



2023 FAI F3DE World Championships for Pylon Racing Model Aircraft

The Netherlands, August 1st – August 5th 2023 Drachten Airport

Koninklijke Nederlandse Vereniging voor Luchtvaart
(Royal Netherlands Aeronautical Association)
Member of the Fédération Aéronautique Internationale



Bulletin 2

Invitation.

With great pleasure the Royal Netherlands Aeronautical Association invites FAI associated F3D and F3E pilots and teams to participate in the 2023 F3D/F3E World Championship for Pylon Racing Model Aircraft, to be held at Drachten Airport (EHDR), the Netherlands. Special invitations go to Emil Broberg, the F3D World Champion of 2022 and Tomáš Ciniburk, the F3E World Champion of 2022.

Flying site.

The World Championship competition will take place at Drachten airfield, which is located near the city of Drachten in the northern part of the Netherlands.

Location: **Latitude: 53-07-09.126N (53.119202) Longitude: 006-07-46.9928E (6.12972)**

Drachten Airport is an active general aviation airfield and has a 750 m long tarmac runway which is 24 m wide. For the duration of the World Championship, activities of man carrying aircraft will be suspended.



Organisation

President : Robbert van den Bosch

Secretary: Paul Beks

Contest Director: Rob Metkemeijer

Entry forms and all other correspondence preferably by e-mail to the secretary

info@wchf3de2023.nl

Address for regular post:

Paul Beks

Burg. Jhr. Strick van Linschotenstraat 43

3604 AL Maarssen

Telephone +316-54628914

Web site.

The official web site for the Championship is

www.wchf3de2023.nl

Time schedule (may change due to circumstances) :

Saturday 29 July

09:00 to 18:00 Free practice (separate F3D and F3E courses).

Sunday 30 July

09:00 to 18:00 Free practice (separate F3D and F3E courses).

Monday, July 31

9.00 to 17.00 Free practice (separate F3D and F3E courses).

17.00 – 18.00 Final preparation competition course

09.00 to 17.00 Registration at the contest office

16.00 Team managers meeting

18.00 Welcome reception

Tuesday August 1

09:00 Opening ceremony.

10.00 to 18.00 Official practice on competition course

10.00 to 18.00 Model processing. (see also Annex 1 with this bulletin)

18.00 Team managers meeting, draw of heats

Wednesday August 2

09.00 to 18.00 Competition flights

18.00 Team managers meeting

Thursday August 3

09.00 to 18.00 Competition flights

18.00 Team managers meeting

Friday August 4

09.00 to 18.00 Competition flights

18.00 Team managers meeting

Saturday August 5

Reserve day for competition flights, super finals, closing ceremony and closing party/banquet

09.00 to 14.00 Competition flights and/or super finals. The super finals are not a part of the championship and will only be flown if time allows. The 12 pilots with the fastest heat times of the championship will be invited to compete.

15.00- 15.30 Prize giving and closing ceremony

17.00 -20.00 Closing party/buffet

Sunday August 6.

Departure day.

The field has to be cleared at 12.00 PM (noon)

Competition rules.

The World Championship will be held according to:

- FAI Sporting Code General Section.
- FAI Sporting Code Section 4 Aeromodelling CIAM General Rules Volume 2023 Edition.
- FAI Sporting Code Section 4 Aeromodelling Volume F3 Pylon 2023 Edition.
- FAI Code of Ethics.
- FAI Anti-Doping Rules.

FAI Jury

The FAI jury will consist of:

Marcus Griggs (United Kingdom), president

Gilles Desgruelles (France)

Peter Keim (Netherlands)

Competitors and teams

A national team may consist of a team manager and a maximum of 5 competitors and 5 callers for each category F3D and F3E, provided that at least one competitor (per category) is female and at least one (per category) is a junior.

A competitor is considered to be a junior when he/she is born in 2005 or after.

Pilots may call for each other and a pilot may be the team manager. A caller may call for more than one pilot, but he/she may not act in more than one national team.

If the defending World Champion is not a member of the national team, his score will not be considered in the team results.

All females and juniors will compete for the overall individual classification. Additionally, there is a female classification and a junior classification, both with FAI medals and diplomas.

If at least 4 juniors/female competitors from at least 4 different nations participate, the junior/female winner shall earn the title of Junior/Female World Champion.

Pilots registration for UAS operation under EU Regulation 947

All EU pilots must have this registration in their country. This Registration is valid in the Netherlands.

Non-EU pilots will be registered by the organizer after final entry and they will get a registration number.

Entry forms.

Entry forms are enclosed with this bulletin and will be published on the web site.

Take care all 4 worksheets of the Excel entry form are filled in carefully.

The entry form should be sent to the organizer by e-mail to info@wchf3de2023.nl or by regular post to our secretary address.

All entries must be received by May 7th 2023.

All entry fees have to be paid before May 15th 2023.

We kindly request all teams to fill in this form accurately including biographical forms, shirt sizes and fuel needed for practice flights.

All pilots are requested to give their birth date and full home address with the entry form

We need this for the limited third-party liability insurance for model flying related activity. All provided personal details will be used for this purpose only, no information will be shared to third parties in compliance with GDPR regulations.

Entry Fees (including closing party, no drinks):

Team Managers	€ 250
Pilots flying F3D	€ 450
Pilots flying F3E	€ 450
Junior/Female Pilots	€ 200
Callers (F3D and/or F3E)	€ 250
Junior/Female Callers (F3D and/or F3E)	€ 100
Pilots flying two classes, F3D & F3E	€ 675
Junior/Female Pilots flying F3D & F3E	€ 300
Official supporter	€ 40
Closing party buffet only (to be ordered latest at arrival)	€ 25

In the event that a person is serving in more than one position (team manager, competitor, caller etc.), he/she will be charged only one fee: that which represents the highest fee of the positions to be served. Any junior or female competitor may be a member of the senior team as well. In that case this competitor is required to pay only the entry fee for the junior's class. A caller pays only a single fee, even if he/she is caller for more than one competitors.

In case a competitor has to take any of the substances listed on the WADA Prohibited List for medical treatment then a copy of the Therapeutic Use Exemption (TUE) must be sent with the entry form.

Bank account for entry fees and other payments

RABOBANK

IBAN : NL10 RABO 0339 4953 16

BIC/SWIFT: RABONL2U

Beneficiary: WCHF3DE2023

For all payments use for reference: WCHF3DE plus the name of your country

Camp site

A camp site will be created on the airfield with the necessary facilities like toilets, showers and electrical power. The camp site will be available from Friday July 28th 18.00 hours to Sunday August 6th 12.00 PM (noon).

The cost for staying at the camp site will be:

Person	€ 8 per night
Tent	€ 10 per night
Caravan, camper	€ 15 per night
Electricity	€ 3 per night

Please use the entry form for registration if you wish to stay at the camp site.

Fuel for free practice.

Fuel for practice will be provided by the organization for € 5 per litre in 5 litre cans. Fuel for practice must be ordered with the entry form.

Power for charging flight batteries for F3E.

220V Power will be available in the pits for charging the F3E flight batteries.

F3E energy limiters

According to 5.3.5.3.2 the organizer will provide for every competitor 2 limiters. These will be drawn by competitors either every day or before every round. The organizer will provide information in Bulletin 3 how this will be done exactly.

Limiters will also be provided in a similar way at no cost during free practice and official practice.

The specs and manual of this limiter can be found on the web site www.wchf3de2023.nl

The type of Energy limiter that will be used is:

PD Limiter, version V2.03,

EDIC approved under number **F3EEL002**, to be published at <https://fai.org/ciam-documents> .

Limiters of this type can be supplied to competitors that want to practice with this limiter before the WC they can order them with the final entry, see entry form.

For this WC they will be offered for a special price of € 45,00.

This offer is only for F3E competitors, with a maximum of 2 per competitor.

The limiters will be shipped appr. half May 2023. Please add full shipping address on the entry form..

FAI licenses

Each competitor, caller and the team manager must be registered in the FAI License database of 2023 and may be required to produce an official document bearing his/her photograph and signature as proof of identity.

Official language

English .

Miscellaneous:

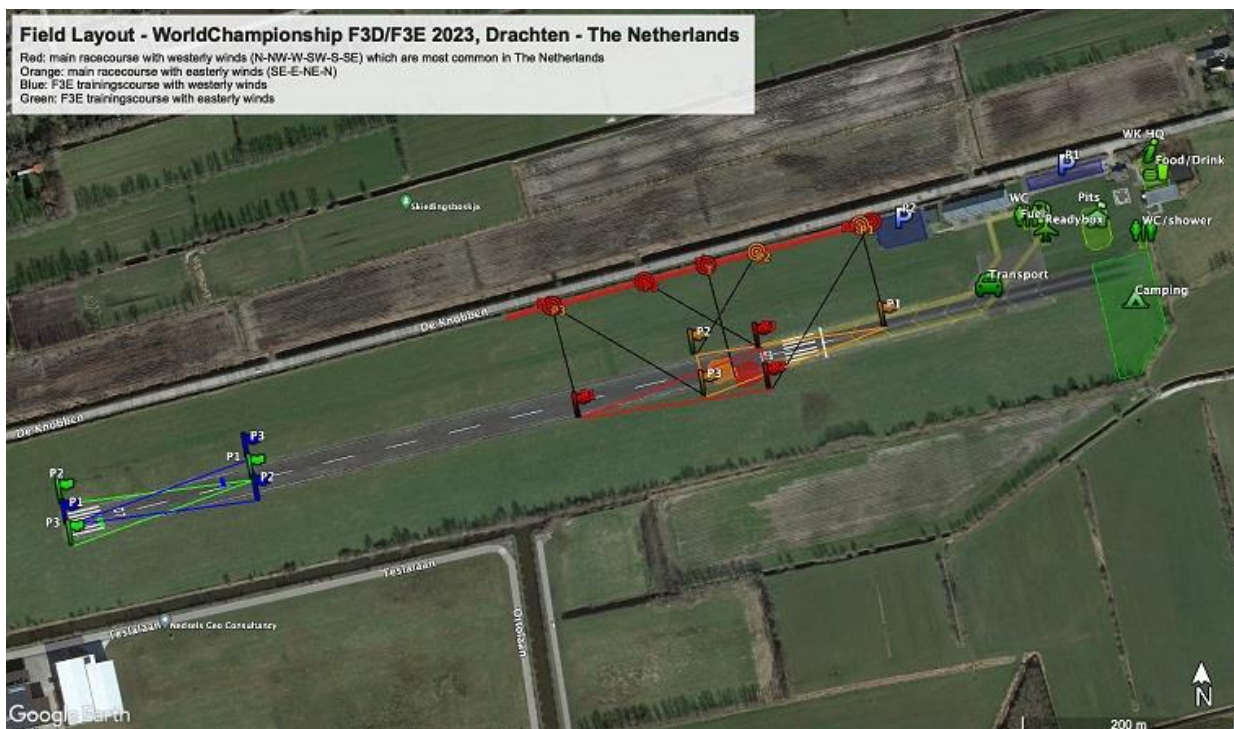
- Voltage in the Netherlands is 230V – 50Hz
- The official currency of the Championship is Euro.
- Participants should check with their local Netherlands Embassy or Consulate with regard to entry/exit visa requirements and other travel restrictions.
- Driving is on the right-hand side of the road.

Site map

See drawing below.

The course on the right side (red for westerly winds, orange for easterly winds) will be used for the Championship, for F3D (free) practice and for F3D/E official practice

The additional course on the left hand side will only be available for free practice F3E, blue for westerly winds, green for easterly winds.



Foods and beverages

These will be offered at the flying site during competition days from a food truck at reasonable prices. A simple lunch will be offered for appr. € 10,-. Payments can be done in cash or via all major accepted cards.

Annex 1: **Model Processing.**

From the Sporting Code , CIAM General rules.

All models must carry:

1. The national identification mark followed by the FAI Unique ID number. The letters and numbers must be at least 25 mm high and appear at least once on each
Note: The list of the national identification marks (3 letters per country) is downloadable from “Documents” section of the CIAM website <http://www.fai.org/ciam-documents> .
2. A model identification code (letters and/or numbers). This code has to be different for each nominated model aircraft of the competitor. The model identification code is to appear on each main part of the model (wing(s), tail, front and rear fuselage if detachable) so that the individual parts of a competitor's different models may be separately identified. The letters and/or numbers must be at least 10 mm high and clearly visible.

A model aircraft must not carry a national identification mark, an FAI licence number, an FAI sticker, or any other reference which relates to any person other than the competitor. At the processing of the model aircraft, the organiser must mark each FAI sticker (if required).

Each NAC shall process every model and shall issue for each model aircraft a Model Aircraft Specification Certificate, provided by the FAI. A sticker, also provided by the FAI or marking to the pattern of this sticker, shall appear on each model aircraft .

Note: the Model Aircraft Specification Certificate and FAI sticker are available as a download from the CIAM website.

A maximum of 3 models will be processed. Each model will have its specification certificate. This certificate will be kept by the organizer for the duration of the competition.

At the processing all engines will be marked with an easily visible identification mark. This will be recorded on the Model Aircraft Specification Certificate at the time of checking the model. Motors which have been checked and recorded in this way may not be exchanged with other competitors.

Model aircraft not properly processed by their NAC, with FAI certificates and stickers, will be processed by the organizer at a cost of 8 Euro for each model.

When, after official checking a model is lost or damaged, the competitor shall have the right to present a further model and corresponding model specification certificate for checking up to one hour before the official starting time of the contest in that class. In any event, the competitor may have only 3 models entered at the start of the contest.

On 29 , 30 and 31th July all measuring equipment will be at the disposal of competitors to check their model aircraft if they wish to.

Procedure on processing day will be as follows:

- Random checks on weight of model, wing and tail surface areas, wing root thickness, wingspan, fuselage height & width, fuselage cross-section, wheel diameter, spinner nose radius. We ask all competitors to bring documentation on the surface area calculation and templates and documentation of the cross sectional area calculation. Model manufacturers documentation and calculations will be accepted
- For F3D: Check of Venturi cross section. Venturi's will be checked with a 12 mm diameter, 1 mm wide gauge. For non-circular venturi's the competitor will have to bring proof (template, calculation) that the venturi's cross section is according the rules
- For F3D: Acoustic check on the exhaust system according ANNEX 5P par. A.5P.2

- For F3D: All engines and exhaust systems will be marked with the competitor's number. Additional engines and exhaust systems may be processed during the competition. Motors and exhaust systems which have been checked and recorded in this way may not be exchanged with other competitors
- Check of fail safe functions and proper functioning of motor shut-off
- F3E competitors should demonstrate that the motor (without prop) stops when the transmitter is turned off
- Checks of model safety (Sporting Code Volume F3 Radio Control Pylon Racing Model Aircraft par. 5.2.11 and 5.3.6)
- For F3D: On the processing day engine's swept volume will be checked only at the request of the competitor. Swept volume of engines may be checked in the random model checks during the competition