

FAI European Championships for Model Helicopters F3C + F3N 2012 Bulletin 3

This Bulletin comprises all information of Bulletins No 1 plus 2 and replaces them

Invitation

The German Aero Club (DAeC) invites all Active or Associated Members of FAI within Europe (as defined by FAI SC Gen Sec 3.5.4.3) to participate with a team in the 14th FAI European Championship for model helicopters F3C and with a team in the 1st FAI European Championship for model helicopters F3N in 2012.

F3C + F3N Junior Classification

The F3C and F3N European Championships will include a junior classification, according to SC4 Vol ABR B.3.4. and B.3.5. NACs may enter one junior competitor by adding him/her to the senior team or even as their only representative. This junior will compete within all other seniors and juniors regardless of his/her age and may even win the title of a (Senior) European Champion. Beside of that over all classification there will be a separate juniors ranking with all competitors up to and including the age of 18. The title of a <u>Junior</u> European Champion will be awarded if competitors participate from at least four different nations. Regardless of the number of competitors, the organizer will honour the achievement of junior competitors at the official award ceremony.

Participation

The NACs respective Associated Members may enter a F3C-Team consisting of one Team Manager, three senior pilots, one junior pilot and/or a F3N-Team also consisting of one Team Manager, three senior pilots, one junior pilot. The 2010 F3C European Champion is also invited to attend. Supporters from all participating countries are welcome. Every competitor can be a member of the F3C-Team and the F3N-Team and compete in both classes. In case of time clashes it's up to the CDs and the Jury to offer a solution.



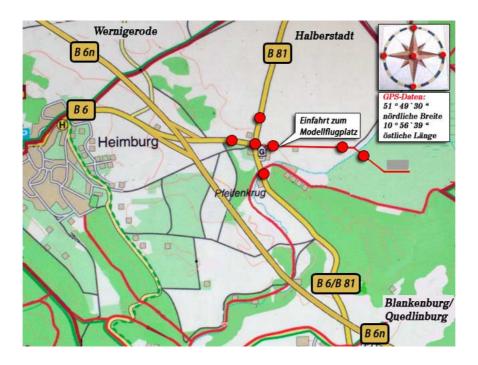
Site Location

The European Championships will take place at Ballenstedt Airport - see www.flugplatz-ballenstedt.de It will be the first time at Model Helicopters European Championships that two flight lines will be operated simultaneously, separated by about 600 m. Several premises and a hangar will be used for meetings and shelter. With its 800 meters long bitumen runway, the airport is released for planes up to 5.700 kg. Field elevation: 163 meters above sea level. GPS Coordinates: N 51°44′ 45″ E 11°13′ 47″

July offers the most stable weather conditions in summer time in Germany, with average temperatures above 20° C.

Training Fields

Within the vicinity to Ballenstedt there are two airfields available, big enough for flying of two ore three F3C or F3N model aircraft at the same time. Distance to the airfield Quedlinburg is about 8 km, to Blankenburg 38 km. The clubs which own the fields are informed about the usage during the event and welcome the competitors, but don't offer any flight line management. For information see http://www.mfk-ostharz.de/mfk new/include/platz.php and http://www.mfc-blankenburg.de/hauptframe.html (see the following map)



Event Management

Event + Contest Director, on behalf of the Aeromodelling Commission of the DAeC: Achim Krüger, Schmiedestr. 5, D-31311 Uetze, Tel. +49-5173-2731, Mobile +49-171-2043277, e-mail direktor@fai-heli.eu

Event Co-Director, **Manager of Ballenstedt Airport** and person to turn to in the region: Uwe Gröschler, Am Gegenstein, 06493 Ballenstedt/ Asmusstedt, phone +49-39483-215, fax +49-09483-273, e-mail vlpharz@gmx.de

The Office to turn to is run by Executive Secretary Michael Thoma, DAeC, Hermann-Blenk-Str. 28, 38108 Braunschweig, e-mail m.thoma@daec.de, phone +49-531-23540-56 fax +49-531-23540-11

Participation

Official attendance had had to be submitted by February 29th. Further participations are welcome but will only be accepted up to a maximum of 58 pilots in F3C and of 45 pilots in F3N. Please see the attendance list attached.

Jury + Judges

FAI Jury

Dag Eckhoff (F3C S/C Chairman, NOR - President) Gerhard Wöbbeking (CIAM 1st Vice President, GER) Manfred Dittmayer (AUT) Emil Giezendanner (F5 S/C Chairman, SUI - Reserve)

FAI Judges F3C

Carl Otto Strandh (SWE) Manfred Geyer (AUT) Roger Lacome (FRA) Stefan Wolf (GER) Oscar Chinello (ITA)

FAI Judges F3N

Josef Emmenegger (SUI) Harald Schappacher (AUT) Tobias Schulz (GER) François Dussaugey (FRA) Kim Jensen (DAN)

Reserve Judges: Martin Cook (GBR) F3C and F3N Frits van Laar (NED) F3C and F3N

Competition Rules / Local Rules

The event will be run according to the FAI Sporting Code, Section 4, Vol F3 RC Model Helicopters 2012 Edition. There is one deletion and two additions (**bold**), agreed by the CIAM Plenary April 21, 2012 and effective by May 1, 2012:

- 1. For F3N, the second sentence of Vol F3 RC Model Helicopters 2012 Edition 5.11.5 must be deleted ("One MA may be used by several pilots" in contradiction to Vol ABR B.17.2). The remaining paragraph reads: "The number of M(odel) A(ircraft) is not limited."
- 2. Annex 5D F3C Manoeuvre Descriptions & Diagrams F3 Heli Sub-committee 5D.2 P10 Autorotation with two 90° turns – (DU): MA flies at a minimum altitude of 20 m. Manoeuvre begins when MA crosses an imaginary plane that extends vertically upward from a line drawn from the centre judge out through the helipad. MA must be in the autorotation state when it cuts this plane. The engine power must be reduced to idle (or off) at this point and the MA must be descending. The first 90° turn must be made after the MA has made 1/3 of the total descent. After this turn the MA must fly straight before the next turn is made after the MA has made 2/3 of the descent. The MA then flies straight down to the helipad. Each leg of the manoeuvre must be a minimum of 10m in length. The descent rate must be constant from start to a point just before touchdown on the helipad. The flight path of the MA must appear as an open square when viewed from above, starting at the vertical plane and ending at a line drawn from the centre judge through the helipad. If the helicopter flies out of the 120° window during the second turn it shall not result in a downgrade of 2 points.
- 3. Annex 5E F3C Judges Guide F3 Heli Sub-committee 5E.6.3 STOPS: For the hovering manoeuvres the stops must be equal to or greater than 2 seconds in duration if not otherwise specified. All stops must be of the same duration. If a stop is less than 2 seconds long, a downgrade of half a point should be made. If a stop is greater than 2 seconds, no downgrade should result as long as the MA does not move.

In manoeuvres containing stops of unspecified duration (but are a necessary part of the manoeuvre) no downgrade shall be made for the stops.

Local Rule

During Processing, all batteries will be marked. Only marked batteries must be used during competition and will be checked at the flight line.

Protest

Team Managers are entitled to file a complaint or to lodge a protest. Protest fee as stated SC4 Vol ABR B.18.1. Euro 35. If the protest is upheld the deposit is to be returned.

Anti-doping

In case a competitor has to take any of the substances listed on the 2012 WADA Prohibited List for medical treatment he/she must bear a Therapeutic Use Exemption from the FAI, applied for no later than 21 days before the event. All participants of the F3C/F3N event shall assure their acceptance of the FAI Anti-Doping Rules with their signature on the "Acknowledgement and Agreement" form to present during registration (see Attachment No. 4).

FAI Model Certificates

Every participant must show a valid certificate issued by his/her national federation (see FAI SC4 ABR B.17.6) for every model. Models without certificate will be registered by the organizer (8 Euro per model).

Registration F3C + F3N

Documents and gear to be presented at registration:

- Entry form signed and stamped by the National Air Sports Control /Federation
- FAI Licenses of competitors and Team Managers
- Proof of payment of entry fee and fuel
- Model certificates to be presented during model processing
- Signed "Athlete's Acknowledgement and Agreement of FAI Antidoping Rules"
- 2 National flags, approx. 1 x 1.5 m
- National anthem on CD or USB-Stick in MP3 format
- All batteries used at competition
- F3N only: Manoeuvres Preliminary Round 1 (Set manoeuvres) if not sent by mail (See Attachment No. 1)

Model Processing F3C			12:20 - 12:30	ISR	1
Sunday, July 29th			12:30 - 13:10	ITA	4
Time	Team	No. of Pilots	13:10 - 13:40	NED	3
08:00 - 08:40	AUT	4	13:40 - 14:10	NOR	3
08:40 - 09:10	BEL	3	14:10 - 14:40	RUS	3
09:10 - 09:20	CYP	1	14:40 - 14:50	SLO	1
09:20 - 09:50	DEN	3	14:50 - 15:20	ESP	3
09:50 - 10:30	FIN	4	15:20 - 15:50	SWE	3
10:30 - 11:10	FRA	4	15:50 - 16:30	SUI	4
11:10 - 11:50	GER	4	16:30 - 16:50	UKR	2
11:50 - 12:20	GRE	3	16:50 - 17:20	GBR	3

Model Processing F3N			Time	Team	No. of Pilots
Tuesday, July 31st			10:30 - 11:00	IRL	3
Time	Team	No. of Pilots	11:00 - 11:40	ISR	4
08:00 - 08:30	AUT	3	11:40 - 12:00	NOR	2
08:30 - 08:40	CYP	1	12:00 - 12:30	ESP	3
08:40 - 09:10	DEN	3	12:30 - 13:00	SWE	3
09:10 - 09:50	FRA	4	13:00 - 13:10	SUI	1
09:50 - 10:30	GER	4	13:10 - 13:40	GBR	3

Certificates, FAI Licences, National flags and anthem will be returned to the Team Manager after the Closing Ceremony.

Awards

FAI medals and Cups will be awarded to the first three individual places for senior and for junior pilots. FAI medals will also be awarded to the first three teams (competitors and their Team Managers). FAI diplomas for the first three individuals and teams, all other competitors will receive diplomas of the inviting NAC.

Official Language

Official Languages are English and German.

Model Aircraft Fuel

will be provided, available upon request (Order Form attached to the Bulletin).

Transportation

Please send all models and gears to the airport address of Ballenstedt Airfield: Flugplatz Ballenstedt

Am Gegenstein

06493 Ballenstedt / Asmusstedt (GERMANY)

All shipments will be safely stored within the airfield facilities. The address remains valid during the whole European Championships!

Insurance

The participants are advised to have their own insurance for theft, goods, accident and medical. The organizers will provide third party insurance coverage for all pilots 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.

Frequencies

2.4 GHz transmitters have to fulfil European Standard EN 300328. The maximum equivalent emission power EIRP is 100 mW 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 the legal frequencies approved by the German "Federal Network Agency" (Bundesnetzagentur) in the 35 MHz-Band. See the list of frequencies on the websites; frequencies within the 27 MHz- and the 40 MHz-Band are not recommended.

Team Managers Meetings

- 1. Team Managers Meeting **F3C** on Sunday, July 29th 19.00 at competition site
 - general information
 - flight order
 - information about training fields

- 1. Team Managers Meeting **F3N** on Tuesday, July 31st 18.00 at competition site
 - general information
 - flight order
 - last chance to present manoeuvres for preliminary round 1 (Set manoeu-
 - information about training fieldsF3N manoeuvres for round 3 and final

Time Schedule

Date	F3C	F3N
Saturday July 28 th	Arrival Teams F3C	-
	Arrival Jury and Judges F3C	
Sunday July 29 th	Registration Teams F3C	-
	Model Processing	
	Judge Training	
	Official Practice	
	F3C Opening	
Monday July 30 th	Round 1 of Schedule P	Arrival Teams F3N
	Opening Ceremony	Arrival Judges F3N
		Opening Ceremony
Tuesday July 31 st	Round 2 of Schedule P	Registration Teams F3N
		Model Processing
		Judge Training
		Official Practice
Wednesday August 1 st	Round 3 of Schedule P	Preliminary Round 1 (Set
		manoeuvres)
		Preliminary Round 2 (Free-
		style)
Thursday August 2 nd	Round 4 of Schedule P	Preliminary Round 3 (Set
		manoeuvres)
		Preliminary Round 4 (Music
		Freestyle)
Friday August 3 rd	Round 1 of Schedule F	Final Round 1 (Set ma-
	Round 2 of Schedule F	noeuvres)
		Final Round 2 (Freestyle)
Saturday August 4 th	Round 3 of Schedule F	Final Round 3 (Music Free-
	Closing ceremonies	style)
	Banquet	Closing ceremonies
		Banquet
Sunday August 5 th	Departure	Departure

Official Practice F3C

Sunday, July 29th			13:30 - 14:10	ITA	4
Time	Team	No. of Pilots	14:10 - 14:40	NED	3
09:00 - 09:40	AUT	4	14:40 - 15:10	NOR	3
09:40 - 10:10	BEL	3	15:10 - 15:40	RUS	3
10:10 - 10:20	CYP	1	15:40 - 15:50	SLO	1
10:20 - 10:50	DEN	3	15:50 - 16:20	ESP	3
10:50 - 11:30	FIN	4	16:20 - 16:50	SWE	3
11:30 - 12:10	FRA	4	16:50 - 17:30	SUI	4
12:10 - 12:50	GER	4	17:30 - 17:50	UKR	2
12:50 - 13:20	GRE	3	17:50 - 18:20	GBR	3
13:20 - 13:30	ISR	1			

Official Practice F3N

Tuesday, July 31st			11:30 - 12:00	IRL	3
Time	Team	No. of Pilots	12:00 - 12:40	ISR	4
09:00 - 09:30	AUT	3	12:40 - 13:00	NOR	2
09:30 - 09:40	CYP	1	13:00 - 13:30	ESP	3
09:40 - 10:10	DEN	3	13:30 - 14:00	SWE	3
10:10 - 10:50	FRA	4	14:00 - 14:10	SUI	1
10:50 - 11:30	GER	4	14:10 - 14:40	GBR	3

Entry Fees

Competitors	€400,00	This covers participation to the European Championships, access to the flight line, entry to Opening Ceremony/Party and reception, souvenirs and gifts and includes the Banquet Fee.
Junior Competitors	€200,00	This covers participation to the European Championships, access to the flight line, entry to Opening Ceremony/Party and reception, souvenirs and gifts and includes the Banquet Fee.
Team Managers	€400,00	This covers participation to the European Championships, access to the flight line, entry to Opening Ceremony/Party and reception, souvenirs and gifts and includes the Banquet Fee.
Callers/ Mechanics	€80,00	This covers participation to European Championships, access to the flight line, entry to Opening Ceremony/Party and reception, souvenirs and gifts.
Supporters	€80,00	This covers access to the European Champion- ship, entry to Opening Ceremony/Party and re- ception, souvenirs and gifts.
Banquet Fee	€35,00	

Terms of Payment

Entry Fees to be transferred no later than June 29th, 2012

Recipient	Address of Bank	Intern. Money Transfer
Deutscher Aero Club	Deutsche Bank PGK AG	BIC: DEUTDEDB270
Attn. Michael Thoma	Branch Bank Querum	IBAN:
Hermann-Blenk-Strasse 28	Bevenroder Straße 123	DE92270700240344499904
D-38108 Braunschweig	D-31108 Braunschweig	Title: F3CN EuCh 2012, Coun-
	Germany	try

Foods and Beverages

are available on the field during the whole day on every competition day. The restaurant at the airfield will be busy all day offering many kinds of foods and cakes at reasonable prices. Additionally, every day a freshly cooked lunch will be served in the hangar. The price for this lunch is 8 € per person. All teams are asked to fill in the lunch order list attached. Payment during team registration.

Banquet

will take place August 4th, 19:00 hours. Free for registered Competitors and Team Managers, drinks not included. Additional tickets € 35 per person, drinks not included. Tables and additional tickets to be ordered during registration. The

banquet will be hosted at Kurhotel in Bad Suderode, within 12 km distance from Ballenstedt airfield.

Tents, Electricity

For pilots waiting there for their flight will be shelter close to the flight lines. One tent will be prepared to offer sufficient connections of 230 mains voltage supply for charging batteries. For safety reasons, no private extension cables are permitted on the airfield.

Location

Scenic attractive is Ballenstedt located on the northern edge of the Harz. The town, founded in the year 1030 and a state-approved resort, preserves the heritage of a remarkable historical past with theatre, museum, castle and historical parts of the town – see http://www.ballenstedt-information.de/



How to reach Ballenstedt

By car: From the north Autobahn A7 or A14 – direction Quedlinburg fol-

lowed by B6n

From the South Autobahn A9 or A14 - direction Quedlinburg and

Ballenstedt followed by B6 or B6n

By plane: Leipzig 112 km, Hannover 124 km, Berlin 210 km

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	Dial Germany	Price per room	Distance to EuCh airfield in Ballenstedt
(location)	+49	Breakfast incl.	e-mail website
Schlosshotel Ballenstedt	Tel (0)39483-510	Single 79 €	3 km
(Ballenstedt)	101 (0)00 100 010	Double 99 €	ballenstedt@vandervalk.de
(Danierio at)		2000.000	http://ballenstedt.vandervalk.de
Pension am Gegenstein	Tel (0) 39 483-204	Single 25 €	2 km
(Ballenstedt)	(1)	Double 50 €	henrykeilwitz@web.de
			www.pension-im-harz.de
Hotel auf der Hohe	Tel (0) 39 483-979 000	Single 45 €	4 km
(Ballenstedt)	,	Double 75 €	<u>Auf-der-Hohe@t-online.de</u>
			www.hotel-hohe.harz-urlaub.de
Acron-Hotel	Tel (0)3946-7702-0	Single 51 €	12 km
(Quedlinburg)		Double 72 €	info@acron-quedlinburg.de
			www.acron-quedlinburg.de
Hotel Quedlinburger Hof	Tel (0)3946-77870	Single 49 €	12km
(Quedlinburg)	(5)	Double 78 €	info@quedlinburgerhof.de
			www.quedlinburgerhof.de
Hotel Zum Bär	Tel (0)3946-7770	Single 58 €	12 km
(Quedlinburg)	10. (0,00 10 1110	Double 90 €	Info@hotelzumbaer.de
(www.hotelzumbaer.de
Romantik Hotel Am Brühl	Tel (0)3946-96180	Single 88 €	12 km
(Quedlinburg)	(5)	Double 113 €	hotelambruehl@t-online.de
, , , , ,			www.hotelambruehl.de
Hotel zur goldenen Sonne	Tel (0)3946-96250	Single 49 €	12 km
(Quedlinburg)		Double 79 €	info@hotelzurgoldenensonne.de
			www.hotelzurgoldenensonne.de
Hotel Domschatz	Tel (0)3946-705270	Single 35 €	12 km
(Quedlinburg)	(0,000000000000000000000000000000000000	Double 58 €	anfrage@quedlinburg-hoteldomschatz.de
			www.quedlinburg-hoteldomschatz.de
Precise Quedlinburger	Tel (0)3946-52600	Single 69 €	12 km
Stadtschloss		Double 94 €	quedlinburgerstadtschloss@precisehotels.com
(Quedlinburg)			www.precisehotels.com
Hotel garni Am Dippeplatz	Tel (0)3946-77140	Single 49 €	12 km
(Quedlinburg)		Double 69 €	hotel@amdippeplatz.de
, , , , ,			www.hotel-amdippeplatz.de
Hotel Schlossmühle	Tel (0)3946-7870	Single 84 €	12 km
(Quedlinburg)	, , , , , , , , , , , , , , , , , , , ,	Double 110 €	QLBSM@t-online.de
, , , , , ,			www.schlossmuehle.de
Hotel am Hoken	Tel (0)3946-52540	Single 49 €	12 km
(Quedlinburg)		Double 69 €	anfrage@hotel-am-hoken.de
Hotel zum Brauhaus	Tel (0)3946-901481	Single 55 €	www.hotel-am-hoken.de 12 km
(Quedlinburg)	101 (0)0040-901401	Double 80 €	info@hotel-brauhaus-luedde.de
, , , , , , , , , , , , , , , , , , ,			www.hotel-brauhaus-luedde.de

Camping and Camping Fee

The airfield is well equipped to host Caravans, Motorhomes as well as camping in tents. There are showers, toilets and 230 mains voltage available. Camping fee 10 € per person per day.

Website

The website publishing both European Championships is http://www.fai-heli.eu It is linked with www.modellflug-im-daec.de, official website of the DAeC.

Attachments:

- 1. Questionnaire F3N manoeuvres first round
- 2. Food Order Form
- 3. Fuel Order Form
- 4. Athlete's Acknowledgement and Agreement
- 5. Final Entry Form
- 6. List of Participants

Attachment 1

F3N manoeuvres first round

Every pilot is asked to send his manoeuvres for the first round F3N (set manoeuvres) until July, 20th to <u>direktor@fai-heli.eu</u>. The number of the manoeuvre is obligatory!

Name:	Nation:
No. of manoeuvre	Name of manoeuvre





Deutscher Aero Club e.V.

Member of the Fédération Aéronautique Internationale

FAI European Championships for Model Helicopters F3C + F3N 2012

July 28th to August 5th, 2012 Ballenstedt, Germany

Food Order Form

Reception Barbecue	each	Order	Sum	
Monday July 30 th 19.00 hs	10,00 €			
Lunch Tickets				
Sunday July 29th	8,00 €			
Monday July 30th	8,00 €			
Tuesday July 31st	8,00 €			
Wednesday August 1st	8,00 €			
Thursday August 2nd	8,00 €			
Friday August 3rd	8,00 €			
Saturday August 4th	8,00 €			
Sum	66.00 €			

National Team of_____

Deutscher Aero Club e.V. c/o Michael THOMA Hermann-Blenk-Str. 28 D-38108 Braunschweig m.thoma@daec.de, Fax 0049-531-23540-11.

Date:		
Signature:	Seal & Stamp of NAC/Federation	



Fuel Order Form

You will be supplied with three litres of contest fuel for unofficial practice at charge at the indicated price of 12 EUR / 3 litres jerry can

COUNTRY		12 € p	er 3 I jerry can
Competitor Name			
Number of jerry cans			
Competitor Name			
Number of jerry cans			
Competitor Name			
Number of jerry cans			
Total Euro			
NAC Signature		Date	
		NAC S	Stamp
Ret	turn by mail before June 15 th , 2012		
	Deutscher Aero Club e.V.		
	Hermann-Blenk-Str. 28		
	D-38108 Braunschweig		
Email: m.t	thoma@daec.de , Fax 0049-531-23540-11		



FAI Anti-Doping Rules & Procedures APPENDIX 2 – Athlete's Acknowledgment and Agreement

FAI European Championship for Model Helicopters 2012

	rsport control] and a participant in the above uthorized or recognized event, hereby ackno				ntrol or	FAI			
1.	I have received and had an opportunity Procedures.	to review	the FAI	Anti-Doping	Rules	and			
2.	I consent and agree to comply with and be Doping Rules and Procedures, including be Doping Rules and Procedures and all Inter Doping Rules and Procedures.	ut not limite	d to, all a	amendments	to the A	Anti-			
3.	I acknowledge and agree that National Airsport Controls and FAI have jurisdiction to impose sanctions as provided in the FAI Anti-Doping Rules and Procedures.								
4.	I also acknowledge and agree that any dispute arising out of a decision made pursuant to the FAI Anti-Doping Rules and Procedures, after exhaustion of the process expressly provided for in the FAI Anti-Doping Rules and Procedures, may be appealed exclusively as provided in Article 13 of the FAI Anti-Doping Rules and Procedures to an appellate body for final and binding arbitration, which in the case of International-Level Athletes is the Court of Arbitration for Sport.								
5.		nowledge and agree that the decisions of the arbitral appellate body referenced shall be final and enforceable, and that I will not bring any claim, arbitration,							
6.	I have read and understand this Acknowled	lgement and	Agreem	ent.					
 Da	ate	Print Name		First Name)					
 Da	ate of Birth (Day/Month/Year			signature of lega					

Final Entry Form F3C/F3N ECH 2012

Please send by June 15th one per person to Michael Thoma, DAeC, Hermann-Blenk-Str. 28, 38108 Braunschweig (Germany), e-mail m.thoma@daec.de
phone +49-531-23540-56 fax +49-531-23540-11

Name Surname			Team Manager (€ 400,00) including banquet						
Country			Pilot Senior (€ 400,00) including banquet						
Place of residence			Pilot Junior (€ 200,00) including banquet						
	Supporter (€ 80,00) Banquet (€ 35,00)		Helper/Mechanic (€ 80,00) Banquet (€ 35,00)						
Date of birth		FAI No.							
E-Mail address									
Radio Frequency	2,4 GHz only	Shirt-Size							
Please write a short CV to be published in the contest leaflet									
Holicoptor Charac	toristics								
Helicopter Charac Heli name		Type engine	□ Elec. □ Glow/ccm:						
Manufacturer		Manufacturer							
Rotor span	(Cells Manuf.							
Weight	-	Transmitter							
Please enclose a digital passport color photo (jpg 200 dpi)									
Stamp of NAC	Stamp of NAC Signature:Date:								

FAI European Championships for RC Helicopter F3C & RC Helicopter Freestyle F3N

July 28th to August 05th, 2012 at airport Ballenstedt, Germany

Championship Participants Final Entry

N° Country	Country Code	Team Manager F3C	competitor F3C	Junior competitor F3C	Team Manager F3N	competitor F3N	Junior competitor F3N	mechanics caller	Supporter	Press	sum-total	Team Manager
-												-
1 Austria F3C	AUT	1	3	1				4	2		11	Johann EGGER
1 Austria F3N	AUT				1	2	1	1			5	Harald ZUPANC
2 Belgium	BEL	1*	3								3	Guy VANDERSCHELDEN
3 Cyprus	CYP	1	1								2	Alexis KESTAS
4 Denmark	DEN	1*	2			1	1				4	Søren JØRGENSEN
5 Finland	FIN	1*	3	1							4	Jukka HEIKKILÄ
6 France	FRA	1	3	1		2	2	4			13	Frédéric THEUREL
7 Germany	GER	1	3	1				3			8	Ronald KIESEWETTER
7 Germany	GER				1	3	1	4			9	Uwe CASPART
8 Greece	GRE	1*	3					1			4	Dimitrios TETRADAKOS
9 Ireland	IRL				1	2					3	P.J. BROWNE
10 Israel	ISR	no final enty	form received	l							0	Guy ROGLIT
11 Italia	ITA	1	3	1				4			9	Claudio DORIGONI
12 The Netherlands	NED	1*	3					6			9	Rob EIKEBOOM
13 Norway	NOR	1	3				1				5	Jan Thore LYGREN
14 Russia	RUS	1*	3					1			4	Sergey FILIPPENKOV
15 Slovenia	SLO	1*	1					1			2	Janez MESEC
16 Spain	ESP	no final enty	form received	l							0	
17 Sweden	SWE	1	3			2	1	2			9	Petter STRANDH
18 Switzerland	SUI	1	4			1		4	4	1	15	Peter OBERLI
	Reigning European Champion Ennio GRABER (SUI)											
19 Ukraine	UKR	1*	1					1			2	Aleksandr ROMANOV
20 Great Britain F3C	GBR	1	3					1	3		8	Jason MARKEY
20 Great Britain F3N	GBR				1	3		1			5	Richard A. MOTT
* TM and TM Assistant are one of the competitors												
	total:	9	45	5	4	16	7	38	9	1	134	

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