



2019
FAI F3CN
WORLD CHAMPIONSHIPS
BALLENSTEDT / GERMANY

WELCOME TO THE FAI F3CN WORLD CHAMPIONSHIPS



EVENT-CATALOGUE

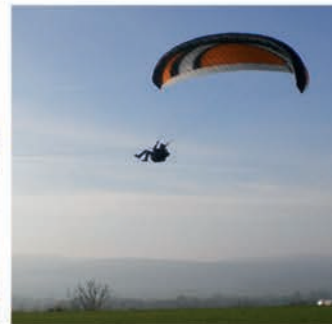
03. – 10. AUGUST 2019

www.wcf3cn2019.de





DEUTSCHER
AERO CLUB



DIE GANZE WELT DES FLIEGENS

Deutscher Aero Club e.V.
Hermann-Blenk-Straße 28
38108 Braunschweig

Telefon: 05 31 - 2 35 40 - 0
E-Mail: info@daec.de
Web: www.daec.de



HERAUSGEBER UND VERANTWORTLICH FÜR DEN INHALT:

Deutscher Aero Club e.V., Hermann-Blenk-Str. 28, 38108 Braunschweig,
E-Mail: info@daec.de, www.daec.de

HERSTELLUNG:

MSV Medien Baden-Baden GmbH, Redaktion ROTOR, Schulstraße 12, 76532 Baden-Baden,
E-Mail: info@msv-medien.de, www.msv-medien.de

DRUCK:

S. Blaiçh GmbH, Herrenalber Straße 85, 75334 Straubenhadt,
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SALUTATION

HERZLICH WILLKOMMEN

WELCOME TO THE 18TH FAI F3C/N WORLD CHAMPIONSHIP,



welcome to Ballenstedt, the cradle of Anhalt. Ballenstedt lies on the northern edge of the Harz mountains and is a state-approved resort. In the shadow of the Brocken, the town can look back on a remarkable historical past. Names like Uta von Naumburg (actually Uta von Ballenstedt), Albrecht the Bear and Wilhelm von Kugelgen promise an exciting stay.

Stroll through the castle park designed by Peter Joseph Lenné in 1858, marvel at the spitting lindworm and the water axis. Of course you can also take part in sporting activities in Ballenstedt: Play tennis or golf, hike through the magnificent forests

and the dreamlike Selketal valley, try your hand at trap or skeet, ride motocross or take off from the nearby airfield.

A visit to Ballenstedt is always worthwhile. We look forward to welcoming you to the FAI F3C/N World Championships for model helicopters in Ballenstedt.

Your Dr. Michael Knoppik
Mayor of the City of Ballenstedt

DEAR PILOTS, DEAR TEAMS, DEAR LADIES AND GENTLEMEN,



on behalf of the Fédération Aéronautique Internationale (FAI), it is my pleasure to welcome you to the F3C and F3N Radio Control Model Helicopter World Championships. This competition, organized by Aeroclub of Germany (DAeC), is a major sporting aviation event on the FAI calendar of competitions, bringing together the world's best model helicopter pilots. As is typical for FAI events, the spirit of brotherhood and sportsmanship predominates. The organization of competitions with worldwide participation is very important for the work in the subcommittee. Only here you have the opportunity to talk with pilots and officials of different nations and to collect ideas and suggestions, which will be discussed later in the subcommittee.

Numerous changes have already been incorporated into the regulations of the individual competition classes via this route. I would like to thank the

members of the German Aeroclub and the people in the entire organization team, who have worked long and hard to organize this championship, for their great efforts. I wish the organizers of this World Championships the greatest success. All participants I wish good luck, that the personally set goals will be achieved and that this World Championship will remain in good memory. My best wishes also accompany the judges. Since I myself was and still is a judge in numerous international competitions, I know very well what a great challenge this is.

Have a good competition!

Sincerely
Stefan Wolf
F3CN Subcommittee Chairman

DEAR MODEL FLYERS, DEAR FRIENDS OF THE SPORT OF MODEL AIRCRAFT FLYING,



the stage for the best pilots in model chopper aerobatics will be set from August 3rd until August 10th on the airfield Ballenstedt/Quedlinburg. During the World Championships these 75 athletes from 15 nations will compete for the top spot of the categories F3C and F3N.

It's not the insiders alone that take great pleasure from the very exciting championships but also »newbies« as well as the media.

The venue offers everything desirable for such an event, p.e. the infrastructure, the experience of the airfield-operator and the organization team

and last but not least the hospitality of the people who live there. May all of the participants, the competition management, the clubs and the spectators experience fair, exciting and successful World Championships.

Stefan Klett,
President of Deutscher Aero Club e.V.

DEAR PARTICIPANTS OF THE WORLD CHAMPIONSHIP F3CN 2019 IN BALLENSTEDT,



once again, the world's best pilots from many nations meet for comparison flying at the World Championships F3CN.

We, the Modellflugsportverband as aeromodelling federation in the German Aero Club and myself as Contest Director, have already visited and planned several international competitions. But never in this dimension.

I am all the more pleased to welcome so many enthusiastic athletes. We will do a good, high-quality competition and I wish every participant and also the helpers and relatives a wonderful stay in

Ballenstedt. In addition, each pilot good luck on his flights.

I wish a lively exchange with each other and will ensure a smooth flow. In this sense: Enjoy the competition and your visit to Germany

Ralf Bäumener
President MFSD
Contest Director WM F3CN 2019

DEAR PARTICIPANTS OF THE WORLD CHAMPIONSHIP F3CN 2019 IN BALLENSTEDT,



every athlete dreams of being the best in the world in his discipline. In order to achieve this, you have to be able to compete with the best in the world. To qualify for a world championship is a really impressive achievement. That requires talent. It doesn't work without talent. It is the basis of success. But by no means everything. It takes a lot more than that.

Dirk Nowitzki, who recently ended his incomparable basketball career, once said: »Talent makes up no more than 20 percent. The rest is diligence, ambition, determination and hard training.« That's exactly how it is. It's these qualities that you have to have as a top athlete. You have to have the will and the goal to be one of the best. Learning from

defeats and understanding them as an incentive are also qualities that successful athletes bring with them. Because as they often say: Good athletes don't long for victories – they hate defeats! And so I have great respect for all participants of this world championship and wish everyone on behalf of the whole Deutscher Modellflieger Verband much success, even if I keep my fingers crossed for our team a little bit more. I also wish the organizers good luck, the judges a good hand and the spectators exciting competitions.

Sincerely
Hans Schwägerl
President DMFV



ORGANISATION

2019 FAI F3CN WORLD CHAMPIONSHIPS



Ralf Bäumener

AGE: 52 years

HOW MANY YEARS INVOLVED IN AEROMODELLING: 1979 – model glider flight, powered flight, helicopter, PPLA (private pilot's certificate) since 2010.

REFERENCE:

- Speaker F3CN since 2014, Sports Committee Chairman Helicopters in the DAeC since 2016,
- Board of Federal Commission Modellflug DAeC since 2017,
- CEO EMFU (European Model Flying Union) since 2017,
- President MFSD since 2019,
- Participant F3C from 2000 to 2009



Sebastian Brandes

AGE: 32 years

HOW MANY YEARS INVOLVED IN AEROMODELLING: 25 years

REFERENCE:

I am employed full-time at the German Aero Club and lead the business of the Federal Commission Aeromodelling. In addition, I have recently been Vice-President of the Modellflugsportverband Deutschland e.V.. I'm on the road as a model pilot in the gliding area. In the class F3K I have participated more or less successfully in World Cups of the FAI in recent years. My free time I devote much to the aerotowing at the airfield in Uetze in Lower Saxony, Germany.

PUBLIC RELATIONS

2019 FAI F3CN WORLD CHAMPIONSHIPS



Uwe Naujoks

AGE: 55 years

HOW MANY YEARS INVOLVED IN AEROMODELLING: 8 years

PROFESSION: vehicle appraiser

REFERENCE:

- Media partnership with ROTOR magazine and with Blog www.RC24.de
- Sport referent helicopter aerobatics in the German model flying association (DMFV)

We thank our helpers

Andre Kellermann, Jens Freidank, Franziska Freymann, Rainer Rodenbäck, Petra Hillebrand, Erwin Metz, Michael Fröhling, Jürgen Eichel, Karin Spillecke, Armin Lutz, Michael Thoma, Sebastian Brandes, Martina Naujoks, Leslie Richter, Markus Wittnebel, Dennis Bork, Mario Wolter, Alessa Forudi, Thomas Kamm, Achim Krüger



JURY

2019 FAI F3CN WORLD CHAMPIONSHIPS



Stefan Wolf
Jury President

COUNTRY: Germany
AGE: 46 years
PROFESSION:
Surveying engineer
**HOW MANY YEARS INVOLVED IN
AEROMODELLING:** 31 years

SIGNIFICANT RESULTS IN F3CN:

- Since 2012 member of the F3CN Subcommittee
- Since 2017 chairman of the F3CN Subcommittee
- Judge at World Championships 2005, 2007, 2009, 2013, 2015 and 2017
- Judge at European Championships 2004, 2006, 2008, 2012 and 2016
- Judge at Asia Oceanic Continental Championships 2008
- Team manager of the german F3C-Team 2010



Horace Hagen
Jury Member

COUNTRY: USA
AGE: 80 years
PROFESSION:
Retired Electronics Engineer
**HOW MANY YEARS INVOLVED IN
AEROMODELLING:** 71 years

SIGNIFICANT RESULTS IN F3CN:

- Member FAI F3CN S/C 1980 thru 1990
- Chairman FAI F3CN S/C 1990 thru 2011



Lucio Della Toffola
Jury Member

COUNTRY: Italy
AGE: 62 years
PROFESSION:
Dentist
**HOW MANY YEARS INVOLVED IN
AEROMODELLING:** 44 years

SIGNIFICANT RESULTS IN F3CN:

International judge F3C since 1985, judge in 7 EC, 9 WC, 1 CAOC and 3 times TM. Subcommittee member since 1989.



JUDGES F3C

2019 FAI F3CN WORLD CHAMPIONSHIPS



Eladi Lozano

COUNTRY: Spain
AGE: 59 years
PROFESSION:
Post sale director car dealership



Lo Furno Giovanni

COUNTRY: Belgium
AGE: 64 years
PROFESSION: pensioner
**HOW MANY YEARS INVOLVED
IN AERO MODELLING:** 28 years

SIGNIFICANT RESULTS IN F3CN:

- Spanish National F3C Judge since 2000
- Spanish F3C instructor judge since 2006
- International Judge F3C in Poland 2016 2017
- Member of the ciam-fai helicopter subcommittee



Miguel Ramos

COUNTRY: Philippines
AGE: 52 years
PROFESSION:
Businessman
**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 30+ years

SIGNIFICANT RESULTS IN F3CN:

- Jury Member - 2008 FAI F3C Asia Oceanic Championship for Model Helicopters, Philippines
- Judge – 2010 FAI F3C Asia Oceanic Championship for Model Helicopters, Chinese Taipei
- Judge – 2013 FAI F3C World Championship for Model Helicopters, Poland
- Judge – 2015 FAI F3C World Championship for Model Helicopters, Austria
- Judge – 2017 FAI F3C World Championship for Model Helicopters, Poland



Roger Lacôme

COUNTRY: France
AGE: 70 years
PROFESSION:
Retired
**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 47 years

SIGNIFICANT RESULTS IN F3CN:

- 3rd place at the French F3C Championship in 1985



Ruediger Spohr

COUNTRY: Germany
AGE: 60 years
PROFESSION: Retired Officer
German Armed Forces
**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 50+ years;
model helicopter since 80's



JUDGES F3N

2019 FAI F3CN WORLD CHAMPIONSHIPS



Manfred Geyer

COUNTRY: Austria
AGE: 59 years
HOW MANY YEARS INVOLVED IN AEROMODELLING: 30 years

SIGNIFICANT RESULTS IN F3CN:

Judge EM F3C Ballenstedt, WM F3N Wloclawek, WM F3N Klopeinersee, numerous international competitions in Austria, Slovenia and Switzerland



Tobias Kern

COUNTRY: Germany
AGE: 31 years
PROFESSION: Works council
HOW MANY YEARS INVOLVED IN AEROMODELLING: 20 years



Liam Broderick

COUNTRY: Ireland
AGE: 61 years
PROFESSION: Electrical engineer
HOW MANY YEARS INVOLVED IN AEROMODELLING: 40 years

SIGNIFICANT RESULTS IN F3CN:

Judges at the last European and World Championships F3N



Oscar Chinello

COUNTRY: Italy
AGE: 58 years
PROFESSION: Business owner
HOW MANY YEARS INVOLVED IN AEROMODELLING: 31 years

SIGNIFICANT RESULTS IN F3CN:

F3N Italy Coordinator for National Airclub, F3N Judge WC 2013 Poland, F3N Judge WC 2015 Austria, 2016 Judge EC Poland, F3N Judge 2017 Poland



Jason Platts

COUNTRY: United Kingdom
PROFESSION: Specialist operations and R&D
HOW MANY YEARS INVOLVED IN AEROMODELLING: 25 years



JUDGES RESERVE

2019 FAI F3CN WORLD CHAMPIONSHIPS



Jan Thore Lygren

COUNTRY: Norway

AGE: 53 years

PROFESSION: Technical manager Crane and Lifting

HOW MANY YEARS INVOLVED IN AEROMODELLING: 45 years

SIGNIFICANT RESULTS IN F3CN:

- 5th place National F3C competition



Stefan Wolf

COUNTRY: Germany

AGE: 46 years

PROFESSION: Surveying engineer

HOW MANY YEARS INVOLVED IN AEROMODELLING: 31 years

SIGNIFICANT RESULTS IN F3CN:

- Since 2012 member of the F3CN Subcommittee
- Since 2017 chairman of the F3CN Subcommittee
- Judge at World Championships 2005, 2007, 2009, 2013, 2015 and 2017
- Judge at European Championships 2004, 2006, 2008, 2012 and 2016
- Judge at Asia Oceanic Continental Championships 2008
- Team Manger of the German F3C-Team 2010

Modellflug im DMFV – sinnvolle Freizeit in einer starken Gemeinschaft

MEHR LEISTUNG, GLEICHER PREIS: DIE NEUEN DMFV-TARIFE 2019

BASIS	KOMFORT	PREMIUM	PREMIUM GOLD
42,00 € / Jahr	56,36 € / Jahr	59,44 € / Jahr	66,62 € / Jahr
Jugendbeitrag 12,00 € / Jahr	Jugendbeitrag 26,36 € / Jahr	Jugendbeitrag 29,44 € / Jahr	Jugendbeitrag 36,62 € / Jahr
2 Millionen € Deckungssumme europaweit bis max. 25 kg auf Modellfluggeländen, Deutschlandweit bis 1 kg auch außerhalb von Modellfluggeländen	3 Millionen € Deckungssumme weltweit bis max. 150 kg (inkl. USA und Kanada bei Aufenthalten bis 6 Wochen)	4 Millionen € Deckungssumme weltweit bis max. 150 kg (inkl. USA und Kanada bei Aufenthalten bis 6 Wochen)	6 Millionen € Deckungssumme weltweit bis max. 150 kg (inkl. USA und Kanada bei Aufenthalten bis 6 Wochen)
ohne Selbstbehalt	ohne Selbstbehalt	ohne Selbstbehalt	ohne Selbstbehalt
unbegrenzte Flugmodellanzahl	unbegrenzte Flugmodellanzahl	unbegrenzte Flugmodellanzahl	unbegrenzte Flugmodellanzahl
Modellflug-Unfallversicherung	Modellflug-Unfallversicherung	Modellflug-Unfallversicherung	Modellflug-Unfallversicherung
Modellflug- Rechtsschutzversicherung	Modellflug- Rechtsschutzversicherung	Modellflug- Rechtsschutzversicherung	Modellflug- Rechtsschutzversicherung
Magazin Modellflieger 6 × jährlich	Magazin Modellflieger 6 × jährlich	Magazin Modellflieger 6 × jährlich	Magazin Modellflieger 6 × jährlich
		MITGLIEDSKARTE IN SILBER	MITGLIEDSKARTE IN GOLD
		5% Rabatt im DMFV-Shop*	10% Rabatt im DMFV-Shop*

Jugendliche, die im laufenden Jahr 18 Jahre alt werden, zahlen für das komplette Jahr nur den Jugendbeitrag. Der Beitrag wird nicht mehr gesplittet.

Werde Mitglied in Europas größtem Modellflugverband
www.dmfv.aero



SCHEDULE

2019 FAI F3CN WORLD CHAMPIONSHIPS

F3C		F3N	
FRIDAY, 2 AUGUST 2019			
Arrivals of FAI Jury and Judges			
08:00 – 19:00	Free practice at F3C practice fields	08:00 – 19:00	Free practice at F3N practice fields
16:00 – 18:00	Registration / Model Processing	16:00 – 18:00	Registration / Model Processing
SATURDAY, 3 AUGUST 2019			
08:00 – 15:00	Registration / Model Processing	08:00 – 15:00	Registration / Model Processing
08:00 – 16:40	Official practice – F3C contest field	09:30 – 13:40	Official practice – F3N contest field
10:00 – 11:00	F3C judges meeting – Meeting room	09:00 – 10:00	F3N judges meeting – Meeting room
17:00 – 18:00 Opening ceremony – Airfield			
19:00 – 20:00 Teammanager Meeting for TMs, Jury, Judges – Meeting room			
SUNDAY, 4 AUGUST 2019			
07:40 – 08:00	F3C Calibration flight	08:40 – 09:00	F3N Calibration flight
08:00 – 12:30	F3C Round 1 (Schedule P) – F3C Contest field	09:00 – 13:00	F3N Round 1 (Set Manoeuvres) – F3N Contest field
13:30 – 18:30	F3C Round 1 (Schedule P) – F3C Contest field		
MONDAY, 5 AUGUST 2019			
08:00 – 12:30	F3C Round 2 (Schedule P) – F3C Contest field	09:00 – 13:00	F3N Round 2 (Freestyle) – F3N Contest field
13:30 – 18:30	F3C Round 2 (Schedule P) – F3C Contest field		
TUESDAY, 6 AUGUST 2019			
08:00 – 12:30	F3C Round 3 (Schedule P) – F3C Contest field	09:00 – 13:00	F3N Round 3 (Set Manoeuvres) – F3N Contest field
13:30 – 18:30	F3C Round 3 (Schedule P) – F3C Contest field		
18:30 – 19:30 F3CN Subcommittee Meeting – Meeting room			

F3C		F3N	
WEDNESDAY, 7 AUGUST 2019			
08:00 – 12:30 F3C Round 4 (Schedule P) – F3C Contest field 13:30 – 18:30 F3C Round 4 (Schedule P) – F3C Contest field	09:00 – 13:00 F3N Round 4 (Music Freestyle) – F3N Contest field		
19:00 – 20:00 Teammanager Meeting for TMs, Jury, Judges – Meeting room			
20:00 – 22:00 BBQ with Night-Flight/live music – Airfield			
THURSDAY, 8 AUGUST 2019			
Reserve Day			
09:00 – 11:30 F3C Official practice Finals – Main field	12:00 – 14:00 F3N Official practice Finals – Main field		
FRIDAY, 9 AUGUST 2019			
08:40 – 09:00 F3C Calibration flight 09:00 – 11:30 F3C Round 1 (Schedule F) – Main field 14:00 – 16:30 F3C Round 2 (Schedule F) – Main field	12:00 – 13:30 F3N Round 1 Finals (Set Manoeuvres) – Main field 17:00 – 18:00 F3N Round 2 Finals (Freestyle) – Main field		
SATURDAY, 10 AUGUST 2019			
09:00 – 11:30 F3C Round 3 (Schedule F) – Main field	12:00 – 13:30 F3N Round 3 Finals (Music Freestyle) – Main field		
16:00 – 17:00 Awarding and Closing Ceremony – Airfield			
19:00 – 23:00 Banquet at »Kulturhaus Badeborn«			
SUNDAY, 11 AUGUST 2019			
Depature			



SITE OVERVIEW

2019 FAI F3CN WORLD CHAMPIONSHIPS

FLIGHTLINE 2

VISITORS / ZUSCHAUER

FLIGHT
OPTIC

VISITORS / ZU

VERKEHRSLANDEPLATZ BALLENSTEDT/QUEDLINGBURG





TEAM AUSTRIA F3CN

Teammanager F3C: **ROBERT HOLZMANN**

Teammanager F3N: **WOLFGANG SCHMUCK**



THOMAS RETTENBACHER | F3C-Senior

COUNTRY: Austria

AGE: 20 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 12 years

HELICOPTER: Quest Impaction 787

BODY: Staysee 3

SIGNIFICANT RESULTS IN F3CN:

- World Champion of Juniors 2015
- European Champion of Juniors 2016
- Vice-World Champion of Juniors 2017

FRANZ STEFAN BURNDORFER | F3C-Senior

COUNTRY: Austria

AGE: 53 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 35 years

HELICOPTER: Prodrone PDH-02C

BODY: Prodrone



ROBERT HOLZMANN | F3C-Senior

COUNTRY: Austria

AGE: 45 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 5 years

HELICOPTER: Quest Impaction E12

BODY: Staysee 800



DOMINIK OBERHAUSER | F3N-Senior

COUNTRY: Austria

AGE: 23 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 7 years

HELICOPTER: SAB Goblin Sport Drake

SIGNIFICANT RESULTS IN F3CN:

- 1st place Austrian Championship F3N 2017
- 1st place MFC-Condor F3N 2018
- 1st place MHC Austria F3N 2018
- 1st place Österreichpokal 2018 F3N

MATTHIAS NEUBAUER | F3N-Senior

COUNTRY: Austria

AGE: 21 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 8 years

SIGNIFICANT RESULTS IN F3CN:

- World Championship F3N 2017
- 2nd place Austrian Ö-Pokal



WOLFGANG SCHMUCK | F3N-Senior

COUNTRY: Austria

AGE: 28 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 12 years

HELICOPTER: Align T-Rex 700L

SIGNIFICANT RESULTS IN F3CN:

- European Championship F3N 2012
- World Championship F3N 2013
- European Championship F3N 2016
- World Championship F3N 2017

ELIAS HUEMER | F3N-Junior

COUNTRY: Austria

AGE: 16 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 3,5 years

HELICOPTER: SAB Black Thunder Sport

SIGNIFICANT RESULTS IN F3CN:

- 3rd place F3N competition Markgrafneusiedl
- 4th place Austria Ö-Pokal 2018





TEAM BELGIUM F3CN

Teammanager F3C: **GUY VANDERSCHULDEN**



GUY VANDERSCHULDEN | F3C-Senior

COUNTRY: Belgium

AGE: 58 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 43 years

HELICOPTER: Sylphide

BODY: Super Grazy

CHRISTOPHE DEPRUYCK | F3C-Senior

COUNTRY: Belgium

AGE: 45 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 33 years

HELICOPTER: Quest Impaction 787

BODY: Funtech Staysee



JOS KENENS | F3C-Senior

COUNTRY: Belgium

AGE: 58 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 4 years

HELICOPTER: Homemade Model Pegase 7

BODY: Homemade

SIGNIFICANT RESULTS IN F3CN:

· 3rd Belgium competition



Willkommen, Welcome,
Welkom in Ballenstedt!

Erleben Sie die Sehenswürdigkeiten in und um Ballenstedt,
experience the sights in and round about Ballenstedt

Das Schloss - Ein Märchenschloss im Harz,
a fairytale castle in the Harz

Der Bismarckturm - schöne Aussichten im Ortsteil Opperde,
beautiful views in the district Opperde

Die Roseburg - romantisches Flair auf einer weiträumigen Parkanlage,
romance flair on spacious park

Der Teufelsmauer-Stieg - die teuflisch gute Aussichtt an den
Ballenstedter Gegensteinen,
the decvilishly good view at the Ballenstedter Gegensteine



INFO

TOURIST-INFORMATION

Montag	09.00 - 17.00 Uhr
Dienstag	09.00 - 17.00 Uhr
Mittwoch	09.00 - 12.00 Uhr
Donnerstag	09.00 - 17.00 Uhr
Freitag	09.00 - 17.00 Uhr
Samstag	09.00 - 12.00 Uhr

TOURIST-INFORMATION BALLENSTEDT

Anhaltiner Platz 11, 06493 Ballenstedt

Tel: 039483 263

Mail: kontakt@ballenstedt-information.de

Web: www.ballenstedt.de



Ballenstedt Harz
Die Wiege Anhalts

Hier zeigen sich Kultur, Natur
und Geschichte in ihrer schönsten Vielfalt.



TEAM CHINA F3CN

Teammanager F3CN: **DAN LI**



CHEN DAI | F3C-Senior

COUNTRY: China

AGE: 37 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 20 years

HELICOPTER: RVE Merak E750

BODY: RVE F3C Body

SIGNIFICANT RESULTS IN F3CN:

- 2018, 2nd place China National Aerospace Model Champions

JUNJIE LI | F3C-Senior

COUNTRY: China

AGE: 37 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 22 years

HELICOPTER: RVE Merak E750

BODY: RVE F3C Body

SIGNIFICANT RESULTS IN F3CN:

- 2016/2018, 1st place China National Aerospace Model Champions



JIAKUAN LI | F3C-Junior

COUNTRY: China

AGE: 13 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 2 years

HELICOPTER: RVE Merak E750

BODY: RVE F3C Body

SIGNIFICANT RESULTS IN F3CN:

- 2018, 6th place China National Youth Aerospace Model Champions



HAO LU | F3N-Senior

COUNTRY: China

AGE: 35 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 15 years

HELICOPTER: Synergy 696

BODY: Synergy 696

YUNJIA ZOU | F3N-Senior

COUNTRY: China

AGE: 23 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 6 years

HELICOPTER: Synergy 696

BODY: Synergy 696

SIGNIFICANT RESULTS IN F3CN:

- 2018 4th place China National Aerospace Model Champions F3N



DEJIE YUAN | F3N-Senior

COUNTRY: China

AGE: 32 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 9 years

HELICOPTER: Synergy 696

BODY: Synergy 696

SIGNIFICANT RESULTS IN F3CN:

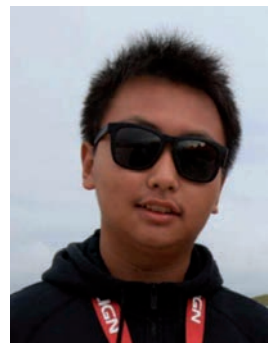
- 2017, 1st place 3DX Champion Expert Class



ZHIBO GUO | F3N-Junior

COUNTRY: China

AGE: 16 years





TEAM DENMARK F3CN

Teammanager F3CN: **CASPER NIELSEN**



SØREN ØSTERGAARD | F3C-Senior

COUNTRY: Denmark

AGE: 53 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 38 years

HELICOPTER: Align T-Rex 800

BODY: Black Shark 800

THOMAS WIESE | F3C-Senior

COUNTRY: Denmark

AGE: 46 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 4 years

HELICOPTER: Hirobo Eagle 3

SIGNIFICANT RESULTS IN F3CN:

· 2017, World Championship



STEPHAN WIESE | F3C-Senior

COUNTRY: Denmark

AGE: 47 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 34 years

HELICOPTER: X-Cell Whiplash 730E

SIGNIFICANT RESULTS IN F3CN:

· 2017, World Championship

· 2018, 7th Euro Heli Series Denmark

· 2016, 2017, 2018, 3rd Danish Nationals



KIM JENSEN | F3N-Senior

COUNTRY: Denmark

AGE: 47 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 16 years

HELICOPTER: SAB Goblin

RASMUS JAKOBSEN | F3N-Senior

COUNTRY: Denmark

AGE: 22 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 9 years

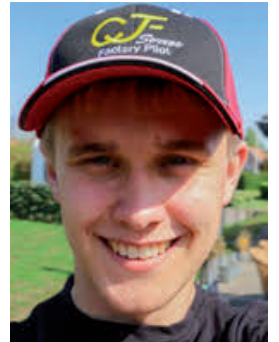
HELICOPTER: Gaii X7 Formula

BODY: Gaii

SIGNIFICANT RESULTS IN F3N:

- 2018, 1st Place Thailand Heli Blowout
- 2018, 1st Place Danish Nationals 2018
- 2016, 1st Place Music competition, Bulls smackdown (Spain)

- 2014, 1st Place Junior F3N nordic (Sweden)
- 2017, 2nd Place Thailand Heli Blowout (Thailand)
- 2016, 2nd Place 3D Champs international (UK)
- 2016, 2nd Place Freestyle competition, Bulls Smackdown (Spain)
- 2016, 2nd Place F3N European Team Championship (Poland)
- 2016, 2nd Place F3N DK (Denmark)
- 2017, 3rd Place F3N DK (Denmark)
- 2015, 3rd Place F3N DK (Denmark)
- 2014, 3rd Place F3N DK (Denmark)





TEAM GERMANY F3CN



STEFAN WACHSMUTH | F3C-Senior

COUNTRY: Germany

AGE: 34 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 17 years

HELICOPTER: Sylphide E12

BODY: Fullbody

SIGNIFICANT RESULTS IN F3CN:

- 2012, 12th place F3C WC
- 2016/17, World Cup Champion
- 2015, Vice-World Champion Team 2012
- 2015, 10th place F3C WC
- 2012, 6th F3C EC
- 2016, 2017, 2018, 1st German Championship

ERIC WEBER | F3C-Senior

COUNTRY: Germany

AGE: 29 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 15 years

HELICOPTER: SAB Goblin Urukay

SIGNIFICANT RESULTS IN F3CN:

- 2013/2015, World Champion F3N
- 10x Winner German Championship F3N
- 2x Winner European Championship F3N
- 1st place World Air Games Dubai
- 2018, 2nd F3C German Championship



SASCHA KUNZ | F3C-Senior

COUNTRY: Germany

AGE: 42 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 28 years

HELICOPTER: RVE Merak E750

BODY: Super Gracy 750

SIGNIFICANT RESULTS IN F3CN:

- 2014, 1st German Championship GPC
- 2018, 3rd German Championship
- 2017, 3rd German Championship
- 2017, World Championship

FRIEDER VÖLKLE | F3C-Junior

COUNTRY: Germany

AGE: 17 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 2 years

HELICOPTER: Align T-Rex 760X F3C

BODY: Align F3C 760

SIGNIFICANT RESULTS IN F3CN:

- 2018, 5th German Championship F3C
- 2017, 3rd German Championship F3C-GPC



Teammanager F3CN: **GERHARD GRASSER**



FELIX BRAUN | F3N-Senior

COUNTRY: Germany

AGE: 20 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 14 years

HELICOPTER: JR Forza 700

SIGNIFICANT RESULTS IN F3CN:

- 2016, 3rd Place German Championship F3N
- 2017, 1st Place Team World Championship F3N
- 2018, 2nd Place German Championship F3N

UWE NAUJOKS | F3N-Senior

COUNTRY: Germany

AGE: 55 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 8 years

HELICOPTER: SAB Goblin 700 Sport

BODY: SAB

SIGNIFICANT RESULTS IN F3CN:

- 2018, 3rd Scottish Nationals Sport
- 2018, 3rd Place German Championship Teilwettbewerb
- 2018, 4th Place German Championship Sport



MARCEL DÖRING | F3N-Senior

COUNTRY: Germany

AGE: 19 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 7 years

HELICOPTER: SAB Goblin 700 Competition,
Black Thunder

BODY: SAB

SIGNIFICANT RESULTS IN F3CN:

- Global 3D, ROTOR live 2019, ProWing, CZ Heaven

NIKLAS MAI | F3N-Junior

COUNTRY: Germany

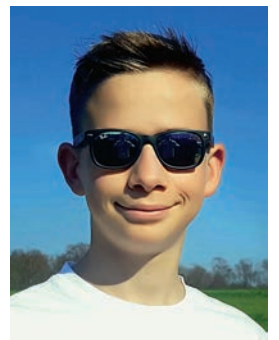
AGE: 14 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 3 years

HELICOPTER: SAB Goblin 700 Competition

SIGNIFICANT RESULTS IN F3CN:

- 2018, 3rd Place German Championship F3N;
5th Place Helichallenge Switzerland
- 2017, 7th Place German Championship F3N





TEAM ITALY F3CN

Teammanager F3C: **ALESSANDRO DEL LUNGO**

Teammanager F3N: **LUCA PESCANTE**



ALESSANDRO DEL LUNGO | F3C-Senior

COUNTRY: Italy

AGE: 48 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 20 years

HELICOPTER: JR Sylphide E12

BODY: Super Grazy

SIGNIFICANT RESULTS IN F3CN:

- 2014/2015/2016/2018, Italian Champion
- 2016, 4th European Championship
- 2017, 1st Heli Euro Series Austria

CESARE FRUSONI | F3C-Senior

COUNTRY: Italy

AGE: 47 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 19 years

HELICOPTER: Align T-Rex 760X

BODY: Staysee 800

SIGNIFICANT RESULTS IN F3CN:

- 2018, 2nd Italia F3C Championship
- 2017, 3rd Italia F3C Championship
- 2017, 20th F3C World Championships



ROBERTO GIOVENCO | F3C-Senior

COUNTRY: Italy

AGE: 40 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 24 years

HELICOPTER: Align T-Rex 800 F3C

BODY: F3C-Fuselage



LUCA PESCANTE | F3N-Senior

COUNTRY: Italy

AGE: 22 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 8 years

HELICOPTER: Align T-Rex 700X

SIGNIFICANT RESULTS IN F3CN:

- 2018, 2nd FAI F3N European Championship
- 2013/2014/2015/2016/2017/2018, 1st F3N Italian Championship
- 2017, 4th F3N World Championship

SEBASTIANO ARGENTI | F3N-Senior

COUNTRY: Italy

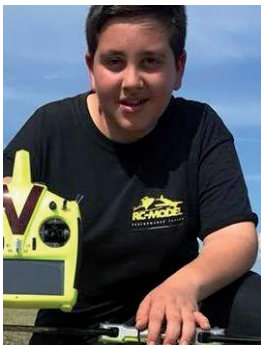
AGE: 26 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 15 years

HELICOPTER: Align T-Rex 700X

SIGNIFICANT RESULTS IN F3CN:

- 2019, 3rd F3N Italian Championship



LORENZO COSTANTINI | F3N-Junior

COUNTRY: Italy

AGE: 16 years

HELICOPTER: Mikado Logo 700

MIRKO MENNA | F3N-Junior

COUNTRY: Italy

AGE: 12 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 4 years

HELICOPTER: SAB Goblin Black Thunder 700

SIGNIFICANT RESULTS IN F3CN:

- 2018, 2nd 3DHC Italy, Expert class
- 2018, 4th F3N Italian Championship





TEAM JAPAN F3C

Teammanager F3C: **SHINYA KUNII**



HIROKI ITO | F3C-Senior

COUNTRY: Japan

AGE: 29 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 20 years

HELICOPTER: ProDrone PDH-02C

BODY: ProDrone Stock

SIGNIFICANT RESULTS IN F3CN:

- 2017, 2nd FAI F3C World Championships
- 2015, 1st FAI F3C World Championships

MASATOSHI ISO | F3C-Senior

COUNTRY: Japan

AGE: 34 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 21 years

HELICOPTER: XL Power Reywa 760

BODY: Energy Power Earnest

SIGNIFICANT RESULTS IN F3CN:

- 2017, 3rd FAI F3C World Championships
- 2015, 6th FAI F3C World Championships



SHINYA KUNII | F3C-Senior

COUNTRY: Japan

AGE: 45 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 30 years

HELICOPTER: ProDrone PDH-02C

BODY: ProDrone PDH-02C

SIGNIFICANT RESULTS IN F3CN:

- 2003, 1st National Championship



TEAM NETHERLANDS F3C

Teammanager F3C: **ROB EIKEBOOM**



RONALD VAN LENT | F3C-Senior

COUNTRY: Netherlands

AGE: 47 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 25 years

HELICOPTER: JR Sylphide E12 EX

BODY: Super Crazy

SIGNIFICANT RESULTS IN F3CN:

- 2015 – 2018, Dutch F3C Champion
- 2016/2018, 4th Euro Heli Series

WIM VAN PETERSEN | F3C-Senior

COUNTRY: Netherlands

AGE: 53 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 5 years

HELICOPTER: JR Sylphide E12 EX

BODY: Super Crazy



ROB EIKEBOOM | F3C-Senior

COUNTRY: Netherlands

AGE: 53 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 26 years

HELICOPTER: SAB Goblin Urukay Carbon

BODY: SAB



TEAM NORWAY F3C

Teammanager F3C: **LARS AAGE OLSEN**



LARS AAGE OLSEN | F3C-Senior

COUNTRY: Norway

AGE: 49 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 34 years

HELICOPTER: JR Sylphide 755

BODY: Super Crazy 755

SIGNIFICANT RESULTS IN F3CN:

· 2014/2017/2018, 1st Norwegian Nationals

THOMAS HAGE | F3C-Senior

COUNTRY: Norway

AGE: 46 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 7 years

HELICOPTER: JR Sylphide 12EX

BODY: Staysee 800

SIGNIFICANT RESULTS IN F3CN:

· 2019, 3rd Grensecupen
(Annual Nordic competition)
· 2018, 3rd Norwegian Nationals



JON ROGER THOMASSEN | F3C-Senior

COUNTRY: Norway

AGE: 45 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 25 years

HELICOPTER: Align T-Rex 760X

BODY: Align



TEAM RUSSIA F3C

Teammanager F3C: **SERGEY FILIPPENKOV**



OLEG POPOV | F3C-Senior

COUNTRY: Russia

AGE: 53 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 43 years

HELICOPTER: JR Sylphide 755

BODY: Super Crazy 755

SIGNIFICANT RESULTS IN F3CN:

· Multiple National Champion F3C

ALEXEY VASILCHENKO | F3C-Senior

COUNTRY: Russia

AGE: 42 years

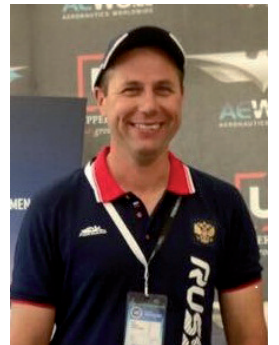
**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 30 years

HELICOPTER: Quest Impaction E12

BODY: Quest

SIGNIFICANT RESULTS IN F3CN:

· Multiple winner and champion of Russia-F3C



SERGEY FILIPPENKOV | F3C-Senior

COUNTRY: Russia

AGE: 49 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 23 years

HELICOPTER: Hirobo Eagle EP



TEAM REPUBLIC OF KOREA F3C

Teammanager F3C: **INCHUL CHOI**



JAE HWAN CHO | F3C-Senior

COUNTRY: Republic of Korea

AGE: 37 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 24 years

HELICOPTER: Quest Impaction

BODY: Black Shark 3

SIGNIFICANT RESULTS IN F3CN:

· 2013/2015/2017, F3CN World Championships

WON JAE CHOI | F3C-Senior

COUNTRY: Republic of Korea

AGE: 43 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 28 years

HELICOPTER: RVE Merak E750

BODY: Prodrone



KYUNGYONG CHOI | F3C-Senior

COUNTRY: Republic of Korea

AGE: 51 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 30 years

HELICOPTER: Hirobo SST-Eagle 3

BODY: Black Shark

SIGNIFICANT RESULTS IN F3CN:

· 1997, 17th WC Turkey

· 1999 – 2009, 1st Nationals



TEAM SPAIN F3C

Teammanager F3C: **FERNANDO SÁNCHEZ IRISARRI**



JUAN JOSÉ MARTÍ ALBERO | F3C-Senior

COUNTRY: Spain

AGE: 27 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 14 years

HELICOPTER: Quest Impaction E12S-787

SIGNIFICANT RESULTS IN F3CN:

- 2018, Champion at Spanish Championships
- 2016, 23rd European Championship

FERNANDO SÁNCHEZ IRISARRI | F3C-Senior

COUNTRY: Spain

AGE: 55 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 25 years

HELICOPTER: Quest Impaction

BODY: Staysee



CÁNDIDO CARBAÑO GARRIDO | F3C-Senior

COUNTRY: Spain

AGE: 55 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 25 years

HELICOPTER: Quest Impaction

BODY: Staysee



TEAM SWEDEN F3C

Teammanager F3C: **JOHANNES MELÉN**



BJÖRN HÅKANSSON | F3C-Senior

COUNTRY: Sweden

AGE: 40 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 5 years

HELICOPTER: SAB Goblin Urukay WC

BODY: SAB

JOHANNES MELÉN | F3C-Senior

COUNTRY: Sweden

AGE: 35 years

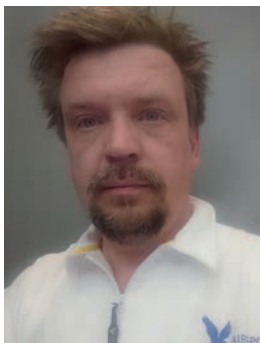
**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 22 years

HELICOPTER: JR/DFA Sylphide 800

BODY: Staysee 800

SIGNIFICANT RESULTS IN F3CN:

- 2018, 3rd Euro Heli Series Denmark
- 2016, 13th European Championships
- 2008, 11th European Championships



KRISTER THORSTENSSON | F3C-Senior

COUNTRY: Sweden

AGE: 48 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 28 years

HELICOPTER: Quest

BODY: Staysee



TEAM SWITZERLAND F3C

Teammanager F3C: **PETER OBERLI**



ENNIO GRABER | F3C-Senior

COUNTRY: Switzerland

AGE: 39 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 20 years

HELICOPTER: SAB Goblin Urukay

BODY: SAB Goblin Urukay

SIGNIFICANT RESULTS IN F3CN:

- 2013/2018, FAI F3C World Champion
- since 2010, F3C European Champion

MARC EMMENEGGER | F3C-Senior

COUNTRY: Switzerland

AGE: 39 years

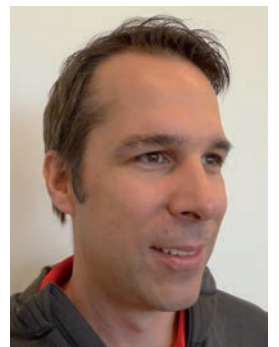
**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 14 years

HELICOPTER: JR Sylphide

BODY: Super Gracy

SIGNIFICANT RESULTS IN F3CN:

- 2017, 2nd Team WM
- 2016, 1st Team EM



MARTIN FÄH | F3C-Senior

COUNTRY: Switzerland

AGE: 35 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 15 years

HELICOPTER: RVE Merak E750

BODY: Merak

SIGNIFICANT RESULTS IN F3CN:

- 2016, 10th at the European Championship



TEAM CHINESE TAIPEI F3CN



YU-CHE HSÍAO | F3C-Senior

COUNTRY: Chinese Taipei

AGE: 20 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 8 years

HELICOPTER: GAUI X7 FZ

SZ HAO CHIU | F3C-Junior

COUNTRY: Chinese Taipei

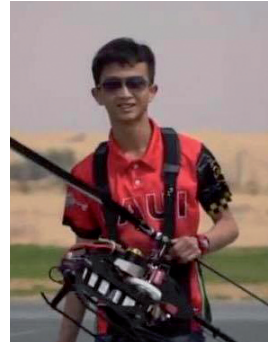
AGE: 16 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 5 years

HELICOPTER: GAUI X7 FZ

SIGNIFICANT RESULTS IN F3CN:

· 2018, 3rd Global 3D Expert Class



Teammanager F3C: **HUAN-CHEN KO**



YU-CHE HSÍAO | F3N-Senior

COUNTRY: Chinese Taipei

AGE: 20 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 8 years

HELICOPTER: GAUI X7 FZ

HUAN CHEN KO | F3N-Senior

COUNTRY: Chinese Taipei

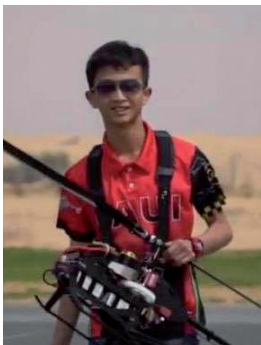
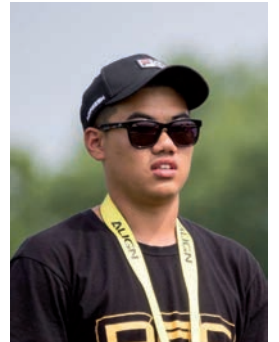
AGE: 22 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 9 years

HELICOPTER: XL Power Specter 700

SIGNIFICANT RESULTS IN F3CN:

· 2017, 1st FAI F3N World Championships



SZ HAO CHIU | F3N-Junior

COUNTRY: Chinese Taipei

AGE: 16 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 5 years

HELICOPTER: GAUI X7 FZ

SIGNIFICANT RESULTS IN F3CN:

· 2018, 3rd Global 3D Expert Class



TEAM UNITED KINGDOM F3CN



STEVE ROBERTS | F3C-Senior

COUNTRY: United Kingdom

AGE: 36 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 25 years

HELICOPTER: JR Sylphide E12 EX

BODY: JR Super Grazy

SIGNIFICANT RESULTS IN F3CN:

- 2018, F3C World Cup Champion
- 2017, 10th place F3C World Championships
Current British National F3C Champion

MARK CHRISTY | F3C-Senior

COUNTRY: United Kingdom

AGE: 39 years

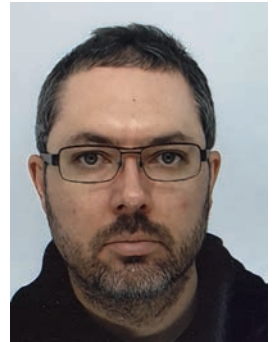
**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 9 years

HELICOPTER: Hirobo Eagle 3 SSL2 800

BODY: Regency

SIGNIFICANT RESULTS IN F3CN:

- 7 x UK National Champion, 2 x Euro
Championships Runner Up, 2 x World
Championships top 10



ROGER MAYO | F3C-Senior

COUNTRY: United Kingdom

AGE: 49 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 16 years

HELICOPTER: JR Sylphide

BODY: Super Gracy III

SIGNIFICANT RESULTS IN F3CN:

- 2018, 2nd Scottish Helicopter Nationals
- 2018, 3rd British Nationals

SCOTT MAYO | F3C-Junior

COUNTRY: United Kingdom

AGE: 16 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 4 years

HELICOPTER: Align T-Rex 700 F3C

BODY: Align Black Shark

SIGNIFICANT RESULTS IN F3CN:

- 2018, 1st Scottish Nationals
Sportsmans F3C



Teammanager F3C: **PAUL ROBERTS;**
Teammanager F3N: **JULIE FISHER**



DUNCAN OSBOURN | F3N-Senior

COUNTRY: United Kingdom

AGE: 31 years

HOW MANY YEARS INVOLVED IN AEROMODELLING: 19 years

HELICOPTER: Align T-Rex 700X

SIGNIFICANT RESULTS IN F3CN:

· 2005, 1st 3D-Masters

· 2008, 3rd 3D-Masters

· 2009, 2nd 3D-Masters

· 2012, 3rd F3N European Championship

· 2016, 3rd F3N European Championship

· 2011, 1st Zone

· UK 3D Championship Winner 2007, 2009, 2010, 2011, 2013, 2017, 2018

CALLUM HENSON | F3N-Senior

COUNTRY: United Kingdom

AGE: 18 years

HOW MANY YEARS INVOLVED IN AEROMODELLING: 5 years

HELICOPTER: Align T-Rex 700X

SIGNIFICANT RESULTS IN F3CN:

· Global 3D 2018

· 3D champs UK 2018



DAVE FISHER | F3N-Senior

COUNTRY: United Kingdom

AGE: 57 years

HOW MANY YEARS INVOLVED IN AEROMODELLING: 20 years

HELICOPTER: Align T-Rex 700X

BODY: POD & BOOM

SIGNIFICANT RESULTS IN F3CN:

· 2006/2008, British National F3C Champion

· 2002 – 2010, British F3C Team Member

· 2015 – 2019, British F3C Team Member

· 2013 – 2015, Scottish F3N National Champion

· 2017 – 2018, Scottish F3N National Champion

· 2017, 3rd place Helifest UK

ARON COLE | F3N-Junior

COUNTRY: United Kingdom

AGE: 17 years

HOW MANY YEARS INVOLVED IN AEROMODELLING: 12 years

HELICOPTER: Align T-Rex 700X

BODY: Align

SIGNIFICANT RESULTS IN F3N:

· 2017, F3N Junior World champion

· 2016, F3N Junior European champion

· 2017, Align Funfly competition

· 2018, 1st UK 3D Championship

· 2018, Ircha Battle of the Brands competition

· 2018, 4th F3N Euro Heli Series





TEAM USA F3CN

Teammanager F3CN: **GORDIE MEADE**



NICHOLAS MAXWELL | F3C-Senior & F3N-Senior

COUNTRY: USA

AGE: 29 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 21 years

HELICOPTER: Minicopter Diabolo 700 (F3N);
Quest E-12 (F3C)

BODY: Y's Factory Reference

SIGNIFICANT RESULTS IN F3CN:

- 2010, 3D Masters World Champion
- 2012/2016, 2-Time Extreme Flight Championships Champion
- 5-Time USA National Champion
- 2017, 4th Place F3C World Championships

STUART MICHAEL GOZA | F3C-Senior

COUNTRY: USA

AGE: 58 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 41 years

HELICOPTER: SAB Goblin Urukay WC

BODY: SAB Goblin Urukay WC

SIGNIFICANT RESULTS IN F3CN:

- 2005 & 2009 USA WC-Team Manager
- 2018, 4th US Nationals



CHRIS DIAMANTI | F3C-Senior

COUNTRY: USA

AGE: 19 years

**HOW MANY YEARS INVOLVED
IN AEROMODELLING:** 9 years

HELICOPTER: SAB Urukay (WC)

BODY: SAB Urukay (WC)

SIGNIFICANT RESULTS IN F3CN:

- 2017, 2nd in Nationals F3N
- 2017, 3rd in Nationals Sportsmen
- 2018 4th in Nationals F3C
- 2018 6th in Nationals F3N





HALL OF FAME

FAI F3CN WORLD CHAMPIONSHIPS

F3C	WORLD CHAMPION F3C SENIORS	WORLD CHAMPION F3C JUNIORS	TEAM F3C SENIORS
WCh 2017, Wloclawek, Poland	Ennio GRABER (CH)	Thomas RETTENBACHER (AUT)	France
WCh 2015, Klopeinersee, Austria	Hiroki ITOU (JPN)	Thomas RETTENBACHER (AUT)	Japan
WCh 2013, Wloclawek, Poland	Ennio GRABER (CH)	Pierre GUTIERREZ (FRA)	Japan
WCh 2011, Calcinatello di Calcinato, Italy	Hiroki ITOU (JPN)	Choi Won Ho (KOR)	Japan
WCh 2009, Muncie, Indiana USA	Hiroki ITOU (JPN)		Japan
WCh 2007 Wloclawek, Poland	Hiroki ITOU (JPN)		Japan
WCh 2005, Zamora, Spain	Hiroki ITOU (JPN)		Japan
WCh 2003, Nato, Japan	Manabu HASHIMOTO (JPN)		Japan
WCh 2001, Muncie, Indiana USA	Curtis YOUNGBLOOD (USA)		Japan
WCh 1999, Deblin, Poland	Manabu HASHIMOTO (JPN)		Japan
WCh 1997, Gölbasi, Turkey	Manabu HASHIMOTO (JPN)		Japan
WCh 1995, Kasaoka-Shi, Japan	Clifford PLATT (USA)		USA

F3N	WORLD CHAMPION F3N SENIORS	WORLD CHAMPION F3N JUNIORS	TEAM F3N SENIORS
WCh 2017, Wloclawek, Poland	KO HUAN Chen (TPE)	Aaron COLE (GBR)	Germany
WCh 2015, Klopeinersee, Austria	Eric WEBER (GER)	KO HUAN Chen (TPE)	Israel
WCh 2013, Wloclawek, Poland	Eric WEBER (GER)	Luca PESCANTE (ITA)	Germany



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STATE OF THE ART
Mikado VBar
Control Touch

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