FAI
Annual Report 2013

FAI – Fédération Aéronautique Internationale
FAI – The World Air Sports Federation
FAI AnnuAl RepoRt – 2012

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

A great variety of thrilling competitions all around the world, breath-taking record performances, a successful participation in The World Games, new FAI-Breitling Awards, a new agreement with Red Bull Air Race, progress in youth, environment and women in air sports... This is only a sample of all that was achieved in 2013, but it shows the huge diversity of our activities and how they involve a myriad of people from varied backgrounds and cultures, all bound together by the passion for air sports.

Without a doubt, the word passion can also be used to refer to the last recipient of the FAI Gold Air Medal, Aerobatic Pilot Mikhail Mamistov from Russia, and to all those who had the chance to admire this exceptional multiple champion manoeuvre his plane in the air with extraordinary virtuosity.

Indeed, a competition is a complete success not only when it unfolds according to rules, but also when spectators participate by cheering the athletes on, as was the case at The World Games 2013 in Cali, Colombia, at the Parachuting, Paragliding and Aeromodelling events. How uplifting it was to see our athletes encouraged by such enthusiastic and large crowds! How satisfying it was to see all the thousands of tickets for our events sold out even before the start of the competitions!

Beyond the popularity of our events at The World Games, we can see that our sports have a fantastic potential that the FAI must explore. It is our role to provide the necessary direction and focus in harnessing the energies. For instance, there is a lot to do on the improvement of the competition formats to make them more media and spectator friendly. In that respect, the International Parachuting Events & Tours Association (IPETA) is progressing well and has been working hard since 2012 to launch the IPETA Canopy Piloting Tour in 2014. I look forward to following our parachutists swooping over the ponds of various cities around the world.

I may also mention Gliding which has also been very active in developing the FAI Sailplane Grand Prix. These are only two examples showing the way forward for our competitions.

As for FAME, the FAI Air Sports Marketing and Events SA, the year has been busy coming to agreement with several of our Air Sport Commissions. However the level of activities was not as high as expected and more effort must be put into producing tangible results. FAME also managed the activation of FAI’s contract with our Global Sponsor, Swiss luxury watch brand Breitling, with ten competitions receiving Breitling support and branding.

I was delighted to see the collaboration with Breitling bloom on the occasion of the creation of two new FAI-Breitling Awards: the Breitling Milestone Trophy, to reward those who accomplished a significant achievement; the Breitling Youngster Award, to honour talented youth. I had the pleasure of presenting the recipients with their awards at the last FAI General Conference, together with Breitling representatives.
Another source of satisfaction was the resumption of the Red Bull Air Race for the 2014 season, which led to an agreement with FAI including the provision of a safety officer and medals. This can only be positive news for our sports to have an air race with such sensational media exposure take place again.

We are all proud of FAI’s rich tradition of aviation pioneers, and it is exciting to see it continue today. Charles Lindbergh’s or Amelia Earhart’s courage and determination are the very same feelings that animate the hearts of today’s pilots – only the technologies have changed: in 2013, André Borschberg and Bertrand Piccard crossed America on board the solar-powered aircraft Solar Impulse; the recipient of the Alvaro de Orleans Borbon Grant, Todd Reichert, achieved record performances with his human-powered helicopter; the 2013 Icarus Cup was the first ever Human-Powered Aircraft competition to be sanctioned by FAI.

What is now achieved by these pioneers must inspire the whole air sports community. Integrating the “green” dimension into our sports is FAI’s next challenge which we have grasped; new competitions for low-emission and electric classes are in the making, and initiatives for aviation as part of a clean and environmentally friendly world will be rewarded with the new Angela d’Arrigo Diploma for the first time in 2014. However, we must get used to systematically taking into account the environmental factor when starting new projects or awarding competitions.

Expertise in environmental matters, but also in medicine, airspace, new technologies and safety, to name a few, is an important part of FAI, which are in constant development within the Expert System. For Anti-Doping, it was the first year of a full Registered Testing Pool developed following the official process.

A parameter that the FAI has been considering for several years is the growing success of air sports all over the world. In that perspective, the 2013 FAI Active Members’ Presidents meeting was organised for the first time in Asia (in Hong Kong, China), following the particularly fast-paced development of aeronautics in this part of the world. Furthermore, the Regional Management Structure, which already included Regional Vice Presidents for East & South Asia and South America, was extended to Africa.

At the 107th FAI General Conference in Kuala Lumpur, the FAI approved the new Membership of Laos, Libya, Peru and Portugal (Aeromodelling). I would like to welcome them and to convey my gratitude to the Malaysian Sport Aviation Federation which organised the event superbly. My congratulations also go to the Aero Club of Portugal which in 2013 celebrated its centenary within FAI.

Last but not least, I take this opportunity to warmly thank all the event organisers, volunteers and FAI Head Office staff for the immense work they did in 2013.

Dr. John Grubbström
FAI President
Air Sports
Aerobatics
Commission
CIVA

www.fai.org/aerobatics
→ CIVA YOUTUBE CHANNEL

In 2013, four World and European Aerobatic Championships were supervised by the FAI Aerobatics Commission. In some cases, the unexpected difficult weather conditions made the running of the events challenging, but in the end they could all be validated. Still on the event side, the Commission made noticeable efforts to help officials fulfil their duties by providing the judges with new learning possibilities and the organisers with a Championship Guide.

CHAMPIONSHIPS & EVENTS
− 16th FAI World Glider Aerobatic Championships in Oripaa (FIN) → PHOTOS
− 4th FAI World Advanced Glider Aerobatic Championships in Oripaa (FIN) → PHOTOS
The 2 championships were held together to make the financing of the event easier.
19 pilots from 7 countries in the 16th FAI World Glider Aerobatic Championships and 40 pilots from 11 countries competed in the 4th FAI World Advanced Glider Aerobatic Championships.

Despite marginal weather, competition flights could be conducted without incident and without resorting to sequence splitting or cutting of figures.
− 8th FAI European Advanced Aerobatic Championships at the Radom - Piastow Airfield (POL) → PHOTOS
In total 48 pilots competed in this event, plus one from Japan classified as “Hors Concours (H/C)”.
− 27th FAI World Aerobatic Championships at the North Texas Regional Airport (USA) → PHOTOS

The start list had 58 pilots from 17 different countries including 5 “H/C” pilots. The contest could be completed, albeit in an abbreviated form, despite the adverse weather conditions.

Additionally, the following Category 2 event took place in 2013:
− 2013 Aerobatic Freestyle Challenge in Prague (CZE)

JUDGES AND EVENT ORGANISERS
The Commission started CIVA judging seminars where material and teachers were provided at a subsidised cost, while a new e-learning tool for judges was launched at the beginning of the season to help them better prepare for championships.
Furthermore, the Commission finalised the new Championship Guide after several years of work and made it available to the event organisers.

MEETING
The Annual Meeting of the Commission took place in Tallinn, Estonia, on 8 and 9 November 2013. → PHOTOS

“More information for judges and event organisers”
Air Sports
Aeromodelling Commission
CIAM

www.fai.org/aeromodelling
→ CIAM YOUTUBE CHANNEL

The FAI Aeromodelling Commission was again very active with a great number of FAI-sanctioned events both for Categories 1 and 2. In addition to that, a lot of non-competition events have been organised by FAI members such as air-shows or fly-ins. Indoor AeroMusicals was for the first time present at The World Games and proved to be a great success amongst the crowds.

CHAMPIONSHIPS & EVENTS
− 2013 FAI World Championship for Aerobatic Model Aircraft in Coburg (GER) → photos
− 2013 FAI World Championship for Freestyle Model Helicopters in Wloclawek (POL)
− 2013 FAI World Championship for Aerobatic Model Helicopters in Wloclawek (POL)
− 2013 FAI World Championship for Pylon Racing Model Aircraft in Deelen (NED)
− 2013 FAI World Championship for Hand-Launched Gliders in Herning (DEN)
− 2013 FAI World Championships for Free Flight Model Aircraft in Moncontour (FRA) → photos
− 2013 FAI World Championship for Multi-Task Gliders in Nardt (GER) → photos
− 2013 FAI World Championship for Aerobatic Model Aircraft in Midvaal Raceway (RSA)
− 2013 FAI Junior World Championship for Free Flight Slope Soaring Model Aircraft in Martin (SVK) → photos
− 2013 FAI World Championship for Free Flight Slope Soaring Model Aircraft in Martin (SVK) → photos

Additionally, 8 European Championships were held in 2013, and almost 300 Category 2 events including world cups, international or open events took place in all parts of the world.

Aeromodelling was present at The World Games 2013 event in Cali, Colombia, as a demonstration sport (see pages 26–27).

SCHOLARSHIP
Eight candidates submitted applications for the third Aeromodelling scholarship which is worth 2,000 Euros. The Delegates at the Commission Annual Meeting voted to award it to Loïc Burbaud (FRA).

CONTEST
The Commission and CONTEST, the German company organising the CONTEST-Eurotour series of Aeromodelling events, agreed to closely work together for the good of Aeromodelling by signing a Memorandum of Understanding.

Following the agreement, the CONTEST-Eurotour International Series of events consist of FAI / CIAM Category 2 events of the F3 Radio Control Soaring and F5 Electric Flight classes. They are carried out according to the current FAI Sporting Code Section 4 (Aeromodelling Section) and are registered in the FAI Events Calendar.

MEETING
The Delegates of the Commission met in Lausanne, Switzerland, on 19 and 20 April 2013. → photos

“A great number of events”
2013 was FAI Amateur-Built and Experimental Aircraft Commission’s second year as an Air Sport Commission and the conversion progress is still ongoing. The objective is to take care of competitions and records while developing new disciplines to entice FAI Members to extend their new technologies activities.

The 2013 Icarus Cup for Human-Powered Aircraft became the first Human-Powered Aircraft competition to be sanctioned by the FAI. This exciting branch of aviation has continued to develop tremendously worldwide within the last five years and the Commission is keen to encourage that development through international competitions.

SPORTING CODE
The Commission, which already manages Section 11 (Human-Powered Aircraft) of the Sporting Code, took ownership of Section 13 which sets out the rules and procedures to be used to verify solar-powered aeroplane flight performances, such as those achieved with Solar Impulse.

2013 ICARUS CUP FOR HUMAN-POWERED AIRCRAFT
The FAI-sanctioned the 2013 Icarus Cup for Human-Powered Aircraft as a Category 2 event. It was the very first time that this sport featured in the FAI Events Calendar.

The Icarus Cup is organised by the Royal Aeronautical Society (RAeS) at Sywell Aerodrome Northampton, Great Britain. Teams try and complete the following series of challenges designed to test all aspects of human-powered flight: duration, a 200 m sprint race, a 1 km race, a slalom course, a take-off performance and landing accuracy task and distance around a triangular course.

Several FAI personalities collaborated with the organising committee and were present during the event to both share their long experience in air sports event organisation and learn how to successfully run a Human-Powered Aircraft competition, in preparation for a potential 1st FAI World Championship for Human-Powered Aircraft in 2015.

SOLAR IMPULSE
During the record flights of Solar Impulse across America in 2013 (see page 30, the Commission President was present at the control centre in Payerne, Switzerland, and followed the proceedings on the screens and via a satellite phone directly connected with the pilot.

ELECTRIC HOMEBUILT AIRCRAFT
The numerous new projects of electric aircraft will lead to an additional competition within the Commission. The discussions regarding a correct and valid Sporting Code to emphasise and motivate the aircraft builders all over the world to join this young branch of building ecological aircraft will continue.

MEETING
The Annual Meeting of the Commission took place in Lausanne, Switzerland, on 13 April 2013.
Alongside its continuing efforts to involve more juniors and women in competitions, the FAI Ballooning Commission has started in 2013 the process of rethinking the format of its competitions. The aim is to fully exploit their potential in terms of public attractiveness and ease of organisation. All formats will be impacted, starting with the Coupe Aéronautique Gordon Bennett which is becoming the show-case ballooning event for the media and public. The development of new types of events is also in the pipeline.

CHAMPIONSHIPS & EVENTS
- 57th Coupe Aéronautique Gordon Bennett in Nancy (FRA) → PHOTOS
- 18th FAI European Hot Air Balloon Championship in Wloclawek (POL) → PHOTOS

Beside these competitions, 4 other international events were registered in the FAI Events Calendar.

INTERNATIONAL YOUTH CAMP → PHOTOS
30 young people from all around the world took part in the week-long 13th International Youth Camp in Bruckberg, Germany, which gives youngsters the opportunity to discover how to fly a balloon while experiencing life in a tent at a youth camp. It was supported by a donation of 2,000 Euros from the Commission.

CIA LIST OF NOTABLE PERFORMANCES AND ACHIEVEMENTS
Several hundred new entries were added to the CIA List of Notable Performances and Achievements, while many old entries were updated.

Since 1996, the Records Subcommittee of the Commission has maintained and published a register of notable flights and achievements, with the aim of safeguarding for the future reliable references to flights or activities that for historical reasons are regarded as significant achievements, and of avoiding claims for an achievement that has already been accomplished. The list was last updated in 2005.

CIA HALL OF FAME
CIA Hall of Fame 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). There were no nominations for 2012.

The inductees for 2012 are:
- Joseph W. Kittinger (USA)
- Rev. John Mackenzie Bacon (GBR) – (posthumous)

MEETING
The 2013 Annual Meeting of the Commission was held on 22 and 23 March 2013 in Rio de Janeiro, Brazil.

“The Coupe Aéronautique Gordon Bennett is becoming the show-case event for Ballooning”
A process that was started a few years ago, the continuous improvement of FAI General Aviation Commission’s events is now showing its positive effects. Combined with efficient promotion, the newly created Air Navigation Race and the advanced category for Rally and Precision Flying attracted and will attract more and more new pilots to General Aviation.

CHAMPIONSHIPS & EVENTS

- 9th FAI European Rally Flying Championship in Dubnica nad Váhom (SVK) → PHOTOS
- 21st FAI World Precision Flying Championship in Bautzen (GER) → PHOTOS → VIDEOS

Both of these championships were considered great successes by the Commission, the organising committee and the participants alike:

The 9th FAI European Rally Flying Championship was run for the first time according to the new version of the FAI Rules and Regulations for Air Rally which now include 2 competition classes – Unlimited and Advanced. Altogether 37 crews from 13 FAI member countries took part in both the championships classes.

As for the 21st FAI World Precision Flying Championship, 47 competitors from 13 countries competed, and teams from 7 countries were eligible for the Team Trophy.

Apart from these 2 events, the following General Aviation event was held in 2013:
- 2013 Raliul Aerian al Romaniei - Romanian Air Rally at Banesti Airfield (ROU) → PHOTOS

RALLY FLYING

The second class in Rally Flying, newly created by the Commission, fulfilled its objective of enticing younger and new crews to participate, with 19 crews competing in the 21st FAI World Precision Flying Championship in the advanced category; medals were awarded to countries usually less present at the senior level of competition.

AIR NAVIGATION RACE (ANR)

The Air Navigation Race, a new type of parallel slalom competition designed to be just as exciting for the competitors as for the public and the media, was introduced in 2012 by the Commission.

In 2013, the Commission worked to promote this new race as widely as possible. It was presented during the 21st FAI World Precision Flying Championship training week in Bautzen, Germany. The competitors could join a 3 day-long ANR introduction and then practise ANR during the rest of the week.

MEETING

The Annual Meeting of the Commission took place in Cordoba, Spain, on 2 November 2013. → PHOTOS

“The new event formats have spiced up competitions”
In 2013 the FAI Gliding Commission worked to grow the FAI Sailplane Grand Prix series so that its events are better known and more visible to the general public, with the aim of delivering the best possible FAI Sailplane Grand Prix Final in 2014. As for the “classical” Gliding championships, they were well attended and successful this year again.

**CHAMPIONSHIPS & EVENTS**

- 32nd FAI World Gliding Championships in Adolfo Gonzalez Chávez (ARG)
- 17th FAI European Gliding Championships in Vinon-sur-Verdon (FRA)
- 7th FAI Women’s World Gliding Championship in Issoudun (FRA)
- 17th FAI European Gliding Championships in Ostrow Wielkopolski (POL)
- 8th FAI Junior World Gliding Championships in Leszno (POL)

Additionally, 37 FAI-sanctioned Gliding events took place in 2013.

**FAI SAIlPLANE GRAND PRIX**

The following qualifying events for the 2012-2013 FAI World Sailplane Grand Prix series were held in 2013:

- Vitacura (CHI)
- Langtora airfield (SWE)
- Rennes – Saint Sulpice (FRA)
- Prievidza (SVK)
- Zar (POL)

The final will take place in Sisteron, France, in May 2014.

The new website sgp.aero was set up to host all the events of the FAI World Sailplane Grand Prix series, including the final.

**ON-LINE CONTEST**

The On-Line Contest (OLC) concluded its 2013 season with 2,108 km per participant with the average flight being 266 km. Total activity for the OLC in 2013 had 14,191 participants (an increase of 0.80% from 2012) claiming 112,377 flights (an increase of 2.33% from 2012) and achieving a total distance of 29,796,011 kilometres (an increase of 0.87% from 2012).

The 2013 season of OLC saw entries from 1,079 clubs and Gliding organisations.

**MEETING**

The Delegates of the Commission met in Papendal, Netherlands, from 1 to 2 March 2013.
The FAI Hang Gliding and Paragliding Commission spent a remarkable amount of energy in the improvement of safety with satisfactory results such as the definition of the CIVL Competition Class Paragliders and several changes in the Sporting Code. On the events side, 2013 was a very busy year with a great number of competitions all over the world. The World Games in Cali, Colombia, saw the very successful unfolding of the Paragliding Accuracy events, whose pilots had the chance to compete in front of thousands of encouraging and cheering spectators.

CHAMPIONSHIPS & EVENTS
- 19th FAI World Hang Gliding Class 1 Championship in Forbes (AUS) → PHOTOS
- 13th FAI World Paragliding Championship in Sopot (BUL) → PHOTOS
- 2013 The World Games in Cali (COL) – see pages 26-27
- 7th FAI World Paragliding Accuracy Championship in Bjelasnica, Sarajevo (BIH) → PHOTOS

Additionally, 220 Paragliding and 78 Hang Gliding Category 2 events took place in 2013.

The most active discipline was by far Paragliding cross-country followed by Hang Gliding cross-country.

There was an increase in Hang Gliding of all disciplines and Paragliding XC competitions were back up again, while Paragliding Accuracy continued to increase. Although there were only a few Paragliding Aerobatics contests in 2013, this discipline is being developed by the Commission and more competitions are expected in the next few years.

SAFETY
Safety is an important part of the Commission’s activities.

In Hang Gliding, the initiative taken to control and adjust the pitch stability settings worked well to motivate pilots and educate them on the importance of this safety topic. The checking of the settings is now an integral part of all world and continental championships.

In Paragliding, the definition of the CIVL Competition Class Paragliders (CCC) was finalised after taking into account feedback and constructive comments from Commission Delegates, manufacturers and other parties. The final result of this ambitious project was voted on and approved at the Commission’s 2014 Annual Meeting.

Other projects towards improved safety in Paragliding competitions were achieved in 2013, such as the introduction of changes to the End of Speed Section (ESS) including the conical form and altitude bonus, to encourage pilots to cross the ESS line at higher altitude and thus to reduce their speed in the final glide.

MEETING
The Members of the Commission met on 16 and 17 February 2013 in Lausanne, Switzerland.

“Safety is at the heart of Paragliding and Hang Gliding activities”
Air Sports
Microlight & Paramotor
Commission
CIMA

www.fai.org/microlight-and-paramotor
→ CIMA YOUTUBE CHANNEL

2013 saw the unfolding of the 1st FAI World Paramotor Slalom Championships in France. This completely new competition format of tasks performed entirely local to the airfield promises to be increasingly successful in future. Furthermore, Paramotors are becoming more and more popular in Asia, so much so that 2013 saw the 1st FAI Asian-Oceanic Paramotor Championships. As for Microlights, the European Championship was a success with the participation of 78 competitors from 11 nations.

CHAMPIONSHIPS & EVENTS
- 12th FAI European Microlight Championships in Kamenica nad Cirochou (SVK)
- 1st FAI World Paramotor Slalom Championships in Aspres sur Buech (FRA) → PHOTOS
- 1st FAI Asian-Oceanic Paramotor Championships in Phuket (THA)
- 4th Asian Beach Games Test Event in Phuket (THA) → PHOTOS

Paramotors have been selected to be part of the programme of the 4th Asian Beach Games in Phuket, Thailand, in 2014, following their successful participation in the previous edition of this multi-sports event. The open test event for the 4th Asian Beach Games took place simultaneously alongside the 1st FAI Asian-Oceanic Paramotor Championships.

Additionally, two Category 2 events took place in 2013.

INSTANT PERFORMANCE COLLECTION SYSTEM
In 2012 the Commission allocated funding towards the development of an integrated “instant performance collection” system which it is hoped will be ready in time for the 4th Asian Beach Games and can be used in all future Microlight and Paramotor events.

WORLD LEAGUE CUP
133 pilots competed in 5 different events for the 2013 World League Cup.

RPF1 (foot-launched solo Paramotors) was the only valid class in the 2013 World League Cup, however RPL1 (solo Paramotor trikes) and RPL2 (dual Paramotor trikes) did participate in some events and it was hoped this would lead to them also being valid classes in the 2014 season.

For future World League Cups, the Commission decided to introduce “speciality diplomas”, to add to those already existing of best overall pilot/team:
- best economy pilot/team diplomas
- best navigation pilot/team diplomas
- best precision pilot/team diplomas
- best slalom pilot/team diplomas

MEETING
The Delegates of the Commission met from 21 to 23 November 2013 in Phuket, Thailand. → PHOTOS

“Paramotor Slalom events promise to be increasingly successful in future”
Without a doubt, the Canopy Piloting event at The World Games 2013 in Cali, Colombia, was highly popular and brought the event to the public in a most attractive and dynamic way. All available tickets were sold and a enthusiastic audience prompted by a very competent commentator clapped and cheered its way through an exciting competition. It was conducted in close proximity to the grandstand. This success demonstrated the attraction and entertainment of Parachuting, which augurs well for the future IPETA Canopy Piloting Tour. It also confirmed the pertinence of the Commission’s strategy to improve the presentation of the sport for the media, besides exploring the sport’s marketing potential whilst continuing to assume the role as a central disseminator of information on safety procedures and equipment in sport parachuting.

CHAMPIONSHIPS & EVENTS
− European Championships and World Cups in Formation Skydiving and Artistic Events in Banja Luka (BIH) → PHOTOS → VIDEO
− European Championships and World Cups in Freefall Style and Accuracy Landing Events in Cheboksary (RUS)
− European Championships and World Cups in Canopy Piloting Events in Kolumna (RUS)

Parachuting was also in the programme of 2 multi-sports events:
− 2013 The World Games in Cali (COL) – see pages 26–27
− 37th CISM World Military Parachuting Championship in Quiong Lai (CHN)

As well as these competitions, four Category 2 events took place in 2013, including the 4th Dubai International Parachuting Championship. → PHOTOS

IPETA
The International Parachuting Events & Tours Association (IPETA) was founded in 2012 to implement non-traditional Parachuting events. It has the intention over the next 5 years to sanction as many as 20 international events worldwide. The IPETA Canopy Piloting Tour is planned to be launched in 2014 and to be held in various cities and countries throughout the world that carry a high international profile to the global world of tourism, finance and business. It will comprise a number of one-weekend events in various locations, the results of which will build up to an overall yearly ranking of competitors. Approximately 25 world class canopy pilots will be competing at each event.

INDOOR SKYDIVING EVENTS – WIND TUNNEL
The Commission decided to include indoor competitions and indoor records as IPC activities. Subcommittees have been working on adapting their rules and regulations to this new media-friendly discipline which also includes a junior category for under 14s.

MEETING
The Annual Meeting of the Commission took place on 26 and 27 January 2013 in Banja Luka, Bosnia and Herzegovina.

“Explore Parachuting’s marketing potential”
The new attractive events created by the FAI Rotorcraft Commission in recent years, such as the FAI On-Line Helicopter Competition and Helicopter racing, are now in place. It is hoped that they will entice younger and new pilots to join the Rotorcraft community and give all pilots an opportunity to improve their skills while competing in innovative and fun competitions.

**EVENTS**

No championship was held in 2013.

The following category 2 rotorcraft event was sanctioned by the FAI:

− 2013 Belgian Open Helicopter Championship in St. Hubert (BEL)

30 crews from 9 countries competed onboard 20 helicopters of 7 types.

**CERTIFICATES OF PROFICIENCY**

3 FAI Rotorcraft Certificates of Proficiency were created: Bronze, Silver and Gold.

The levels of pilot experience achieved throughout the scheme are recognised by the award of the appropriate certificate when the minimum requirements are met or exceeded. The form and the colour of the badges are valid internationally.

**CIG AIR SPORT MEDAL**

The Commission decided to directly award 2 CIG Air Sport Medals to young pilots who are competing in Category 1 events and who have only just reached the age of 18.

**FAI ON-LINE HELICOPTER COMPETITION**

In 2012, the Commission launched the FAI On-line Helicopter Competition (www.fai.org/cig-our-sport/fai-on-line-helicopter-competition), an inter-crew competition using the internet to encourage helicopter crews to issue challenges across the world with each crew participating in their own country but on an agreed date. The challenge lies now in promoting it and making it better known within the Rotorcraft community and the Commission is looking for new ways to increase the number of participating pilots.

**MEETING**

The Delegates of the Commission met on 7 and 8 March 2013 in Lausanne, Switzerland.
50th ANNIVERSARY OF BYKOVSKY’S RECORD
On 14 June 1963 at 11:58:58 am GMT, Russian cosmonaut Valery Fiodorovich Bykovsky (1934 -), alone onboard Soviet spaceship Vostok 5, took off from a cosmodrome near the Baikonur station, Kazakhstan. He landed back on Earth on 19 June 1963 at 11:06:00 am GMT, thus having spent the record time of 118 h 56 min 41 sec alone in a spaceship.

In 2013, 50 years after his solo flight, Bykovsky was still the holder of the world record for Duration in the “Spacecraft with one astronaut” category. Indeed, no one has broken Bykovsky’s record on a solo flight ever since, although crews of more than one person have long surpassed his flight time duration.

"Bykovsky’s record for longest solo flight on a spacecraft is still intact"

In 2013 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.

INTERNATIONAL APPEALS TRIBUNAL
A Working Group tasked by the Commission prepared an International Appeals Tribunal Manual to provide guidelines on the conduct of appeals and ensure fair treatment of appellants.

CASI INTERNAL PROCEDURES HANDBOOK
The Delegates agreed on a new CASI Internal Procedures Handbook that allows greater flexibility within the Commission and facilitates action required between Annual Meetings.

UNMANNED AERIAL VEHICLES
Unmanned Aerial Vehicles (UAVs) are currently the most rapidly expanding area within the international aerospace industry. A Working Group was created to consider UAVs and their sporting potential and propose a review of Section 12 (Unmanned Aerial Vehicles) for the next Annual Meeting.

"Consider unmanned aerial vehicles and their sporting potential"
Air Sports
The World Games 2013
www.fai.org/events/iwga
→ PHOTOS
→ VIDEO

In 2013, for the first time in its history, the FAI had 3 sports present at the World Games: Parachuting, Canopy Piloting and Paragliding Accuracy featured in the competition programme, while Indoor AeroMusicals (Aeromodelling) was included in the programme as a demonstration sport.

The Games, which were organised and governed by the International World Games Association (IWGA) under the patronage of the International Olympic Committee (IOC), took place in Cali, Colombia. The 32 official sports featuring in the programme all benefited from a considerable worldwide media impact, the Games being the biggest multi-sports event of the year.

The Parachuting and Paragliding competitions ran concurrently on the same site, for maximum spectator interest, from 1 to 4 August 2013. Some 65 competitors (36 for Parachuting and 29 for Paragliding) gained entry to the Games. In addition, 2 Indoor AeroMusicals pilots made the trip to Cali to show the beauty of their sport.

EXCITING EVENTS AND POPULAR SUCCESS
On the morning of the kickoff of the air sports events, all the tickets for the competitions were already sold out, which means that in total, the two Paragliding and Parachuting events welcomed 2,000 people every day.

“Air sports at The World Games 2013 were a fantastic popular success”

The event areas were set out to be as entertaining as possible for the public, with the Paragliding Accuracy landing mat and the pond, where the canopy pilots swoop down, right in front of the grandstands. Two more elements added to the interest of the competitions: the packing of the parachutes and the paragliders a few meters away from the crowds, and the comments of English and Colombian presenters. As for Indoor AeroMusicals, the pilots showcased their sport in between Wushu events.

All the athletes were clearly enjoying the effects of the warmth of the Colombian spectators who cheered, applauded and reacted very enthusiastically to the air sports competitions and the AeroMusicals demonstration, although it was the first time for many of them to witness such events. Media interviewed athletes, while children and grown-ups alike asked for pictures and autographs.

“We felt like rock stars, this is really wonderful. I have competed in many events before, but I never performed in front of a crowd which was not only numerous but nice” one of the Parachuting athletes commented.

In Paragliding Accuracy, Matjas Feraric (SLO) stole the gold and Jolanta Romanenko (LTU) finished victorious in the female category; in Canopy Piloting, Curtis Bartholomew (USA) reached the highest step of the podium.

In 2013, for the first time in its history, the FAI had 3 sports present at the World Games: Parachuting, Canopy Piloting and Paragliding Accuracy featured in the competition programme, while Indoor AeroMusicals (Aeromodelling) was included in the programme as a demonstration sport.

The Games, which were organised and governed by the International World Games Association (IWGA) under the patronage of the International Olympic Committee (IOC), took place in Cali, Colombia. The 32 official sports featuring in the programme all benefited from a considerable worldwide media impact, the Games being the biggest multi-sports event of the year.

The Parachuting and Paragliding competitions ran concurrently on the same site, for maximum spectator interest, from 1 to 4 August 2013. Some 65 competitors (36 for Parachuting and 29 for Paragliding) gained entry to the Games. In addition, 2 Indoor AeroMusicals pilots made the trip to Cali to show the beauty of their sport.

EXCITING EVENTS AND POPULAR SUCCESS
On the morning of the kickoff of the air sports events, all the tickets for the competitions were already sold out, which means that in total, the two Paragliding and Parachuting events welcomed 2,000 people every day.

“Air sports at The World Games 2013 were a fantastic popular success”

The event areas were set out to be as entertaining as possible for the public, with the Paragliding Accuracy landing mat and the pond, where the canopy pilots swoop down, right in front of the grandstands. Two more elements added to the interest of the competitions: the packing of the parachutes and the paragliders a few meters away from the crowds, and the comments of English and Colombian presenters. As for Indoor AeroMusicals, the pilots showcased their sport in between Wushu events.

All the athletes were clearly enjoying the effects of the warmth of the Colombian spectators who cheered, applauded and reacted very enthusiastically to the air sports competitions and the AeroMusicals demonstration, although it was the first time for many of them to witness such events. Media interviewed athletes, while children and grown-ups alike asked for pictures and autographs.

“We felt like rock stars, this is really wonderful. I have competed in many events before, but I never performed in front of a crowd which was not only numerous but nice” one of the Parachuting athletes commented.

In Paragliding Accuracy, Matjas Feraric (SLO) stole the gold and Jolanta Romanenko (LTU) finished victorious in the female category; in Canopy Piloting, Curtis Bartholomew (USA) reached the highest step of the podium.
Air Sports
Events & Athletes Statistics

TOTAL EVENTS ORGANISED BY NATIONAL AIRPORT CONTROLS (NACS) IN 2013

NUMBER OF EVENTS

EVENTS BY SPORTS

Air Sports

Events & Athletes

Statistics

Total World Continental Category 1 Category 2

Aerobatics 2009 2010 2011 2012 2013

World 3 2 3 4 3
Continental 1 2 1 1 1
Category 2 events 2 0 2 0 1
Total 6 4 6 6 5

Aeromodelling 2009 2010 2011 2012 2013

World 6 7 7 8 10
Continental 7 6 5 7 8
Category 2 events 230 250 278 300 297
Total 252 272 290 318 315

Ballooning 2009 2010 2011 2012 2013

World 1 2 0 2 0
Continental 1 1 1 1 1
Other Category 1 events 5 3 1 1 3
Category 2 events 1 3 4 4 3
Total 8 9 5 5 7

Gliding 2009 2010 2011 2012 2013

World 10 10 8 8 7
Continental 7 6 5 7 8
Other Category 1 events 1 3 4 4 3
Total 13 9 12 12 12

General Aviation 2009 2010 2011 2012 2013

Category 2 events 1 3 4 4 3
Continental 1 1 1 1 1
World 1 2 0 2 0

Hang Gliding 2009 2010 2011 2012 2013

World 4 4 4 4 4
Continental 0 0 0 0 0
Other Category 1 events 0 0 0 0 0
Total 4 4 4 4 4

Microlights & Paramotors 2009 2010 2011 2012 2013

World 82 96 61 64 79
Continental 5 6 5 6 6
Category 2 events 63 69 62 69 79

Paragliding 2009 2010 2011 2012 2013

World 27 21 13 12 12
Continental 3 4 2 2 2
Other Category 1 events 0 0 0 0 0
Category 2 events 0 0 0 0 0
Total 31 26 15 14 14

Pilotage 2009 2010 2011 2012 2013

World 10 12 14 12 12
Continental 1 2 1 2 2
Other Category 1 events 0 0 0 0 0
Category 2 events 0 0 0 0 0
Total 20 21 26 23 23

Parachuting 2009 2010 2011 2012 2013

World 2 2 2 2 2
Continental 0 0 0 0 0
Other Category 1 events 2 2 2 2 2
Category 2 events 2 2 2 2 2
Total 2 2 2 2 2

Amateur & Experimental 2009 2010 2011 2012 2013

Category 2 events 0 0 0 0 0
Total 0 0 0 0 0

COUNTRIES PARTICIPATION IN 2013 CATEGORY 1 EVENTS

Argentina 14 16 18 20 28
Australia 13 14 15 17 18
Austria 17 18 20 22 23
Belarus 6 7 8 9 10
Belgium 16 17 18 19 20
Brazil 13 14 15 16 17
Bulgaria 10 11 12 13 14
China (People’s Republic of) 9 9 10 11 12
Colombia 15 16 17 18 19
Croatia 17 18 19 20 21
Cyprus 11 12 13 14 15
Czech Republic 17 18 19 20 21
Denmark 16 17 18 19 20
Estonia 15 16 17 18 20
FAI 1 1 1 1 1
Finland 16 17 18 19 20
France 15 16 17 18 19
FYR of Macedonia 11 12 13 14 15
Germany 14 15 16 17 18
Greece 12 13 14 15 16
Guatemala 10 11 12 13 14
Hungary 14 15 16 17 20
India 10 11 12 13 14
Indonesia 12 13 14 15 16
Ireland 14 15 16 17 18
Israel 13 14 15 16 17
Italy 12 13 14 15 16
Japan 13 14 15 16 17
Kazakhstan 4 5 6 7 8
Korea 12 13 14 15 16
Korea (People’s Dem. Rep.) 2 3 4 5 6
Latvia 7 8 9 10 11
Liechtenstein 2 3 4 5 6
Lithuania 11 12 13 14 15
Luxembourg 10 11 12 13 14
Malaysia 10 11 12 13 14
Moldova 10 11 12 13 14
Mongolia 10 11 12 13 14
Montenegro 10 11 12 13 14
Mozambique 10 11 12 13 14
New Zealand 10 11 12 13 14
Norway 10 11 12 13 14
Papua New Guinea 10 11 12 13 14
Peru 10 11 12 13 14
Poland 10 11 12 13 14
Portugal 10 11 12 13 14
Qatar 10 11 12 13 14
Romania 10 11 12 13 14
Russia 10 11 12 13 14
San Marino 10 11 12 13 14
Serbia 10 11 12 13 14
Singapore 10 11 12 13 14
Slovakia 10 11 12 13 14
South Africa 10 11 12 13 14
Spain 10 11 12 13 14
Sweden 10 11 12 13 14
Switzerland 10 11 12 13 14
Thailand 10 11 12 13 14
Tunisia 10 11 12 13 14
Turkey 10 11 12 13 14
UK 10 11 12 13 14
Ukraine 10 11 12 13 14
Uruguay 10 11 12 13 14
USA 10 11 12 13 14
Venezuela 10 11 12 13 14
Wales (UK) 10 11 12 13 14
West Virginia 10 11 12 13 14

Achievements
International Records
www.fai.org/records

Drawing up rules, controlling and ratifying aeronautical and astronautical world and continental records represent an important part of FAI activities. Since the first flights were recorded in 1906, more than 16,000 world records have been registered by FAI to date.

In 2013, a total of 262 records were broken, of which 191 were world records and 71 continental.

The full list of 2013 records can be found on pages 66-69.

André Borschberg (SUI)

- WORLD RECORDS
- EXPERIMENTAL / NEW TECHNOLOGIES

SOLAR-POWERED AEROPLANE
- Distance along a course, pre-declared waypoints
- Straight Distance, pre-declared waypoints
- Free Distance

On 23 May 2013, André Borschberg piloted solar-powered aircraft Solar Impulse from Phoenix to Dallas (USA) on a Distance along a course, pre-declared waypoints, of 1487.6 km, a Free Distance of 1506.5 km and a Straight Distance, pre-declared waypoints, of 1386.5 km, on the occasion of the Across America Mission which aimed at flying from the West to the East coast of USA in 5 legs without using fuel.

Sergey Ananov (RUS)

- WORLD RECORDS
- Rotorcraft

HELICOPTERS: TAKE-OFF WEIGHT 500 TO 1000 KG
- Distance without landing
- Distance over a closed circuit without landing

On 22 February 2013, Ananov made a Distance without landing flight in a Robinson R22 Beta Helicopter of 1222 km from Moscow to Ufa (Russia) and on 2 February 2013 a Distance over a closed circuit flight of 1062 km in Moscow, thus breaking the long-held records set by American pilots L. W. Hartwig and A. P. Averill over 5 decades ago, more precisely in 1961.

Bernard Bilquey (FRA)

- WORLD RECORDS
- Aeromodelling and SpaceModelling

HOT AIR BALLOON
- Duration
- Stationary Flight Duration

Without any assistance, Frenchman Bernard Bilquey piloted a model hot air balloon with a total take-off weight of 4223 grams for a Stationary Flight Duration of 1 h 49 min 41 sec and during a second flight for a record Duration of 51 min 04 sec on 27 April 2013 in Vesoul, France.

Todd Reichert (CAN)

- WORLD RECORDS
- Experimental / New Technologies

HUMAN-POWERED ROTORCRAFT
- Duration in Hover
- Straight Distance

Todd Reichert, recipient of the Prince Alvaro de Orleans Borbon Grant in 2012, flew the human-powered helicopter Atlas above the ground for a Duration in Hover of 64.11 sec over a Straight Distance of 6.93 m on 13 June 2013 in Vaughan, Canada.
Achievements

Awards

Ceremony

www.fai.org/awards

→ PHOTOS

The 2013 FAI Awards Ceremony took place on 3 October 2013 in Kuala Lumpur, Malaysia, as part of the 107th FAI General Conference. The event, which is one of the highlights of the year for the Federation, honours all those who made outstanding contributions to the world of aeronautics and astronautics.

This year’s ceremony was particularly notable for the first awarding of the two new FAI Breitling Awards:

− the Breitling Milestone Trophy
− the Breitling Youngster Award

Both eminent awards were established last year by the FAI and its Global Sponsor Breitling.

In total, 20 FAI General Awards and 50 FAI Awards for individual disciplines were attributed for the year 2012. The full list of 2012 awards can be found on page 70.

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:
− Jo Van De Woestynne (BEL)
− Mary-Anne Stevens (CAN)
− Mario Arenas Wildner (CHI)
− Eng. Samir Abdel Raouf Lubib (EGY)
− Andrea Tomasini (ITA)
− Lieutenant Colonel (Retired) Basir Bin Abdul Rahman (MAS)
− Juan Ramón Álvarez Caramazana (ESP)
− Yvonne Margaret Loader (NZL)

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: Mikhail Mamistov (RUS)
For his great contribution to the development of aeronautics by achieving unique results in his Aerobatics career by training Aerobatic judges and by popularising Aerobatics in aircraft and gliders among young people.

FAI Silver Medal

This medal 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: Arthur W. Greenfield (USA)
For his major involvement in the National Aeronautical Association of the USA and in the FAI, and service to the entire international air sports community, having served for over 21 years as one of the foremost experts in the organisation, managing and recording of aviation records (during his remarkable career, he has overseen the certification of over 2,300 records in essentially all classes of aircraft and spacecraft).

Breitling Milestone Trophy

This trophy is reserved for an individual or a group of individuals having achieved a significant milestone, technological step or invention in aeronautics or astronautics (first flight, new technology, etc.) during the previous year and that might contribute to future developments, especially in the practice of air sports.

AWARDEE: Copenhagen Suborbitals (DEN)
For their outstanding performance and contribution to astronautics by designing, building and launching the world’s first Amateur-Built full size rocket with full computer control and steering—based completely upon donations and work by amateurs.

Breitling Youngster Award

The Breitling Youngster Award is reserved for a youngster who, during the previous 12 months and before the date of his 26th birthday, achieved an outstanding sporting performance.

AWARDEE: Robbie Rizk (GBR)
For his multiple achievements in gliding, by the age of only 14 years old, including winning the title of Advanced National Champion in Glider Aerobatics. His excellent example has attracted a number of other young people into the sport of Glider Aerobatics.
Achievements
FAI Young Artists Contest

www.fai.org/cea-projects/fai-young-artists-contest
→ VIDEO

At the Annual Meeting of the FAI Aviation and Space Education Commission, the International Jury of the FAI Young Artists Contest had the difficult task of choosing the winners of the 2013 edition whose theme was "My Favourite Airsports".

All winners were awarded an FAI gold, silver or bronze medal and a diploma by their FAI Member Countries.

The competition was intense with 110 paintings received from 14 FAI Members (Australia, China, Czech Republic, France, India, Japan, Poland, Romania, Russia, Serbia, Switzerland, Turkey, Ukraine, USA). In the end 9 paintings were picked as the winners, three of them turning out to be from Russian artists.

“I am always impressed by the quality of the entries we receive here at the FAI Head Office, as the competition is first organised nationally by our Members, we only receive the national winners’ paintings, which represent a fraction of all those sent to our Members; I have been told that countries such as Turkey received more than 4,000 paintings! Although it is great to see such massive participation, we can always do better and we would be happy to see even more FAI Members take part in the contest next year as it is a great way for them to engage with youngsters and draw them to the world of air sports.”

FAI Members and Services Manager
Ségolène Rouillon

Svetlana Korabelnikova (RUS)

Junior Category (Ages 6 - 9)
1. Igor Pastushkov (RUS)
2. Masaya Tsuruta (JPN)
3. Evdokia Bogacheva (UKR)

Igor Pastushkov (RUS)

Senior Category (Ages 14 - 17)
1. Svetlana Korabelnikova (RUS)
2. Haruna Suzumura (JPN)
3. Madoka Abe (JPN)

Intermediate Category
(Ages 10 - 13)
1. Iliya Skobaro (RUS)
2. Sky Waters (USA)
3. Chelsey Wen (USA)

Igor Pastushkov (RUS)

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Intermediate Category
(Ages 10 - 13)
1. Iliya Skobaro (RUS)
2. Sky Waters (USA)
3. Chelsey Wen (USA)
In 2013 the FAI Expert System, which consists of the Experts Groups and the Technical Commissions, continued to make progress. More and more Experts were included to give their advice and recommendations across a wide field of technical and aeronautical expertise for the benefit of the Executive Board, the FAI Members and the Air Sport Commissions. As for the Technical Commissions, the question of their conversions into Expert Groups was discussed throughout the year.

EXPERT GROUPS
Since its creation in 2011, 6 Expert Groups have been set up, involving a total of 41 experts from 16 countries who are working with clear policies, defined goals and standardised tasking and reporting procedures.

Interim reports were sent to the Executive Board in June, while annual reports were presented to the General Conference through speeches from the Points of Contact of each Expert Group. News and important results can be forwarded during the year to all FAI members.

The Experts have been working via emails and conference calls with the exception of a joint meeting in Zurich, Switzerland, where Experts from the Airspace and Navigation Groups could share knowledge about Unmanned Aircraft Systems (UAS) with external specialists.

TECHNICAL COMMISSIONS
While the FAI Airspace & Navigation Systems Commission was dissolved in 2012, the remaining Technical Commissions, namely EnvC (environmental matters) and CIEA (aviation and space education) have been studying the appropriateness of their transformation into Expert Groups. For example, the FAI Aviation and Space Education Commission has been assessing the consequences of such conversion and the changes and decisions it would involve, such as which Experts would be chosen, which projects the Experts would be working on and which tasks would be assigned to them.

The transformation to Expert Groups for CIEA and EnvC is planned for 2014.
<table>
<thead>
<tr>
<th>Expertise</th>
<th>Expert Groups</th>
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<tr>
<td><a href="http://www.fai.org/structure/expert-groups">www.fai.org/structure/expert-groups</a></td>
<td></td>
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## TASK LISTS FOR 2013

### AIRSPACE (AEG)
- Establish a list of main criteria on airspace from the air sports / recreational viewpoint, as a tool for further discussions with respective authorities.
- Establish a project plan to develop a quantitative assessment of how much the airspace available to air sports has been reduced on a year to year basis.

### NAVIGATION (NEG)
- Study the “sense and avoid” technology for Unmanned Aerial Vehicles (UAVs) and the consequences for Visual Flight Rules (VFR) traffic.
- Establish criteria for future cockpit-avionic equipment in sports aircraft, to guarantee the air sports development (light and low-cost features) and to be accepted in new defined airspace structures.

### SAFETY (SEG)
- Establish a new FAI Safety Policy, to be presented at 2013 General Conference.
- Start an FAI common safety initiative.
- Pursue improved safety through shared responsibility - ISSR.

### REGULATION (REG)
- Develop an FAI Critical Regulations Position Document and provide good rationale and arguments for the FAI position identified by the REG as most critical for air sports.

### IT (ITEG)
- Plan a database structure for ‘public’ database.
- Decide what data is needed from the databases for ‘public’ access.
- Plan access rights and use cases.

### NEW TECHNOLOGY (NTEG)
- 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.
Beside the FAI Young Artists Contest which was once again highly successful, the FAI Aviation and Space Education Commission encouraged the participation of more Members to share ideas that could be implemented on an international level, all with the objective of disseminating aeronautical and astronautical information, especially amongst the young.

MORE MEMBERS, MORE IDEAS
New Delegations, including some from the Middle East, attended the Annual Meeting of the Commission. They described their national programs for youth aviation education and the Commission discussed new ways of attracting youngsters to air sports.

For example, the Libyan Airsports Federation Delegate presented a colour book dedicated to air sports for children aged from 7 to 12 years and distributed all over the country. This is the type of project that could be implemented on an international level by the FAI for the benefit of all of its Members.

FAI YOUNG ARTISTS CONTEST
As every year, the FAI Young Artists Contest gave the opportunity for budding artists in three age categories (6-9, 10-13, 14-17 years old) to express themselves artistically about a subject related to aviation.

In 2013, the theme for the contest was “My Favourite Airsports”. The winners for the three 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 34–35 and the artworks at www.fai.org/fai-young-artists-contest/ciea-history.

MEETING
The Delegates of the Commission met in Lausanne, Switzerland, on 26 and 27 April 2013.

2013 saw the FAI Environmental Commission spend remarkable energy to raise awareness for environmental issues within the air sports community. The presentation made at the FAI General Conference and the creation of the Angelo d’Arrigo Diploma were both part of the Commission’s efforts in that direction. Furthermore, projects in collaboration with other Commissions such as CIVA were initiated.

SPORT AVIATION – SURVIVING THE 21st CENTURY
At the 107th FAI General Conference the FAI Environmental Commission was given the opportunity to make the Delegates aware of its current mission, challenges and purpose. The keywords of the presentation titled “Sport Aviation – surviving the 21st century” were the following:

- Respect for the environment in order that air sports be better accepted by the general public, local populations and the authorities
- Education to explain air sports activities and their real impact, and to communicate about our efforts to respect the environment
- Pro-activity in the fair regulation of air sports activities

ANGELO D’ARRIGO DIPLOMA
The Commission approved the establishment of a new FAI Environmental Award to recognise and promote major contributions in the field of environmental and sustainable development, in accordance with the development of a philosophy and a vision of sport aviation that increasingly wants to be respectful of the environment that surrounds it.

The Diploma is to be presented for the first time in 2014 and may be awarded to individuals or organisations that have contributed significantly to the defence of and respect for the environment affected by air sports. The activities may include: scientific research, private, public or commercial events or activities, developed or promoted directly by pilots, sport flying clubs, FAI Members or public or private bodies as small and medium enterprises. Only one Diploma shall be awarded each year.

The award was named after Angelo d’Arrigo, an Italian Microlight and Hang Glider pilot (1961-2006). D’Arrigo flew with eagles and all kinds of birds of prey which earned him the nickname of “Birdman”: by following the migratory route of desert hawks he flew in the Sahara and across the Mediterranean as well as crossing Siberia with Siberian cranes. He also flew over the summit of Aconcagua and in the Everest region up the Western Cwm, very close to the summits of Everest, Lhotse and Nuptse.

DEVELOPMENT OF LOW-EMISSION AND ELECTRIC CLASSES
The Commission started working with CIVA to define low-emission and electric classes of aerobatic aircraft which would allow manufacturers to create new models with smaller and more efficient engines.

MEETING
The Annual Meeting of the Commission took place on 9 February 2013 in Lausanne, Switzerland.
In 2013 the FAI Medico-Physiological Commission was busy giving recommendations, advice and opinions to the European Aviation Safety Agency. It was also very active in all Anti-Doping matters.

AEROMEDICAL EXAMINATION

The rulemaking process of the European Aviation Safety Agency (EASA) continued with the participation of the Commission to discuss alterations in medical certification of air sports pilots. Delegates were involved in proposing a draft for alternative means of compliance (AMC). This confirmed that some practical aspects would get recognised in the future for Light Aircraft Pilot Licence (LAPL) holders in EASA rule-making.

ANTI-DOPING

The Anti-Doping Plan, launched in 2012 by the FAI ADAG (Anti-Doping Advisory Group), progressed well. The majority of the objectives were accomplished: conducting a risk analysis; FAI Anti-Doping Plan update; Registered Testing Pool (RTP) selection procedure and launch for 2013.

To complete the Anti-Doping information already available on the FAI website, the FAI has created 2 FAQs for competitors and event organisers to facilitate a better knowledge and understanding of all matters relating to Anti-Doping.

“What do I risk by taking prohibited substances”, “If doping tests are conducted at my event, what should I do?”, “If I am tested and my sample is positive, what can I do?” are just a sample of the questions found on the Anti-Doping FAQs web pages.

WADA PROHIBITED LIST

A request by the World Anti-Doping Agency (WADA) to the FAI Board was thoroughly discussed by the Commission: “Should alcohol be removed from the WADA prohibited list?” After studying various scientific papers including a proficient survey of a pharmacologist, the Commission concluded that alcohol may have performance enhancing capabilities in air sports such as anxiolytic effects and self-confidence increase, and that therefore it should be left on the Anti-Doping Medical list.

TUE PANEL

The Therapeutic Use Exemption (TUE) Panel continued to support air sports pilots to achieve a waiver for required medications. New qualified Delegates were introduced onto the FAI TUE panel.

MEETING

The Delegates of the Commission met in Lausanne, Switzerland, on 8 and 9 June 2013.
The sessions of the 107th FAI General Conference were held in the Royale Chulan Hotel in Kuala Lumpur, Malaysia, on 4 and 5 October 2013.

More than 150 Delegates from 41 Active, 1 Associate, 1 Temporary Member Countries and 2 Affiliated Members were present, as well as FAI elected Officers, Presidents of Honour, Companions of Honour and Representatives appointed by Presidents of Commissions and Observers.

The General Conference was officially opened on Thursday 3 October during a ceremony where the FAI Awards and the newly created FAI-Breitling Awards were presented.

For the first time, an electronic voting system was successfully used during the sessions of the FAI General Conference. This new technology allowed a considerable gain of time during votes and will be re-used in the future.

FAI COMPANION OF HONOUR

Mike Heuer from USA was appointed FAI Companion of Honour. He is a founding member of IAC (the International Aerobatic Club, an American aerobatic organization) and officiated as USA Delegate to the FAI Aerobatics Commission. He became President of the same Commission in 1986 and stayed in place for 26 years. During his administration, Power and Glider Aerobatics have matured and different categories exist with more pilots participating in FAI Aerobatic championships than ever before. He is a former member of the FAI Executive Board and the NAA and EAA Boards of Directors, and he has received many awards including the FAI Silver Medal.

PROJECTS

Reports on different projects were made during the General Conference. They included:

- Commercial Activities
  FAME’s activities during the year include the signature of Memoranda of Understanding with 3 Air Sport Commissions and the search for new sponsors.

- Regional Vice Presidents
  The 3 Regional Vice Presidents (South East Asia, South America, Africa) were present and reported on their past and future activities.

- New FAI Organiser Agreement
  A new Organiser Agreement has been made for the World Air Games. Work on the new Organiser Agreement for FAI-sanctioned competitions is in progress.

- FAI Anti-Doping Programme
  The FAI Anti-Doping Programme is now running efficiently, with the management of the Registered Testing Pool (RTP), the set-up of the in- and out-of-competition testing and the development of educational activities.

- The World Games 2013
  The World Games 2013 in Cali, Colombia, were a significant success for the FAI, as 3 sports were present (Parachuting Canopy Piloting, Paragliding Accuracy and Indoor AeroMusicals). All tickets for the air sports events were sold out for all 4 competition days.

- FAI World Air Games
  Several options are being examined for the location of the 2015 FAI World Air Games, and discussions with potential host cities are still ongoing.

NEW FAI MEMBERS

- Libya (Active Member, Class 10)
- Peru (Active Member, Class 10)
- Portugal – Federação Portuguesa de Aeromodelismo (Associate Member, Aeromodelling)
- Laos (Temporary Member)

Elections

There were no elections in 2013, except for the Statutes Working Group and CASI Active Members Representatives.

The next elections for the FAI Executive Board, including for the Presidency, will take place in 2014.

Technical Commissions

The FAI Aviation and Space Education Commission and the FAI Environmental Commission remain Technical Commissions and the question of their conversion into Expert Groups will be discussed at the next FAI General Conference.

Finance

FAI Executive Director (Finance) reported on the 2012 Financial Statements and the General Conference unanimously adopted the Auditor’s Report for the year 2012. Later, the Conference also approved the budget for FAI operations in 2014.

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

Minutes

The Minutes of the General Conference are available at www.fai.org/structure/general-conference.

Future General Conferences

The participants at the FAI General Conference voted in favour of the bid by the Royal Netherlands Aeronautical Association (KNVvL) to host the 109th FAI General Conference in Rotterdam in 2015.

The next FAI General Conference will take place from 17 to 18 October 2014 in Thailand.

FAI ANNUAL REPORT – 2013
On Saturday 8 June 2013, 22 Executive Representatives of 17 FAI Members and the FAI Executive Board gathered in Hong Kong, China, for the 2013 FAI Active Members’ Presidents meeting. Held for the first time in Asia, this meeting was part of the FAI’s desire to encourage and facilitate the participation of its Asian Members, to give the opportunity to all its other Members to meet with them, and to acknowledge the dynamism of this part of the world in all air sports matters.

The 107th FAI General Conference approved the new Membership of Libya (Active Member), Peru (Active Member), Portugal (Federación Portuguesa de Aeromodelismo – Associate Member, Aeromodelling), Laos (Temporary Member).

All year long, the Members were busy with many activities, including organising FAI-sanctioned events and sending athletes to competitions. On a national level, the Members organised a great number of events of all kinds and collaborated with their authorities (civil aviation, sport, tourism, transportation) to promote and facilitate air sports activities, examples of which can be found below.

ROYAL AERO CLUB OF THE UNITED KINGDOM

The FAI Member for UK collaborated with the Government and the Civil Aviation Authority: The Government launched a “Red Tape Challenge” to reduce bureaucracy and this has led to the UK Civil Aviation Authority seeking to make changes to their oversight & reduce bureaucracy and this has led to the UK Civil Aviation Authority seeking to make changes to their oversight &

The FAI Member for UK collaborated with the Government and the Civil Aviation Authority:

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All year long, the Members were busy with many activities, including organising FAI-sanctioned events and sending athletes to competitions. On a national level, the Members organised a great number of events of all kinds and collaborated with their authorities (civil aviation, sport, tourism, transportation) to promote and facilitate air sports activities, examples of which can be found below.

ROYAL NEW ZEALAND AERO CLUB

The New Zealand Air Safari 2013 was a ten-day grand tour of New Zealand, stopping at many interesting and historic airfields and covering some of New Zealand’s most scenic landscapes. 29 crews entered, supported by the organisers filling three more aircraft. Crews from Australia (3), Britain (1) and America (2) as well as many New Zealanders flying for foreign airlines came for the event. The air safari combined competition legs interspersed with scenic legs. This format allowed time for crews to relax and free-fly over some of New Zealand’s most spectacular scenery, yet provide challenging competition legs in other parts of the country. Each leg varied between 1.5 and 3 hours flight time with the longer flights generally being the scenic legs. The next safari is scheduled for 2016. More information can be found at www.flyingnz.co.nz.

TURKISH AERONAUTICAL ASSOCIATION

For Turkish aviation, the Side Air Show, was thought to be the most comprehensive and popular event in the country with more than 100,000 spectators, including several statesmen. The event started with performances by some of the most famous aerobatic pilots and teams in the world, such as Svetlana Kapanina from Russia, display teams France Reva, Romanian Yakers (joined by Jurgis Kairys from Lithuania) and Air Bandits. They were followed by flight demonstrations by Turkish Aerobatic pilot Ali Ismet Öztürk and Turkish Aeronautical Association’s Parachuting, Paragliding, Hang Gliding, Microlight and Paramotor teams. Moreover, a lot of air sports activities were organised to attract the attention of the crowds, including youngsters. The Turkish Aeronautical Association wishes a warm welcome to all those who are interested in attending the next “Side Air Show”. www.airshowside.com

100 years within FAI

In 2013, the Aero Club of Portugal celebrated its centenary within FAI, indeed, after becoming a Member of the FAI at the Extraordinary Conference of FAI held in Paris in 1913, it was recognised unanimously as a full Member at the 9th FAI General Conference in The Hague, Netherlands, a status that it retains to this day, making it one of the oldest organisations within FAI.

The 100th anniversary of its Membership at FAI was duly commemorated at the Cultural Centre of Belém in Lisbon on 13 December 2013, in the presence of Portuguese aviation personalities.

“100 years within FAI in 2013, the Aero Club of Portugal celebrated its centenary within FAI, indeed, after becoming a Member of the FAI at the Extraordinary Conference of FAI held in Paris in 1913, it was recognised unanimously as a full Member at the 9th FAI General Conference in The Hague, Netherlands, a status that it retains to this day, making it one of the oldest organisations within FAI. The 100th anniversary of its Membership at FAI was duly commemorated at the Cultural Centre of Belém in Lisbon on 13 December 2013, in the presence of Portuguese aviation personalities.

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FAI Affiliate Members
- EUROPE AIRSPORTS
- O.S.T.I.V.
- ASIANIA
- COLPAR

The full list of Members can be found on pages 72-73
2013 was the year when the sponsorship with prestigious Swiss watch brand Breitling was fully activated at FAI events through FAME and further developed with the creation of the FAI-Breitling Awards. Furthermore, the resumption of the Red Bull Air Race World Championship led to the signature of an agreement confirming FAI’s official international recognition of the race as well as detailing the FAI’s support in the form of safety supervision.

**FAME**

Founded in 2012 to assist the aeronautics community in the development and promotion of air sports, the FAI Air Sports Marketing and Events SA (FAME) developed its activities in 2013.

**Objectives**
- Provide marketing and commercial support to the aeronautics community
- Secure partnerships for the aeronautics community and generate revenues
- Centralise the expertise and know-how for event management and marketing

**Activities**
In 2013, FAME dealt with:
- Breitling’s sponsorship activation at 10 category 1 events
- Presentation of FAME concept and activities to various Air Sport Commissions
- Signature of MoUs with the Aeromodelling, Gliding and Hang Gliding and Paragliding Commissions
- Launch of FAME brand development, including the creation of FAME’s website
- Launch of market research into sponsorship and city opportunities

**BREITLING**

**FAI-Breitling Awards**
Two awards bearing the name of Breitling, the Global Sponsor of the FAI since 2012, were created: The Breitling Milestone Trophy and the Breitling Youngster Award.

Both awards were presented for the first time at the Awards Ceremony of the FAI General Conference, where the winners were invited and hosted by Breitling.

The Breitling Milestone Trophy is reserved for an individual or a group of individuals having achieved a significant milestone, technological step or invention in aeronautics or astronautics (first flight, new technology, etc.) during the previous year and that might contribute to future developments, especially in the practice of air sports.

The Breitling Youngster Award is reserved for a youngster who, during the previous 12 months and before the date of his 26th birthday:
- Achieved an outstanding sporting performance. This means a performance which is considered by the nominating authority as beyond the normal level of performance compared to what can usually be done, or
- Excelled in a certain area of his sport and is considered as a reference, or
- Significantly contributed to the development and promotion of aeronautics or astronautics

**Competitions**
2013 was the first full year where Breitling was present at FAI competitions, of which 10 benefited from Breitling support and branding. The event organisers received appropriate merchandising material to bring excellent exposure and additional branding for Breitling and the FAI.

www.breitling.com
Following the resumption of the Red Bull Air Race World Championship announced during a press conference attended by FAI President John Grubbström and FAI Secretary General Jean-Marc Badan, the FAI and the Red Bull Air Race management signed an agreement confirming FAI’s official international recognition of the Red Bull Air Race World Championship as well as detailing the FAI’s support.

The agreement includes the provision of FAI medals especially designed for the Red Bull Air Race, the inclusion of all races in the FAI Events Calendar, and the official approval by the FAI of the race Rules & Regulations. Furthermore, the FAI provides a delegate who attends all events to supervise safety aspects.

FAI President John Grubbström said:
“...I am very pleased to see the Red Bull Air Race coming back as it is truly an event that gives worldwide exposure to air sports. Furthermore, it is important news for the FAI community in general as it represents a unique opportunity to showcase the excitement of air sports to the world. The improvements made to the race format and race track by the Red Bull Air Race Management are convincing and will no doubt add extra attractiveness to the event. We at the FAI are proud to be involved in this great event and to bring to the race management our expertise in matter of safety to make it successful. We are also very pleased that Breitling, the FAI Global Sponsor, is also part of the Red Bull Air Race as the official timekeeper.”

The 2014 World Championship consists of 8 races staged in 6 countries on 3 continents, starting with Abu Dhabi, United Arab Emirates, on 28 February 2014.

www.redbullairrace.com

“An event that gives worldwide exposure to air sports”
## List of 2013 Competition Results

### Aerobatics

#### World Championships

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Country/Region</th>
</tr>
</thead>
</table>

#### Continental Championships

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Country/Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013 FAI World Glider Aerobatic Championships (North Texas Regional Airport, USA)</td>
<td>30.06.2013 - 06.07.2013</td>
<td>USA</td>
</tr>
</tbody>
</table>

#### Women

- **Team Men**: DUGMORE Roston (RSA)
- **Team Women**: LECAIR Lisi (FRA)

#### Men

- **Team Men**: DUGMORE Roston (RSA)
- **Team Women**: LECAIR Lisi (FRA)

### Aeromodelling

#### World Championships

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Country/Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013 FAI World Championship for Aerobatic Model Aircraft (Coburg, Germany)</td>
<td>19.07.2013 - 28.07.2013</td>
<td>Germany</td>
</tr>
<tr>
<td>2013 FAI World Championship for Freestyle Model Helicopters (Wloclawek, Poland)</td>
<td>18.07.2013 - 27.07.2013</td>
<td>Poland</td>
</tr>
</tbody>
</table>

#### F3A - Junior

<table>
<thead>
<tr>
<th>Pilot</th>
<th>Nationality</th>
</tr>
</thead>
<tbody>
<tr>
<td>PİRGANİ Loca</td>
<td>TR</td>
</tr>
<tr>
<td>KIM Nam Chon</td>
<td>DE</td>
</tr>
<tr>
<td>DÜKMEN Güney</td>
<td>TR</td>
</tr>
</tbody>
</table>

#### F3C - Overall

<table>
<thead>
<tr>
<th>Pilot</th>
<th>Nationality</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEIFFERTECKE</td>
<td>DE</td>
</tr>
<tr>
<td>PARKINSON</td>
<td>GB</td>
</tr>
<tr>
<td>MÜLLER</td>
<td>DE</td>
</tr>
</tbody>
</table>

## Annexes

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2. Aerobatics World Championships
3. Aeromodelling World Championships
4. Aeromodelling Continental Championships
5. Women's Performance
6. Men's Performance

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2013 FAI JUNIOR WORLD CHAMPIONSHIP FOR FREE FLIGHT SLOPING MODEL AIRCRAFT (KAZARZDAR, BULGARIA) 27.07.2013 - 04.08.2013

F1A | F1 TEAM | TEAM OVERALL
---|---|---
1st | TRPLNIKOV Ivan | RUS 1st | Serbia
2nd | BANJKOV Mihail | RUS 2nd | Slovakia
3rd | NITERIKOV Stan | 3rd | Serbia

F1B | F1 TEAM | TEAM OVERALL
---|---|---
1st | ZHABAYEV Alexander | RUS 1st | Russia
2nd | GAYTAC Ercan | 2nd | Poland
3rd | GOSTACT Bing | 3rd | Lithuania

F2 | F2 TEAM | TEAM OVERALL
---|---|---
1st | SITOMINSKY Benedikt | RUS 1st | Russia
2nd | HRIVCITS Bogdan | 2nd | Ukraine
3rd | YAMANOVITIC Zoran | 3rd | Russia

2013 FAI JUNIOR EUROPEAN CHAMPIONSHIPS FOR FREE FLIGHT SLOPING MODEL AIRCRAFT 13.08.2013 - 18.08.2013

F1D | TEAM |
---|---|
1st | ZHARIT Boris | UKR 1st | Ukraine
2nd | TATY SHIROSHNIK Filip | ROU 2nd | Romania
3rd | SIREN Denis | 3rd | France

2013 FAI EUROPEAN CHAMPIONSHIPS FOR FREE FLIGHT INDOOR MODEL AIRCRAFT 11.01.2013 - 19.01.2013

F1D | TEAM |
---|---|
1st | TREGER十足 | SVK 1st | Hungary
2nd | SUREC Attila | HUN 2nd | United Kingdom
3rd | SCHOBMAN Uwe | GER 3rd | Czech Republic

CONTINENTAL CHAMPIONSHIPS

2013 FAI EUROPEAN CHAMPIONSHIPS FOR FREE FLIGHT SLOPING MODEL AIRCRAFT (KAZARZDAR, BULGARIA) 13.08.2013 - 19.08.2013

F2D | F2 TEAM | TEAM OVERALL
---|---|---
1st | VMOSTOJIC Bojan | SRB 1st | Serbia
2nd | SOKOLOVSKY Vladislav | UKR 2nd | Ukraine
3rd | BANIKOV Mikhail | RUS 3rd | Russia

2013 FAI EUROPEAN CHAMPIONSHIPS FOR SPACE MODELS (KASCHAN, BULGARIA) 24.08.2013 - 30.08.2013

F1B | F1 TEAM |
---|---|
1st | KATCHENOV Kersen | BUL 1st | Bulgaria
2nd | GOROHOV Denis | RUS 2nd | Russia
3rd | GOROHOV Mikhail | RUS 3rd | Russia


F2A | F2 TEAM | TEAM OVERALL
---|---|---
1st | KORRÓ Sandor | HUN 1st | Hungary
2nd | SOKOLOVSKY Serhi | UKR 2nd | Ukraine
3rd | SCHRAMM Lutz | GER 3rd | Germany

2013 FAI JUNIOR EUROPEAN CHAMPIONSHIPS FOR SPACE MODELS (KASCHAN, BULGARIA) 24.08.2013 - 30.08.2013

F2B | F2 TEAM | TEAM OVERALL
---|---|---
1st | BURGHAT Igor | SVK 1st | Slovakia
2nd | TROHMANOVIC Branko | SRB 2nd | Serbia
3rd | SOKOL Alexander | 3rd | Ukraine

2013 FAI JUNIOR EUROPEAN CHAMPIONSHIPS FOR SPACE MODELS (KASCHAN, BULGARIA) 24.08.2013 - 30.08.2013

F3A | TEAM |
---|---|
1st | TATY SHIROSHNIK Filip | ROU 1st | Romania
2nd | TATY SHIROSHNIK Filip | ROU 2nd | Romania
3rd | SIREN Denis | 3rd | France

2013 FAI JUNIOR EUROPEAN CHAMPIONSHIPS FOR SPACE MODELS (KASCHAN, BULGARIA) 24.08.2013 - 30.08.2013

F3B | F3 TEAM |
---|---|
1st | VOKAREV Lucas | UKR 1st | Ukraine
2nd | TATY SHIROSHNIK Filip | ROU 2nd | Romania
3rd | SIREN Denis | 3rd | France

2013 FAI JUNIOR EUROPEAN CHAMPIONSHIPS FOR SPACE MODELS (KASCHAN, BULGARIA) 24.08.2013 - 30.08.2013

F3C | F3 TEAM |
---|---|
1st | VINCEHOVIT Alexander | UKR 1st | Ukraine
2nd | NOSHKOV Petr | RUS 2nd | Russia
3rd | BANIKOV Mikhail | RUS 3rd | Russia

2013 FAI JUNIOR EUROPEAN CHAMPIONSHIPS FOR SPACE MODELS (KASCHAN, BULGARIA) 24.08.2013 - 30.08.2013

F3D | F3 TEAM |
---|---|
1st | DURIH Antonio | ITA 1st | Italy
2nd | MILLER Fabio | ITA 2nd | Italy
3rd | VUKOVIC Stipe | SRB 3rd | Serbia
CONTINENTAL CHAMPIONSHIP
2013 FAI EUROPEAN RALLY FLYING CHAMPIONSHIP (DUBROVICA NAJ VAHOM, SLOVAKIA)
06.08.2013 – 14.08.2013
TEAM OVERALL
1st: CIACCI ANTONINO / CIACCI MICHELA / CIACCI MARCO / CIACCI TERESA / CIACCI ANDREA
2nd: MANZOLI GIUSEPPE / MANZOLI GIAMPIERO / MANZOLI GIAMPAOLO / MANZOLI GIAMANDRO / MANZOLI GIAMMARIA
3rd: VITTI GIUSEPPE / VITTI GIAMPAOLO / VITTI GIAMANDRO / VITTI GIAMMARIA
OVERALL – UNLIMITED
1st: CIACCI ANTONINO / CIACCI MICHELA / CIACCI MARCO / CIACCI TERESA / CIACCI ANDREA
2nd: MANZOLI GIUSEPPE / MANZOLI GIAMPIERO / MANZOLI GIAMPAOLO / MANZOLI GIAMMARIA
3rd: VITTI GIUSEPPE / VITTI GIAMPAOLO / VITTI GIAMANDRO / VITTI GIAMMARIA
TEAM – ADVANCED
1st: CIACCI ANTONINO / CIACCI MICHELA / CIACCI MARCO / CIACCI TERESA / CIACCI ANDREA
2nd: MANZOLI GIUSEPPE / MANZOLI GIAMPIERO / MANZOLI GIAMPAOLO / MANZOLI GIAMMARIA
3rd: VITTI GIUSEPPE / VITTI GIAMPAOLO / VITTI GIAMANDRO / VITTI GIAMMARIA
15m – OVERALL
1st: CIACCI ANTONINO / CIACCI MICHELA / CIACCI MARCO / CIACCI TERESA / CIACCI ANDREA
2nd: MANZOLI GIUSEPPE / MANZOLI GIAMPIERO / MANZOLI GIAMPAOLO / MANZOLI GIAMMARIA
3rd: VITTI GIUSEPPE / VITTI GIAMPAOLO / VITTI GIAMANDRO / VITTI GIAMMARIA
OTHERS
1st: HIJOS-Frédéric
2nd: ESPERTING
3rd: SOUVEN
BALLOONING
CONTINENTAL CHAMPIONSHIPS
15th FAI EUROPEAN HOT AIR BALLOON CHAMPIONSHIP (KLODLIMRé, POLAND)
05.08.2013 – 13.08.2013
OVERALL
1st: HODSON-EVE VOS Rinke
2nd: HODSON-EVE VOS Rithu
3rd: JARIKA ALCADE Iñaki
OTHERS
18th COUPE D’EUROPE DE MONTGOLFIERES & LADIES WORLD CUP (MAINFONDS / BLANZAC, FRANCE)
OVERALL
1st: LEFEVRE Natacha
2nd: LEBRIQUE Elodie
3rd: PEREIRA Dominique
77th CÔTE D’AZUR AUSTRALIAN GORDON BENNETT (NIMCY, FRANCE)
22.08.2013 – 31.08.2013
OVERALL
1st: LEVEVRE Vincent / HOUSSE Christian
2nd: GEBHARDT Marcel / RÉVERET Mathieu
3rd: FREDERIK Kurt / HÖRCHER-TÜCHLING Pascal
102nd BOBIGNY INEMBALDON INTERNATIONAL CHAMPIONSHIP (DOCHI, JAPAN)
OVERALL
1st: NAJAM Taha
2nd: SATOH Yutako
3rd: PERONIER Loïc
GENERAL AVIATION
WORLD CHAMPIONSHIP
215th FAI WORLD PRECISION FLYING CHAMPIONSHIP (BAUTZEN, GERMANY)
11.08.2013 – 14.08.2013
OVERALL
1st: HADSOVICH Břetislav
2nd: MIKOLOJZIK Krystian
3rd: OPAT Peter
1st: Polonia
2nd: Czech Republic
3rd: France
CONTINENTAL CHAMPIONSHIP
2013 FAI EUROPEAN COLD AIR CHAMPIONSHIPS (LESZNO, POLAND)
03.07.2013 – 12.06.2013
TEAM CLASS – OVERALL
1st: BEUKENS Jeroen
2nd: VOGEL Karin
3rd: FREITAG Friedrich
STANDARDS – OVERALL
1st: TÖRTÉNETI János
2nd: TOSELLINI Andrea
3rd: STANDER Dominik
CLUB CLASS – OVERALL
1st: KEDEREDER Dieter
2nd: BÄUMEL Andreas
3rd: ZÖRTSCHER Wilfried
CONTINENTAL CHAMPIONSHIPS
2013 FAI EUROPEAN COLD AIR CHAMPIONSHIPS (LESZNO, POLAND)
04.08.2013 – 09.08.2013
STANDARDS – OVERALL
1st: TÖRTÉNETI János
2nd: TOSELLINI Andrea
3rd: STANDER Dominik
CLUB CLASS – OVERALL
1st: KEDEREDER Dieter
2nd: BÄUMEL Andreas
3rd: ZÖRTSCHER Wilfried
CONTINENTAL CHAMPIONSHIPS
2013 FAI EUROPEAN COLD AIR CHAMPIONSHIPS (LESZNO, POLAND)
05.08.2013 – 10.08.2013
TEAM CLASS – OVERALL
1st: BEUKENS Jeroen
2nd: VOGEL Karin
3rd: FREITAG Friedrich
STANDARDS – OVERALL
1st: TÖRTÉNETI János
2nd: TOSELLINI Andrea
3rd: STANDER Dominik
CLUB CLASS – OVERALL
1st: KEDEREDER Dieter
2nd: BÄUMEL Andreas
3rd: ZÖRTSCHER Wilfried
CONTINENTAL CHAMPIONSHIPS
2013 FAI EUROPEAN COLD AIR CHAMPIONSHIPS (LESZNO, POLAND)
06.08.2013 – 11.08.2013
TEAM CLASS – OVERALL
1st: BEUKENS Jeroen
2nd: VOGEL Karin
3rd: FREITAG Friedrich
STANDARDS – OVERALL
1st: TÖRTÉNETI János
2nd: TOSELLINI Andrea
3rd: STANDER Dominik
CLUB CLASS – OVERALL
1st: KEDEREDER Dieter
2nd: BÄUMEL Andreas
3rd: ZÖRTSCHER Wilfried
CONTINENTAL CHAMPIONSHIPS
2013 FAI EUROPEAN COLD AIR CHAMPIONSHIPS (LESZNO, POLAND)
07.08.2013 – 12.08.2013
TEAM CLASS – OVERALL
1st: BEUKENS Jeroen
2nd: VOGEL Karin
3rd: FREITAG Friedrich
STANDARDS – OVERALL
1st: TÖRTÉNETI János
2nd: TOSELLINI Andrea
3rd: STANDER Dominik
CLUB CLASS – OVERALL
1st: KEDEREDER Dieter
2nd: BÄUMEL Andreas
3rd: ZÖRTSCHER Wilfried
CONTINENTAL CHAMPIONSHIPS
2013 FAI EUROPEAN COLD AIR CHAMPIONSHIPS (LESZNO, POLAND)
08.08.2013 – 13.08.2013
TEAM CLASS – OVERALL
1st: BEUKENS Jeroen
2nd: VOGEL Karin
3rd: FREITAG Friedrich
STANDARDS – OVERALL
1st: TÖRTÉNETI János
2nd: TOSELLINI Andrea
3rd: STANDER Dominik
CLUB CLASS – OVERALL
1st: KEDEREDER Dieter
2nd: BÄUMEL Andreas
3rd: ZÖRTSCHER Wilfried
CONTINENTAL CHAMPIONSHIPS
2013 FAI EUROPEAN COLD AIR CHAMPIONSHIPS (LESZNO, POLAND)
09.08.2013 – 14.08.2013
TEAM CLASS – OVERALL
1st: BEUKENS Jeroen
2nd: VOGEL Karin
3rd: FREITAG Friedrich
STANDARDS – OVERALL
1st: TÖRTÉNETI János
2nd: TOSELLINI Andrea
3rd: STANDER Dominik
CLUB CLASS – OVERALL
1st: KEDEREDER Dieter
2nd: BÄUMEL Andreas
3rd: ZÖRTSCHER Wilfried
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HANG GLIDING & PARAGLIDING

WORLD CHAMPIONSHIPS

137th FAI WORLD HANG GLIDER CLASS 1 CHAMPIONSHIP (FORRES, AUSTRALIA)

OVERALL TEAM OVERALL
1st: ROBINSON Jarryd
2nd: FLISERI Alessandro
3rd: DPIRIT Filippo

MEN
1st: SCHINDLHEISEN Colin
2nd: RUGG Kathleen
3rd: TEARPE Nick

WOMEN
1st: BIKHAMIR Khadiza
2nd: FURJORA Senio
3rd: FREEDT Tatjana

137th FAI WORLD PARAGLIDING CHAMPIONSHIP (SOFPT, BULGARIA)

OVERALL TEAM OVERALL
1st: LAGIER Jerome
2nd: CAZALI Charles
3rd: CASSETA Davide

MEN
1st: BIDANMOIN Haruka
2nd: FUJIDORI Senio
3rd: FREEDT Tatjana

WOMEN
1st: BIKHAMIR Khadiza
2nd: FURJORA Senio
3rd: FREEDT Tatjana

137th FAI WORLD PARAGLIDING ACCURACY CHAMPIONSHIP (BUELSNICA, SARAJEVO, BOSNIA AND HERZEGOVINA)
21.05.2013 – 23.05.2013

OVERALL TEAM OVERALL
1st: QANG Sheng Guang
2nd: DUPEC Yves
3rd: LEHRIN Tomas

MEN
1st: MANASHEV Dimitri
2nd: VASILYEV Roman
3rd: ROMANENKO Vitalii

WOMEN
1st: VASILYEV Maria
2nd: ROMANENKO Vitalii
3rd: VASILYEV Vitalii

PARACHUTING

CONTINENTAL CHAMPIONSHIPS

5th FAI EUROPEAN ARTISTIC EVENTS CHAMPIONSHIPS (BANJALUKA, BOSNIA AND HERZEGOVINA)
30.05.2013 – 18.06.2013

FREEFALL SKYDIVING
1st: France
2nd: Russia
3rd: United Kingdom

FREEFLY
1st: France
2nd: Russia
3rd: Switzerland

11th FAI EUROPEAN FORMATION SKYDIVING CHAMPIONSHIPS (BANJALUKA, BOSNIA AND HERZEGOVINA)
30.05.2013 – 18.06.2013

4-WAY
1st: Belgium
2nd: Russia
3rd: France

4-WAY WOMEN
1st: England
2nd: United Kingdom
3rd: Sweden

8-WAY
1st: France
2nd: Russia
3rd: United Kingdom

4-WAY VTS
1st: France
2nd: Norway
3rd: Spain

MICROLIGHTS & PARAMOTORS

WORLD CHAMPIONSHIP

137th FAI WORLD PARAMOTOR SLALOM CHAMPIONSHIPS (ASPIRES SUR BUECH, FRANCE)

PL1 RACING TEAM
1st: KIRCHWIRCH Martin
2nd: LAILOIS Frederic
3rd: TAMAYO Michael

FF1 NATIONAL TEAM
1st: KOBAYASHI Genjiro
2nd: MATIOS Alexandre
3rd: FURUTA Shota

CONTINENTAL CHAMPIONSHIPS

12th FAI EUROPEAN MICROLIGHT CHAMPIONSHIPS (KAMENICA NAJ CHROCHU, SLOVAKIA)

CLASS RLX1
1st: PFLUEGER Marco
2nd: DEHANG Paul
3rd: KOZUKA Seiko

CLASS RLX2
1st: HAMIYAMA Masahiro
2nd: GRIMWOOD Rob
3rd: OGIWARA Yuki

CLASS RL3
1st: JORGENSEN Frank
2nd: CHANG Hae Sung
3rd: WILDMAN Ian

CLASS RL4
1st: DABROWSKI Adam
2nd: MICHIBAYSHI Hiromasa
3rd: YAMAZAKI Kenichi

CLASS RL5
1st: MARSHALL Mark
2nd: FRITZ Thomas
3rd: KOROLEV Alexander

CLASS RL6
1st: MARSHALL Mark
2nd: FRITZ Thomas
3rd: KOROLEV Alexander

CLASS RL7
1st: MARSHALL Mark
2nd: FRITZ Thomas
3rd: KOROLEV Alexander

ACCURACY LANDING – MEN
1st: BALATA Peter
2nd: KOZUKA Seiko
3rd: KOZUKA Seiko

ACCURACY LANDING – WOMEN
1st: KOZUKA Seiko
2nd: KOZUKA Seiko
3rd: KOZUKA Seiko

FREEFALL STYLE – MEN
1st: KOZUKA Seiko
2nd: KOZUKA Seiko
3rd: KOZUKA Seiko

FREEFALL STYLE – WOMEN
1st: KOZUKA Seiko
2nd: KOZUKA Seiko
3rd: KOZUKA Seiko

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OVERALL - MEN
1st: WESNER Stefan GER
2nd: MAXIMOV Dmitriy RUS
3rd: BURENIN Alexey RUS

ACCURACY LANDING - WOMEN
1st: LEPEZINA Olga RUS
2nd: QIU Li Han CHN
3rd: NIKULINA Irina RUS

FREEFALL STYLE - WOMEN
1st: LEPEZINA Olga RUS
2nd: FURMAN Evgeniya RUS
3rd: TURGANOVA Elvira RUS

OVERALL - WOMEN
1st: LEPEZINA Olga RUS
2nd: NIKULINA Irina RUS
3rd: YAN Cao CHN

THIRTEEN WORLD CUP OF CANOPY PILOTING (KOLOMNA, RUSSIA)
25.08.2013 - 01.09.2013

OVERALL
1st: BARTHOLOMEW Curt USA
2nd: DELLIBAC Tommy USA
3rd: SHARMAN William UAE

INDIVIDUAL - ACCURACY
1st: BARTHOLOMEW Curt USA
2nd: MOll Pablo Hernandez ESP
3rd: ROITHMAIR Dominic AUT

INDIVIDUAL - DISTANCE
1st: BATSCH Nick USA
2nd: SHARMAN William UAE
3rd: BARTHOLOMEW Curt USA

MULTI-SPORTS EVENT
THE WORLD GAMES CALI COLUMBIA
25.07.2013 - 04.08.2013

OVERALL
1st: BARTHOLOMEW Curt USA
2nd: DELLIBAC Tommy USA
3rd: FERARIC Matjaz SLO

MEN
1st: BARTHOLOMEW Curt USA
2nd: DELLIBAC Tommy USA
3rd: LUANGIAM Tanapat THA

WOMEN
1st: ROMANENKO Jolanta LTU
2nd: MARINKOVIC Milica SRB
3rd: GIOVANNAI Manuela SLO

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<td>Asian</td>
<td>Speed over a recognised course 193.2 km/h</td>
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## Annexes

### List of 2012 Awards

www.fai.org/awards

### GENERAL AWARDS

**FAI Gold/Air Medal**  
Mamzourov Abubekr

**SABHA GOKCEN MEDAL**  
SABHA GOKCEN

**FAI Silver Medal**  
Greenfield Arthur

**FAI Medal of Honour**  
Ruslan: Life Saver Rescue Helicopters (Southern Region)

**Czech Aeromodelling Union**

**Club Paracaidismo Castellón**

**Serres Aeroclub**

**Aero Club Stip**

**C.S.M. Buzau Space Modelling Section**

**Nomination for Astronautics:**  
The Central House of Aviation and Space of Russia

**Nomination for Aeronautics:**  
Russian Aeronautical Society (RAS)

**Aeroclub Nadal/Hilla, Parclin**

**Paul Thiemander Diplomas**  
Aslak Zahri

**Bulgarian Mitrax**

**Capt. Sullivan, J.J.**

**Caramazana Juan Ramon Alvarez**

**CIHLAR Jiri**

**COUCKE Rutger**

**DAVIES Barbara**

**Dr. Nagy Sangor**

**Ekinci Tamer**

**Eng. Labib Samad Rasuf**

**Elias Ibrahim**

**GERMANN Volker**

**Kladninski Jerry**

**Kotrouvalsky Vladimir**

**Laktiszovszka Elena**

**Lieutenant-Colonel (Retired) Rahman Bn Abdul**

**Loader (Youngest) Margaret**

**Mariko Takehiko**

**Marino Luis Jose Fernandez**

**Mavrothalamis Tassos Apostolos**

**Mihalyi-Szabo**

**Mihaylov Kevin**

**Mikratov Miroslav**

**Czeck Guns**

**Paukove Jindra**

**Pires Jose Pimenta**

**Pirez Fajaksap**

**Raczky Bala**

**Bjorn Vatn**

**Seghizzi Lucan**

**Buhac Aron**

**Stevens Mary Anne**

**Szunrowski Wiktor**

**Tomasi Andrea**

**Vand de Woestyne Jo**

**Wildner Mario Arenas**

**Zhuperin Alexander**

### INDIVIDUAL DISCIPLINES

#### AEROBatics

**Leon Biancotto**

**Kavka Pavol**

**AEromodelling**

**Halman Jo**

**Andrei Tupolev**

**Cipcic Vladimir**

**Alphonse Penaud**

**Kalmar Sandor**

**Antonov**

**Rame Michael**

**Andrei Tupolev**

**Mott Antony**

**Frank Ehlising**

**Cvjeticanin Nikola**

**AStronAutics**

**Yuri A. Gagarin**

**Dr. Pettit Donald R.**

**vladimir m. komarov**

**Crew of ISS Expedition 31**

**Crew of ISS Expedition 32**

#### Aviation and Space Education

**Nile Gold Medal**

**Vetrov Yuri**

#### Ballooning

**Montgolfier Ballooning Diplomas**

**Henne Mignet**

**Marie Jean-Pierre and Delage Jean-Pierre**

**Astronautics**

**Dr. Petitt Donald R.**

**Crew of ISS Expedition 31**

**Crew of ISS Expedition 32**

**Aviation and Space Education**

**Balloonist Year**

**Balloonist Year**

**Hang Gliding**

**Chase Lindberg General Aviation Diploma**

**Gliding**

**Charles Lindberg General Aviation Diploma**

**Elanor Gold Medal**

**Colin Fisk Smile Medal**

**Relaja Majewiska Gliding Medal**

**Toole Award**

**First Sehiring Diploma**

**Petersham Diploma**

#### Hang Gliding

**Pepe Lopez Medal**

**Owen Coales**

#### Microlights

**Graham McEachrnan**

**Sotula Peter**

#### Parachuting

**Gold Parachuting Medal**

**Westman Anton**

#### FAI – Breitling Awards

**Breitling Milestone Trophy**

**Breitling Youngster Award**

**Breitling Youngster Award**

**Breitling Youngster Award**

**Breitling Youngster Award**

**Breitling Youngster Award**
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, 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 Grubbarström
- Deputy to the President
- Assistance with Strategy paper and ASC Autonomy
- IPETA Director

**Executive Directors**
Mr. Alvaro de Orleáns Borbón
- Executive Director Finance
- FAI representative as FAME Director

Mr. Robert Clipsham
- Membership issues
- Coordination with international sports organisations
- Fundraising
- OIA and EnvC
- Coordination with the Statutes Working Group
- Regional Vice Presidents for Africa & Middle East

Mr. Robert Henderson
- FAI Sports Strategy
- FAI representative as FAME Chairman
- Sponsorship
- Anti-Doping

Mr. Otto Lagarthus
- FAI Regional Management System
- Regulation and Safety Expert Groups
- Coordination with international aviation organisations
- Strategy Paper and ASC Autonomy
- IPETA Director

Mr. Beat Neuenschwander
- Development of the FAI Expert System
- Airspace and Navigation Expert Groups
- Strategic support to Head Office issues

**Secretary General**
Mr. Jean-Marc Badan (non-voting member) – until his resignation effective on 30 November 2013.

**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.

**Executive Directors**
- IPETA Director
- FAI representative as FAME Director
- Membership issues
- Coordination with international sports organisations
- Fundraising
- OIA and EnvC
- Coordination with the Statutes Working Group
- Regional Vice Presidents for Africa & Middle East

**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 with assignments carried out “on demand”.

**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.

**EXECUTIVE DIRECTORS**
- Executive Directors
- IPETA Director
- FAI representative as FAME Director
- Membership issues
- Coordination with international sports organisations
- Fundraising
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**EXECUTIVE BOARD**
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**REGIONAL VICE-RESIDENTS (RVPs)**
The FAI Regional Vice-Presidents 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 currently represented in the FAI
- As requested, assist the Air Sport Commissions in matters pertaining to the applicable region

Effective implementation of the FAI Regional Vice President (RVP) function will result in a much-needed revitalisation 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 started in 2012 with 2 regions, namely East and South Asia and South America. It was expanded to Africa in 2013 and will include other regions as needs arise.

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

CONCEPT, COORDINATION, SOURCING AND EDITING OF CONTENT
Faustine Carrera, FAI Communication Manager

In collaboration with:
Ségolène Rouillon, FAI Members and Services Manager
Robert Hughes, FAI Senior Sports Manager
FAI Head Office, Commissions and Executive Board

DESIGN
Didwo.com

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Ian Johnson
Eerik Kiskonen
Brad Merritt