



2019
FAI F3CN
WORLD CHAMPIONSHIPS
for Model Helicopters
BALLENSTEDT / GERMANY

2019 FAI F3CN World Championships for Model Helicopters

Classes F3C and F3N
for Seniors and Juniors

August 3rd – August 10th 2019

Ballenstedt / Germany

Opening ceremony: 3rd of august 2019

Closing ceremony: 10th of august 2019

Bulletin 1 (10/2018)



www.wcf3cn2019.de

Table of Contents

1	ORGANISER AND LOCATION.....	4
1.1	Classes.....	4
1.2	Participation.....	4
1.3	F3C/F3N junior World Championships.....	4
1.4	Site location.....	5
1.5	Location.....	7
1.6	How to reach Ballenstedt.....	8
1.7	Climate.....	8
1.8	Additional Information.....	8
2	RULES.....	9
2.1	Competition Rules.....	9
2.2	Anti-doping.....	9
2.3	FAI Sporting Licence.....	9
2.4	Protest Deposit.....	10
3	OFFICIAL LANGUAGES.....	10
4	FAI JURY.....	10
5	JUDGES AND CONTEST DIRECTOR.....	10
5.1	Contest Director.....	10
5.2	FAI Judges F3C (Flightline A).....	10
5.3	FAI Judges F3C (Flightline B).....	10
5.4	FAI Judges F3N.....	11
5.5	Reserve Judges.....	11
6	CLASSIFICATION AND AWARDS.....	11
6.1	Individual classification.....	11
6.2	Team classification.....	11
6.3	FAI Trophies.....	11
7	SCHEDULE.....	12
8	ENTRY FEES.....	13
9	DEADLINES.....	13
9.1	Preliminary Entry Form.....	13
9.2	Final Entry Form.....	13
9.3	Terms of Payment.....	14
10	LODGING AND FOOD.....	15
10.1	Accommodation.....	15
10.2	Banquet.....	16
11	INSURANCE.....	16
12	FREQUENCIES.....	16
13	COMPLEMENTARY INFORMATION.....	17
13.1	Model Aircraft Specification Certificates.....	17
13.2	Practice Sites.....	17
13.3	Model Aircraft Fuel.....	17

13.4 Shipping Batteries / Fuel for models.....	17
13.5 Visa requirements.....	17
13.6 Registration of the national teams.....	19
13.7 Registration of the jury members and judges.....	19
13.8 Free WiFi.....	19
13.9 Tour.....	19
14 ORGANISER CONTACT DETAILS.....	20

Attachments:

Preliminary Entry Form

2019_FAI_WC_F3CN_GER_Preliminary_Entry_Form.xls

F3N Set Manoeuvres Form

2019_FAI_WC_F3CN_GER_F3N-Set-Manoeuvres_Form.xls

1 ORGANISER AND LOCATION

The German Aero Club (DAeC) invites all FAI affiliated National Air Sport Control Organizations in the World to join in the 18th FAI F3CN World Championships for model helicopters for seniors and juniors with a team in class F3C and / or with a team in class F3N for the year 2019 on the following terms:

1.1 Classes

F3C – Aerobatic Model Helicopter – Senior and Junior

F3N – Freestyle Model Helicopters – Senior and Junior

1.2 Participation

Every FAI affiliated National Aero Club (National Airsport Control Organization) in the World may enter a F3C-Team consisting of one Team Manager, three senior pilots, one junior pilot and helpers and/or a F3N-Team also consisting of one Team Manager, three senior pilots, one junior pilot and helpers, in agreement with 2019 CIAM General Rules C.5.3. The 2017 F3C World Champion and the 2017 F3N World Champion are also invited to attend. Supporters from each participating country are welcome to the event.

The reigning F3C World Champion, Ennio Graber (SUI), and the reigning F3N World Champion, Ko Huan-Chen (TPE), have the right (subject to the approval of his NAC) to participate in the championship in their class regardless of whether or not they qualifies for the national teams. If they are not a member of the national team, their scores or places will not be considered in the team results.

Every competitor can be a member of the F3C-Team and the F3N-Team and compete in both classes. In a case of doubt the jury decides about the starting time of this competitor in each round F3C and F3N.

1.3 F3C/F3N junior World Championships

The F3C/F3N World Championships will also have a junior classification, based on the FAI Sporting Code regulations, Section 4 – Aeromodelling – CIAM General Rules 2019 edition – Effective 1st January 2019.

This means that every NAC may enter a junior competitor by either adding him/her to the senior team or as their only representative.

The title of World Champion in the junior category will only be awarded if at least competitors from 4 different nations compete. Regardless of the minimum number of competitors, the organizer guarantee that the achievement of junior competitors will be honoured at the official award ceremony and with the FAI medals.

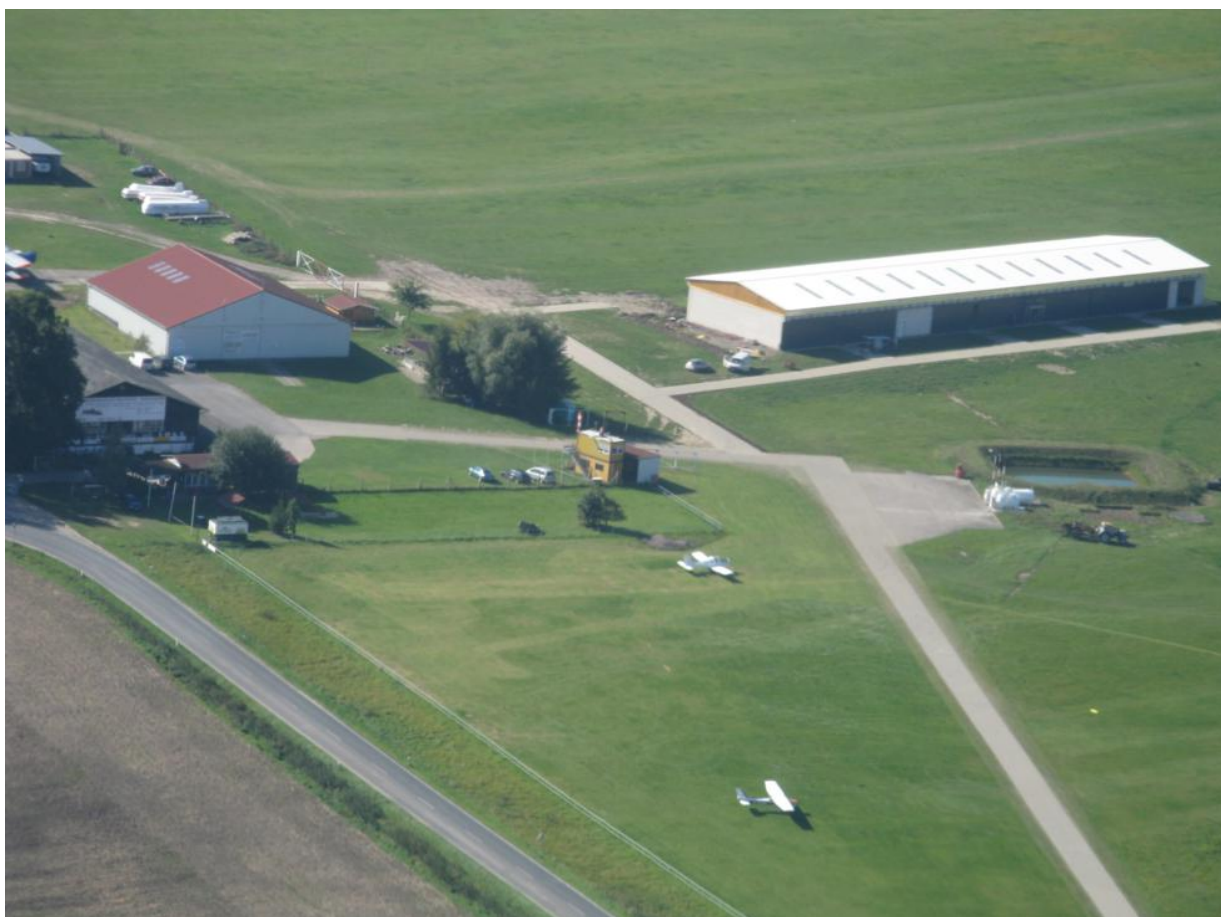
1.4 Site location

The F3C/F3N World Championships will be held at the “Verkehrslandeplatz Ballenstedt/Quedlinburg”, Germany. Two flying fields (one for F3C and one for F3N) will be utilized for the World Championships. If necessary a second flightline for F3C will be prepared close to the main flying site. The distance between the two flightlines on the main field is about 500 meters. The flying field is located 13 km away from Quedlinburg, a city of UNESCO World Heritage.

Field elevation: 163 meters above sea level

GPS Coordinates: N 51°44' 45" E 11°13' 47"





1.5 Location

Scenic attractive is Ballenstedt located on the northern edge of the Harz. The city, which is from October 2010 state-approved resort, can look back on a remarkable historical past. The city Ballenstedt maintains their cultural heritage. The Palace Theatre, the museum, the castle and the historical old part of the town delight all guests.



1.6 How to reach Ballenstedt

By car: From the north Highway A7 or A14 – direction Quedlinburg followed by B6n
From the South Highway A9 or A14 - direction Quedlinburg and Ballenstedt followed by B6 or B6n

By plane: Leipzig / Halle Airport (LEJ) 112 km
Hannover Airport (HAJ) 124 km
Berlin – Schönefeld Airport (SXF) 210 km

Car rentals

For participant arriving Germany by plane this most major car rental companies are present in the arrival hall:

Avis www.avis.de
Budget www.budget.de (not at Hannover airport)
Buchbinder www.buchbinder.de (only at Berlin airport)
Europcar www.europcar.de
Hertz www.hertz.de
Sixt www.sixt.de

All participants rent the cars individually and bear the relevant costs.

1.7 Climate

Average weather conditions in Quedlinburg during August are as follows:

Average min. daily temperature: 12° C

Average max daily temperature: 22° C

Average number of Raindays: 10

Average hours of sunshine: 6

1.8 Additional Information

Local Time

Central European Summer Time = GMT + 2 hours

International Dialling Codes

To Germany: 0049 + area code (without "0") + number

Emergency Numbers

Euro-emergency number: 112

Fire / Ambulance: 112

Police: 110

Currency

The unit of currency is the EURO which is divided into 100 cents. There is no limit on the amount of money that may be taken into Germany. If you are carrying cash or equivalent means of payment in the amount of EUR 10,000 or more, these must be declared to customs.

Most hotels, restaurants and businesses accept credit cards (American Express, Visa, Eurocard/MasterCard and Diners Club). All common currencies can be exchanged at banks, post offices, at airports, in bigger hotels, tourist offices and other currency exchange locales.

A network of ATM machines, most of which allow cash advances on credit cards, can be found across the entire country. Currency exchange machines are available in some cities.

There is no restriction on cash amounts being imported to or exported from Germany.

Electricity

Germany uses 220 Volts, AC at 50 cycles/seconds. The plugs in use are two-pin round. Some appliances will not function well, even if equipped with an adapter.

2 RULES

2.1 Competition Rules

The championships will be run according to:

- FAI Sporting Code Section 4 Aeromodelling CIAM General Rules 2019 Edition.

<https://www.fai.org/page/ciam-code>

- FAI Sporting Code Section 4 Aeromodelling Volume F3 Radio Control Model Helicopters 2019 Edition.

<https://www.fai.org/page/ciam-code>

- FAI General Section and FAI Code of Ethics.

<https://www.fai.org/documents>

2.2 Anti-doping

If a competitor has to take, for a medical condition, any of the substances listed on the WADA Prohibited List for medical treatment, he must have a valid Therapeutic Use Exemption (TUE) from the FAI.

2.3 FAI Sporting Licence

Each competitor and team manager must possess a FAI Sporting Licence valid for the year of the championships. This licence must be registered in the FAI licences database.

The holder of a FAI Sporting Licence may be required to produce an official document bearing his photograph and signature as proof of identity.

2.4 Protest Deposit

Any protest must be presented in writing to the Contest Director and must be accompanied by the deposit of a fee of 50 Euros. The deposit is returned only if the protest is upheld.

3 OFFICIAL LANGUAGES

Official Languages are English and German.

4 FAI JURY

Stefan Wolf (GER) – Jury President – Chairman of F3CN Subcommittee

Francois Dussaughey (FRA) – Member of F3CN Subcommittee

Horace Hagen (USA) – Former Chairman of F3C Subcommittee

Reserve:

Liam Broderick (IRE)

Miguel Ramos (PHI)

5 JUDGES AND CONTEST DIRECTOR

5.1 Contest Director

Ralf Bäumener (GER)

All the other members of the World Championships flightline teams will be published in Bulletin 2.

5.2 FAI Judges F3C (Flightline A)

Giovanni LoFurno (BEL)

Eladi Lozano Garcia (ESP) – Member of F3CN Subcommittee

Roger Lacome (FRA) – Head Judge F3C

Miguel Ramos (PHI) – Member of F3CN Subcommittee

Rüdiger Spohr (GER)

5.3 FAI Judges F3C (Flightline B)

Dmytro Derigin (UKR)

Johann Egger (AUT)

Walter Heller (SUI)

Lucio della Toffola (ITA) – Member of F3CN Subcommittee / Head Judge Line B

Muraki Yasunobu (USA)

In case of the use of only one flightline the judges from flightline A will be used.

5.4 FAI Judges F3N

Liam Broderick (IRE) – Member of F3CN Subcommittee / Head Judge F3N
Oscar Chinello (ITA)
Manfred Geyer (AUT)
Tobias Kern (GER)
Jason Platts (GBR)

5.5 Reserve Judges

Francois Dussaughey (FRA) F3C and F3N
Stefan Wolf (GER) F3C and F3N

6 CLASSIFICATION AND AWARDS

6.1 Individual classification

FAI medals and diplomas will be awarded to the first three individual places for senior and for junior pilots.

If there are less than four nations in the junior category, the junior world champion title will not be awarded.

6.2 Team classification

FAI medals and diplomas will also be awarded to each member (including the fourth competitor and the team manager) of the first three teams.

6.3 FAI Trophies

Category	Name	Condition	Box	Awarded
F3C Individual	Challenge Trophy	Very good	Yes	Ennio Graber (SUI)
F3C Team	Challenge Trophy	Very good	Yes	France

7 SCHEDULE

Date	F3C	F3N
Friday 2 nd August	Arrival Teams F3C Arrival Jury and Judges F3C	Arrival Teams F3N Arrival Judges F3N
Saturday 3 rd August	Registration Teams F3C Model Processing Judge Training Official Practice	Registration Teams F3N Model Processing Judge Training Official Practice
	Opening Ceremony	
	Meeting for Team-Managers, Jury, Judges and Contest Director at Meeting Room	
Sunday 4 th August	Round 1 of Schedule P	Preliminary Round 1 (Set manoeuvres)
Monday 5 th August	Round 2 of Schedule P	Preliminary Round 2 (Freestyle)
Tuesday 6 th August	Round 3 of Schedule P	Preliminary Round 3 (Set manoeuvres)
	F3CN Subcommittee Meeting at Meeting Room	
Wednesday 7 th August	Round 4 of Schedule P	Preliminary Round 4 (Music Freestyle)
	Meeting for Team-Managers, Jury, Judges and Contest Director at Meeting Room	
Thursday 8 th August	Reserve Day	
Friday 9 th August	Round 1 of Schedule F Round 2 of Schedule F	Final Round 1 (Set manoeuvres) Final Round 2 (Freestyle)
Saturday 10 th August	Round 3 of Schedule F	Final Round 3 (Music Freestyle)
	Prize-Giving Closing ceremony Banquet	
Sunday 11 th August	Departure	

NOTE: The organisers reserve the right to change this schedule if necessary

A more detailed schedule will be published in Bulletin 2.

8 ENTRY FEES

Team Manager F3C and F3N	€ 450,00	This covers participation to the World Championships, access to the flightline, entry to Opening Ceremony, souvenirs and gifts.
Senior Competitor F3C and F3N	€ 540,00	This covers participation to the World Championships, access to the flightline, entry to Opening Ceremony, souvenirs and gifts.
Junior Competitor F3C and F3N	€ 270,00	This covers participation to the World Championships, access to the flightline, entry to Opening Ceremony, souvenirs and gifts.
Caller, Helper or Mechanic	€ 80,00	This covers participation to the World Championships, access to the flightline, entry to Opening Ceremony, souvenirs and gifts.
Supporter	€ 60,00	This covers participation to the World Championships, entry to Opening Ceremony, souvenirs and gifts.
Banquet Fee	€ 50,00	Including foods and drinks

A competitor who will be also a team manager will only pay the entry fee of a competitor.

A 50% discount will be offered on the second entry fee when a competitor is flying in more than one class.

9 DEADLINES

9.1 Preliminary Entry Form

The Preliminary Entry Form typed or written in block letters and signed and stamped by NAC shall be sent by post, e-mail or fax no later than March 31st, 2019.

9.2 Final Entry Form

The Final Entry Form typed or written in block letters and signed and stamped by NAC shall be sent by post, e-mail or fax no later than April 30th, 2019.

Entry Forms please send to:

Deutscher Aero Club
Bundeskommision Modellflug
Hermann-Blenk-Straße 28
38108 Braunschweig
Germany/Europe
Fax: +49 531 2 35 40 11
email: s.brandes@daec.de

Passport size photographs of all team members (min resolution 300 dpi) have to be sent by email to the organiser not later than April 30th, 2019. Therefore use the following email address: info@wcf3cn2019.de

9.3 Terms of Payment

Recipient	Address of Bank	Intern. Money Transfer
Deutscher Aero Club Attn. Sebastian Brandes Hermann-Blenk-Strasse 28 D-38108 Braunschweig	Deutsche Bank PGK AG Branch Bank Querum Bevenroder Straße 123 D-31108 Braunschweig Germany	BIC: DEUTDEDB270 IBAN: DE92270700240344499904 Title: F3CN WCh 2019, Country

All fees must be received by the organisers at June 30th, 2019. This also includes payment for banquet etc. (acc. to Final Entry Form). For entry fees received later than June 30th, 2019, participants must pay an additional fee of 15%. The entry fee paid at the contest site will be increased by 20% and must be paid in cash at the contest office.

10 LODGING AND FOOD

10.1 Accommodation

It's up to the teams to book their accommodation. Please see the list of hotels, all but one *** plus. Available are other hotels, pensions, cottages, holiday flats, private rooms. For some teams small pensions or holiday apartments might be of interest. Information at tourist centre of Ballenstedt www.ballenstedt-tourist.de or tourist centre of Quedlinburg www.quedlinburg.de Quedlinburg is one of the best preserved medieval towns and a site of the UNESCO World Heritage.

Name (location)	Dial Germany +49	Price per room Breakfast incl.	Distance to EuCh airfield in Ballenstedt	
			e-mail	website
Schlosshotel Ballenstedt (Ballenstedt)	Tel (0)39483-510	Single 79 € Double 99 €	3 km ballenstedt@vandervalk.de http://ballenstedt.vandervalk.de	
Acron-Hotel (Quedlinburg)	Tel (0)3946-7702-0	Single 45 € Double 65 €	12 km info@acron-quedlinburg.de www.acron-quedlinburg.de	
Hotel Quedlinburger Hof (Quedlinburg)	Tel (0)3946-8117070	Single 40 € Double 59 €	12km reservierung@regiohotel.de www.quedlinburgerhof.de	
Hotel Zum Bär (Quedlinburg)	Tel (0)3946-7770	Single 65 € Double 100 €	12 km Info@hotelzumbaer.de www.hotelzumbaer.de	
Romantik Hotel Am Brühl (Quedlinburg)	Tel (0)3946-96180	Single 108 € Double 140 €	12 km kontakt@hotelambruehl.de www.hotelambruehl.de	
Hotel zur goldenen Sonne (Quedlinburg)	Tel (0)3946-96250	Single 49 € Double 69 €	12 km info@hotelzurgoldenensonne.de www.hotelzurgoldenensonne.de	
Hotel Domschatz (Quedlinburg)	Tel (0)3946-705270	Single 35 € Double 58 €	12 km anfrage@quedlinburg-hoteldomschatz.de www.quedlinburg-hoteldomschatz.de	
Precise Quedlinburger Stadtschloss (Quedlinburg)	Tel (0)3946-52600	Single 65 € Double 99 €	12 km info@wyndhamgardenquedlinburg.com https://www.wyndhamgardenquedlinburg.com/	
Hotel garni Am Dippeplatz (Quedlinburg)	Tel (0)3946-77140	Single 49 € Double 72 €	12 km hotel@amdippeplatz.de www.hotel-amdippeplatz.de	
Hotel Schlossmühle (Quedlinburg)	Tel (0)3946-7870	Single 84 € Double 98 €	12 km info@schlossmuehle.de www.schlossmuehle.de	
Hotel am Hoken (Quedlinburg)	Tel (0)3946-52540	Single 49 € Double 69 €	12 km anfrage@hotel-am-hoken.de www.hotel-am-hoken.de	
Hotel zum Brauhaus (Quedlinburg)	Tel (0)3946-901481	Single 55 € Double 89 €	12 km info@hotel-brauhaus-luedde.de www.hotel-brauhaus-luedde.de	

Camping is also possible directly beside the flying site.

Every participant of the World Championship is responsible for his food. At the flying site you will find a bistro where different kinds of lunch will be prepared. The costs are between 5,- Euro and 15,- Euro per day.

Also for lunch and dinner a lot of restaurants will be found in and close to Quedlinburg. The estimated costs for lunch or dinner in a restaurant are between 10 Euro and 30,- Euro for each person.

10.2 Banquet

The banquet will take place August 10th, 19:30 hours (admission is possible starting at 19:00 hours).

Tickets are € 50 per person, drinks are included. Tables and additional tickets to be ordered during registration. The banquet will be hosted at Kulturhaus Badeborn, within 3 km distance from Ballenstedt airfield.

11 INSURANCE

The participants are advised to have their own insurance for theft, goods, accident and medical.

The organizer will provide a limited third party liability insurance covering all competitors for model accidents involving injury to others and damage to property. The organizers are not responsible for any other injury, loss, theft or damage to persons or property.

12 FREQUENCIES

2.4 GHz transmitters have to fulfil European Standard EN 300328. The maximum equivalent emission power EIRP is 100mW peak. The transmitter must be CE marked and bear the declaration of conformity. Other transmitters for model aircraft are accepted on demand and must use in Germany authorized frequencies:

40 Mhz	40.665	40.675	40.685	40.695	40.715
	40.725	40.735	40.765	40.775	40.785
	40.815	40.825	40.835	40.865	40.875
	40.885	40.915	40.925	40.935	40.965
	40.975	40.985			
35 Mhz A	35.010	35.020	35.030	35.040	35.050
	35.060	35.070	35.080	35.090	35.100
	35.110	35.120	35.130	35.140	35.150
	35.160	35.170	35.180	35.190	35.200

35 MHz B	35.820	35.830	35.840	35.850	35.860
	35.870	35.880	35.890	35.900	35.910

Other frequencies are not permitted!

It is by the organizer to decide if a transmitter compound is necessary in case of most of the pilots use 2.4 GHz.

13 COMPLEMENTARY INFORMATION

13.1 Model Aircraft Specification Certificates

All models must be processed by the competitor's NAC in accordance with CIAM General Rules C.12. Model aircraft not properly processed by their NAC, with FAI certificates and stickers, will be processed by the organiser at a cost of 8 Euro for each model (refer CIAM General Rules C.12 b).

13.2 Practice Sites

Different practice sites will be available around the World Championships area within a distance of 30 km. Detailed maps will be available in Bulletin 2 or Bulletin 3.

13.3 Model Aircraft Fuel

Will be available upon request. More information will be delivered in Bulletin 2.

13.4 Shipping Batteries / Fuel for models

Batteries/Fuel for F3C and F3N models can be shipped to the Organisers. The responsibility for in time delivery of Batteries/Fuel to the contest site lies on contestants. The Organisers are responsible for arranging safe storage for this Batteries / Fuel.

Please feel free to ask for the receiving address at info@wcf3cn2019.de

13.5 Visa requirements

Current state information are available at www.schengenvisainfo.com

Schengen Visa information

A Schengen Visa is the document issued by the appropriate authorities to the interested party for visiting/travelling to and within the Schengen Area.

The Schengen Area is comprised of 26 countries that have agreed to allow free movement of their citizens within this area as a single country. Of the 26 countries bound by the Schengen agreement, 22 are part of the EU and the other 4 are part of the EFTA.

Schengen area covers the majority of European countries (Belgium, Denmark, Germany, Estonia, Finland, France, Greece, Iceland, Italy, Latvia, Lithuania,

Luxembourg, Malta, Netherlands, Norway, Austria, Poland, Portugal, Sweden, Switzerland, Slovakia, Slovenia, Spain, Czech Republic, Hungary), except for the United Kingdom and countries such as Romania, Bulgaria, Croatia, Cyprus and Ireland soon to be part of the agreement. However, there are countries that are not part of the EU like Norway, Iceland, Switzerland and Lichtenstein yet do belong in the Schengen area and cherish the free movement policy.

Who needs a Schengen Visa?

After the signing of the Schengen Convention in Luxembourg in 1990, among the 22 European Union member states and the 4 EFTA member states, the concept of free movement started being implemented just 5 years after, allowing the population of the certain member countries to travel freely and start a life in any of them countries.

Schengen Area nowadays covers most of the European Countries with an exception made for the United Kingdom and the countries that are soon to be part of this agreement as Romania, Bulgaria, Croatia, Cyprus and Ireland. Although not members of the European Union, the following countries like Norway, Iceland, Switzerland and Lichtenstein are also part of the Schengen zone enjoying the same freedom of movement policy as the others.

Get more information here: www.schengenvisainfo.com/who-needs-schengen-visa

Schengen Visa Fee

When applying for a Schengen visa there is a non-refundable mandatory visa fee every applicant must pay. The Schengen visa costs vary depending on the type of visa and age of the applicant as well as some other exceptions stated below in the text. The Schengen visa fee can be paid in the designated consulate/embassy via cash, debit or credit card. However, some consulates may not allow you to pay by credit card.

The Schengen visa costs include the visa fee and the service fee, payable at the corresponding embassy/consulate when applying. Again, in case the visa is denied there is no refund of the money paid.

The regular Visa fee (in Euro)

- Airport transit visa 60.00 EUR
- Short stay Schengen visa, less than 90 days 60.00 EUR
- Long stay visa, more than 90 days 99.00 EUR

The visa fee is 35 EUR for:

- Children between the age of 6 and below 12 years old.
- Nationals from, Georgia, Kosovo, Russia, and Ukraine.

There is no visa fee for:

- Children under 6 years of age
- Pupils, students, postgraduates and the accompanying teachers who are travelling for the purpose of studying or educational training
- Researchers of the third-world countries travelling for the purpose of scientific research
- Representatives of non-profit organizations aged 25 years or less participating in seminars, conferences, sports, cultural or educational events organized by non-profit organizations.

13.6 Registration of the national teams

Documents to be presented at registration:

- entry form signed and stamped by the National Aero Club / National Federation
- Valid FAI Licences of competitors, Team-Manager, Team-Mangers Assistant
- The holder of a FAI Sporting Licence may be required to produce an official document bearing his photograph and signature as proof of identity.
- The proof of payment of entry fee and fuel
- Model certificates to be presented only during model processing
- 2 national flags, approx 1 x 1.5 m
- National anthem on CD or USB-Stick in MP3 format

At the registration the team manager will receive the ID cards, Information and program folder, souvenirs and the banquet voucher (if ordered).

The national flags and the anthem will be returned to the Team Manager after the Closing Ceremony.

13.7 Registration of the jury members and judges

Every FAI-Judge has to present his international licence to the jury. At the registration the jury members and judges will receive the ID cards, travel expenses, souvenirs and the banquet voucher.

13.8 Free WiFi

The organiser will provide free WiFi at each flightline. The official website of the World Championships will be updated by the competitors' results during the whole Championships day.

13.9 Tour

The organiser has not decided yet if a tour will be organized at the reserve day. More information will be published in Bulletin 2.

14 ORGANISER CONTACT DETAILS

Ralf Bäumener

In der Delle 7

57271 Hilchenbach

mobile +49 160 963 923 38

r.baumener@googlemail.com