARKAZI	10
Venezuela	1952 *	ASOCIACION VENEZOLANA DE LOS DEPORTES AERONAUTICOS (A.V.D.A.)	10

### ASSOCIATE MEMBERS

Bahrain	2007	ROYAL BAHRAIN PARACHUTING COMMITTEE	
Brazil	1919	CONFEDERAÇÃO BRASILEIRA DE AEROMODELISMO	
Egypt	1911	EGYPTIAN SPORT PARACHUTING AND AERONAUTICS FEDERATION	
Liechtenstein	1967	MODELLFLUGGRUPPE LIECHTENSTEIN	
Liechtenstein	1967	LIECHTENSTEINISCHER HÄNGEGLEITER- VERBAND	
Mali	2010	FEDERATION MALIENNE DE SPORTS AIR	
Oman	2008	OMAN NATIONAL FREE FALL TEAM	
Panama	1974 *	ASOCIACION DE PARACAIDISMO DEPORTIVO DE PANAMA	
Qatar	2002	QATAR AEROMODELLING RACING TEAM	
Romania	1923	FEDERATIA ROMANA DE MODELISM	
Saint-Kitts-and-Nevis	2012	ST KITTS AND NEVIS NATIONAL PARACHUTE ASSOCIATING	
Tunisia	1962 *	ASSOCIATION TUNISIENNE DES SPORTS AERIENS	

### AFFILIATE MEMBERS

-	2006	ASIANIA	
-	2012	COLPAR	
-	1994	EUROPE AIRSPORTS	
-	1977	O.S.T.I.V.	

### TEMPORARY MEMBERS

Armenia	1998 *	NATIONAL COMMITTEE OF AEROMODELLING AND SPACEMODELLING SPORTS	
El Salvador	1998	FEDERACION SALVADOREÑA DE PARACAIDISMO Y AERODEPORTES	
Iraq	1979	AL-SOKOOR AERO CLUB	
Palestine	2008	PALESTINE AIR SPORTS FEDERATION	
Paraguay	1985 *	ASOCIACION PARAGUAYA PARACAIDISMO DEPORTIVO	
Suriname	1980 *	AERO MODELERS SURINAME	
Syrian Arab Republic	1924	SYRIAN PARACHUTE FEDERATION	
Trinidad and Tobago	1998	SAVANNAH AERO CONCEPTS	
Vietnam	2008	HANOI AIR SPORTS ASSOCIATION	

\* This country has not been permanently Member of the FAI

### DEFINITIONS

CLASS	AIR SPORT PERSONS (APS)	
	Lower	Upper
1	200,000	& over
2	100,000	200,000
3	30,000	100,000
4	15,000	30,000
5	10,000	15,000
6	5,000	10,000
7	3,000	5,000
8	2,000	3,000
9	1,000	2,000
10	under	1,000

# Annexes & References

## FAI Structure

[www.fai.org/about-fai/structure](http://www.fai.org/about-fai/structure)

To fulfill its objectives and meet the evolving needs of each air sport and area of activity, the FAI has constantly adjusted its organisational structure. Today, the FAI comprises the following elements:

### GENERAL CONFERENCE

The supreme policy-making body defines the aims of FAI, determines its Statutes and By-Laws and elects the President and the Executive Board. The General Conference convenes once a year. It consists of Delegates appointed by Active and Associate Members in good standing, designated representatives of International Affiliate Members in good standing, FAI elected Officers, Presidents of Honour, Honorary Patrons of FAI, Companions of Honour, and Delegates appointed by Presidents of Commissions.

### EXECUTIVE BOARD

The FAI Executive Board is the principal executive body of FAI, responsible for implementing the policies and decisions made by the General Conference and exercising those powers of the General Conference that are delegated to it by that body. The Executive Board, chaired by the FAI President, is jointly responsible to the General Conference for all decisions made and actions taken between General Conferences.

### President

Dr. John Grubbström

### Executive Directors

Mr. Alvaro de Orleans Borbón

- Deputy to the President
- FAI/Air Sport Commissions relation principles
- FAI commercial ventures
- IPETA Task Force

Mr. Robert Clipsham

- Executive Director Finance
- FAI representative as FAME Director

Mr. Frederik (Frits) Brink

- Membership issues
- Coordination with international sports organisations
- Media issues
- Coordination with the Statutes Working Group

Mr. Robert Henderson

- FAI Sports Strategy
- FAI representative as FAME Chairman
- Anti-Doping

Mr. Otto Lagarhus

- FAI Regional Management System
- Regulation and Safety Expert Groups
- Coordination with international aviation organisations
- IPETA Task Force

Mr. Beat Neuenschwander

- FAI Expert System, Airspace and Navigation Expert Groups
- Strategic support to Head Office issues

### Secretary General

Mr. Jean-Marc Badan (non-voting member)

### AIR SPORT COMMISSIONS (ASCs)

The Air Sport Commissions control the activities of the different disciplines governed by the FAI: Aerobatics, Aeromodelling, Amateur built and Experimental Aircraft, Astronautic Records, Ballooning, General Aviation, Gliding, Hang Gliding and Paragliding, Microlights and Paramotors, Parachuting and Rotorcraft.

### TECHNICAL COMMISSIONS (TCs)

These Commissions control non-sporting activities such as Aviation and Space Education, Aviation medicine, Environmental matters, Navigation and Air Space matters (dissolved at the 2012 General Conference).

### MEMBERS

The Member Nations of FAI are represented by their "National Air Sport Controls" (NACs). At the General Conference, voting powers are held by FAI Active Members and by the Air Sport Commissions. With more than 100 Members, the FAI brings together at international level representatives of all air sport disciplines.

The FAI Members are categorised as follows:

- **Active Members**, being those organisations which represent all the disciplines practiced in their respective country
- **Associate Members**, which represent only one discipline. There can be no more than two associate members in a given country without their forming a national organisation and becoming an Active Member
- **Temporary Members**, being those national organisations which intend to become an Active or Associate Member of the FAI but are not yet in a position to fulfill all the rights and duties of those members
- **International Affiliate Members**, other international organisations sharing common goals with the FAI

### EXPERT GROUPS (EGs)

The FAI Expert Groups are persons with expertise in specific areas who are called upon when there is a need for technical expertise. They are appointed by the FAI Executive Board and are on stand-by and assignments are only carried out "on demand".

In 2012 the FAI Executive Board started the development of a new FAI Expert System which includes 8 Expert Groups: Airspace, Navigation, Safety, Regulation, IT, Airsport facilities, Technology, Marketing and Communication.

### REGIONAL VICE-PRESIDENTS (RVPs)

The FAI Regional Vice Presidents – a function created in 2012 – are appointed by the FAI Executive Board to increase the management resources of the FAI and provide the Executive Board with a tool for effective regional presence and a mechanism to promote air sports in a particular region.

In addition to the main objective, the goals of this structure are as follows:

- Establish and improve international and regional representation
- Improve the service to and communication with the NACs in the region
- Facilitate promotion and recruitment to the FAI, also for countries not presently represented in the FAI
- As or if requested, assist the Air Sports Commissions in matters pertaining to the applicable region

Effective implementation of the FAI Regional Vice President (RVP) function will result in a much needed vitalisation of the FAI management structure, especially in the area of NAC communication and interaction, regional and international representation and the promotion of FAI, inside and outside of the FAI.

The Regional Management System has started with two regions, namely East and South Asia and South America. It will be expanded as needs arise in the other regions.

The first positive results were achieved in Asia, where Mr. Tengku Abdillah, FAI Regional Vice-President for South & East Asia, was particularly active in recruiting new FAI Members, as well as in coordinating work and giving advice relating to the Asian Beach Games.

### VICE-PRESIDENTS

The FAI Vice Presidents consist of the Vice Presidents representing Active Members and the Presidents of the Air Sport Commissions.

### HEAD OFFICE

The FAI Head Office is managed by the Secretary General, who is responsible for the day-to-day operations of the federation.

# Credits

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## In collaboration with:

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FAI Head Office, Commissions and Executive Board

## DESIGN

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## PHOTOS

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Daniel Karlsson

Aerospace

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Exclusive SuperQuartz™ movement

Officially chronometer-certified

Water-resistant to 100 m/330 ft



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