



2024 FAI F2 World Championships for Control Line Model Aircraft

Classes F2 ABCD
for Seniors and Juniors

August 11th – August 17th 2024

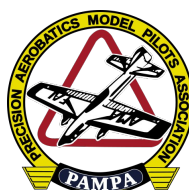
Muncie, Indiana / USA

<https://2024CLWC.org>

<https://modelaircraft.org>

Opening ceremony: 12th of August 2024

Closing ceremony: 17th of August 2024



1. ORGANISER AND LOCATION

The Academy of Model Aeronautics (AMA) in association with its Special Interest Groups for Control Line (NASS/PAMPA/NCLRA/MACA) invites all FAI affiliated National Air Sport Control Organizations in the World to join in the 2024 FAI F2 World Championships for classes ABCD for seniors and juniors on the following terms:

The website for the competition is located at
<https://2024CLWC.org>

1.1 Classes

F2A – CL Speed
F2B -- CL Aerobatics
F2C – CL Team Racing
F2D – CL Combat

1.2 Participation

Every FAI affiliated National Airsport Control organization in the World may enter a Team consisting of one Team Manager, optionally one Assistant Team Manager, and for each class:

- three competitors (pairs for F2C) (no age or gender restrictions),
- optionally one extra competitor(pair for F2C) (age: junior, no gender restriction),
- optionally one extra competitor(pair for F2C) (no age restriction, gender: female),
- Mechanics, and official helpers,

in agreement with 2024 CIAM General Rules C.5.3. The 2022 Senior and Junior World Champion in each event are also invited to attend. Supporters from each participating country are welcome to the event.

The reigning F2 World Champions have the right (subject to the approval of their NAC) to participate in the championship in their class regardless of whether or not they qualify 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 and compete in multiple classes. In a case of conflict of time for competing between multiple classes, the jury decides about the starting time for the competitor in each round.

1.3 F2 Junior and Women World Championships

The F2 World Championships will also have a junior and a women classification, based on the FAI Sporting Code regulations, Section 4 – Aeromodelling – CIAM General Rules 2024 edition, every NAC may enter a junior and a female competitor as 'extra competitors'. (See section 6 and 7 below.)

The title of World Champion in the junior category will only be awarded if at least 6 junior competitors from 4 different nations compete.

The title of World Champion in the women category will only be awarded if at least 6 women competitors from 4 different nations compete.

Regardless of the minimum number of competitors, the organizer guarantees that the achievement of junior and female competitors will be honoured at the official award ceremony.

1.4 Location

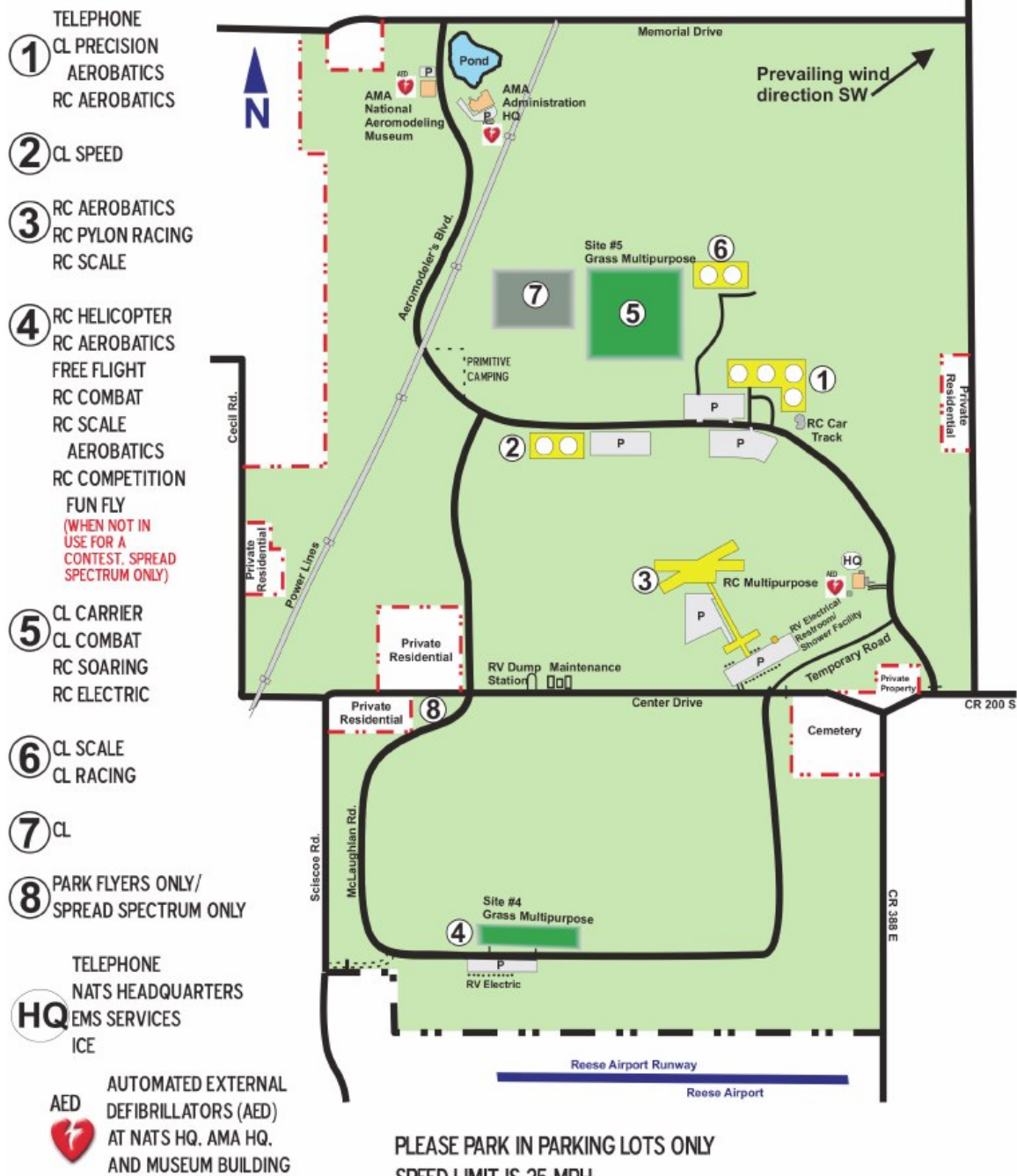
The World Championship will be held at the International Aeromodeling Center in Muncie, Indiana USA. This 1,000-acre model flying site is the home and headquarters of the Academy of Model Aeronautics and was the site for the 2004 F2 World Championships. Three paved sites provide competition and practice circles for F2A (Site 2), F2B (Site 1) and F2C (Site 6). F2D will be held on purpose-built site (Site 7) adjacent to the 600'x600' grass site (Site 5) which will provide F2B and F2D practice area..

Also featured on the site is the National Model Aviation Museum. This facility is a repository of aeromodeling's firsts and finest. Tours of the facilities and the AMA Headquarters operation will be available during the World Championships.

Entrance to the International Aeromodeling Center.



INTERNATIONAL AEROMODELING CENTER SITE MAP



F2 World Championships will be flown on Sites 1, 2, 5,6,7

1.5 Climate

Average weather conditions in Muncie during August are as follows:

Average min. daily temperature: 12° C

Average max daily temperature: 30° C

Average number of Rain days: 2

Average hours of sunshine: 10

1.6 Additional Information

Local Time

Eastern(US) Time = GMT - 5 hours

International Dialling Codes

To USA: 001 + area code (without "0") + number

Emergency Numbers

Emergency number: 911

Fire / Ambulance: 911

Police: 911

National Currency

1 \$ (US Dollar) = 100 Cent

Money exchange

We strongly recommend to exchange money only at the cash machines, exchange offices and banks.

Exchange rate (approximate)

1 CHF = \$1.15

1 Euro = \$1.08

1 CHF = €1.05

Please visit <https://fxds-hcc.oanda.com/> for current values.

Electricity

USA uses 110 Volts, AC at 60 cycles/seconds. The plugs in use have three pins. 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 2024 Edition.

https://www.fai.org/sites/default/files/sc4_vol_ciam_general_rules_24.pdf

- FAI Sporting Code Section 4 Aeromodelling Volume F2 Control Line Model Aircraft 2024 Edition.

https://www.fai.org/sites/default/files/sc4_vol_f2_controlline_24.pdf

- FAI General Section and FAI Code of Ethics.

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

https://www.fai.org/sites/default/files/documents/fai-code-of-ethics-2024_0.pdf

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 duration 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

Protest can be made according to FAI Sporting Code, Section C.20.2, Volume CIAM General Rules, with the deposit of 50CHF (USD\$ equivalent). If the protest is upheld the deposit will be returned.

3 OFFICIAL LANGUAGES

Official Language is English.

4 FAI JURY

Massimo Semoli (Germany) – Jury President – CIAM Bureau Secretary

Rob Olijve (Netherlands)

David Lindley (USA)

Reserve:

1st reserved Carl Dodge (USA)

2nd reserve **TBDL**

5 JUDGES AND CONTEST DIRECTOR

5.1 Contest Director

Contest Director: Bill Lee

Event Directors:

F2A: James Vansant

F2B: Mark Weiss

F2C: Bill Bischoff

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5.2 FAI Judges

F2A Senior Judge: Glen Vansant(USA)

F2B Judges

Judge 1: Mark Overmier (USA) – Head Judge

Judge 2: Dave Simon (AUS)

Judge 3: Serge Delabarde (FRA)

Judge 4: Roger Ladds (UK)

Judge 5: Joan Cox (CAN)

Judge 6: Igor Burger (SVK)

Reserve: Massimo Sangiacomo

F2C Panel of Judges

Judge 1: Jean-Paul Perret (France)

Judge 2: Max Dillinger (Austria)

Judge 3: Jason Allen (USA)

Reserve: Marek Leszczak (Poland)

F2D Judges

Judge 1: Ingemar Larsson (Sweden)

Judge 2: Pavol Barbaric (Slovakia)

Judge 3: Arlene Mears (USA)

Center Judge: Vernon Hunt (UK)

Reserve: Piero Incani (ITA)

Reserve: Marta Sala(Spain)

6 COMPOSITION OF A NATIONAL TEAM

- Team manager
- Assistant team manager(optional)

For each class:

- Competitors: maximum of three (pairs for F2C), no age or gender restrictions
- Optionally, one additional competitor (pair for F2C), age: Junior, no gender restriction
- Optionally, one additional competitor (pair for F2C), age: no restriction, gender: female

Additionally:

- helpers and mechanics as allowed by the F2 Sporting Code

7 CLASSIFICATION AND AWARDS

7.1 Individual classification

FAI medals and diplomas will be awarded to the first three individual places of the over-all placing, for junior and for female pilots. All competitors regardless of age or

gender will be considered for the over-all ranking. All competitors entered as 'Junior' will be considered for the Junior ranking. All competitors entered as 'Female' will be considered for the Female ranking.

If there are fewer than four nations or fewer than six(6) individuals (pairs for F2C) in the Junior or Female categories, the Junior World Champion or the Female World Champion titles will not be awarded.

FAI medals and diplomas will be awarded to the first, second and third placed juniors or female only if six (6) or more juniors or female are competing. If the number of juniors or females' participants is less than this number (six), then only FAI diplomas will be awarded to the juniors or to the females.

7.2 Team classification

FAI medals and FAI diplomas will be awarded to each member (including the fourth and fifth team member when appropriate) and the team manager of the teams placed first, second and third.

7.3 FAI Trophies

FAI Trophies (World Championship)

F2A Individual	Alex Valishev – United States	Netherlands Cup
F2A Team	United States	Leonardo da Vinci Cup
F2B Individual	Igor Burger – Slovakia	Steve Wooley Cup
F2B Team	Slovakia	Jim Walker Team Cup
F2C Individual	Volodymyr Makarenko/ Ihor Osadchyi - Ukraine	Kupok Challenge Trophy (was Paul du Toit Challenge)
F2C Team	Ukraine	New Asboth Oszkar Cup
(Note: the F2C Trophies awarded in 2022 not handed out due to not being returned from Russia.)		
F2D Individual	Jussi Forss Kimmo Valkonen(Mech) - Finland	Castrol Trophy
F2D Team	Spain	Combat Team Trophy

7.4 Organizer Awards

TBDL

8 SCHEDULE

11-08-2024	Sunday	Arrival of Participants FAI Jury & Judges 09:00 – 18:00 Registration of Teams 19:00 Team Managers' Meeting			
12-08-2024	Monday	08:00 Processing Official Training 16:00 OPENING CEREMONY ON SITE 5 19:00 Team Managers' Meeting			
13-08-2024	Tuesday	F2A Rnd 1	F2B Flights 1 & 2	F2C Round 1	F2D Rounds
14-08-2024	Wednesday	F2A Rnd 2	F2B Flights 1 & 2	F2C Round 2	F2D Rounds
15-08-2024	Thursday	F2A Rnd 3	F2B Flights 3 & 4	F2C Round 3	F2D Rounds
16-08-2024	Friday	Reserve	F2B Flights 3 & 4 F2B Finals 1	F2C Semi-Final 1	F2D Rounds
17-08-2024	Saturday	F2A Rnd 4	F2B Finals 2 & 3	F2C Semi-Final 2 F2C Finals	F2D Semi-final & Final
		16:00 CLOSING CEREMONY AT Site 5 20:00 Banquet			
18-08-2024	Sunday	Departure of participants			

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

Lunch: 12:00 – 13:00.

9 ENTRY FEES

Team Manager	CHF 350	This covers participation in the World Championships, souvenirs and gifts.
Team Manager Assistant	CHF100	This covers participation in the World Championships, souvenirs and gifts.
Senior Competitor-Pilot/Mechanic(F2C)	CHF 350	This covers participation in the World Championships, souvenirs and gifts.
Junior or Female Competitor	CHF 150	This covers participation in the World Championships, souvenirs and gifts.
Mechanic - F2D/F2DPool	CHF 80	This covers participation in the World Championships, souvenirs and gifts.
For all Competitors and Team Managers	CHF 10	Obligatory FAI Sanction fee

Supporter	CHF 50	This covers access to the World Championships activities, souvenirs and gifts.
Banquet Fee	CHF 50	Including soft drinks

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

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

10 DEADLINES

10.1 Final Entry Form

The Final Entry Form (FEF) as an Excel spreadsheet, accompanied by a copy typed or written in block letters and signed and stamped by NAC, shall be sent by e-mail no later than May 31st, 2024. (Fuel order form must accompany.)

The Final Entry Form may be submitted ONLY from the NAC. It is not a form for the individual competitor.

The FEF is available from the Championships' website in the Documents section.
<https://2024CLWC.org>

Entry Forms: please send to email: registrar@2024CLWC.org

10.2 Team Individual Photos

Passport size (600x600) photographs of all team members (min resolution 300 dpi) have to be sent by email to the organiser not later than May 31st, 2024 to the following email address: registrar@2024CLWC.org Photos must be supplied for all members identified on the FEF: competitors, helpers, supporters, etc.

10.3 Terms of Payment

Banking Information:

Beneficiary: Northwest Bank
100 Liberty Street
Warren, PA 16365 USA
Routing 243374218
Swift Code: NWBIUS33

Academy of Model Aeronautics, Inc.
5161 E Memorial Drive
Muncie, IN 47302 USA
Beneficiary Account #: 5536018814

Please note that all bank charges are the responsibility of the debtor.
Please do mark every payment with "2024 CL WCh – Country Name"

All fees must be received by the organisers no later than May 31, 2024. This also includes payment for banquet, fuel order, etc. (acc. to Final Entry Form). For entry fees received later than May 31, 2024, 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.

11 LODGING AND MEALS

11.1 Accommodation

Numerous quality, reasonably priced hotels will be blocked for our use in the Muncie area, just a short drive from the World Championship site. Room rates range from approximately \$75.00 USD to \$125.00 USD per night. Since most allow two to four people in the room at this rate, rates per person are quite reasonable.

Please visit <https://2024clwc.org/Accommodations/index.php> for further information.

RV camping is also available on the AMA site. The site features 43 recreational vehicle sites with 50-amp electric service. An RV dump station, fresh water, and hot showers are also available on the AMA site. Premium; Full Hookup service is \$35.00, Deluxe; Electric/Water service is \$25.00 USD per night.

Primitive sites (tent) is \$10.00 USD per night. To reserve your camping site at the IAC, please use the following link:

<https://www.campspot.com/book/internationalaeromodelingcenter>

11.2 Meals

During the competition days there will be food available at the flying field for individual purchase. The lunch price is not included in the entry fee. At the flying field, participants will be able to buy refreshments and food on competition days. The price for one meal (lunch) at the flying field will be approximately \$7.00-\$10.00 USD.

Box lunches will be provided to invited contest officials.

11.3 Banquet

The banquet will take place Saturday 17 August, 20:00 hours (admission is possible starting at 19:30 hours). Tickets are CHF 50 per person, soft drinks are included. Tables and additional tickets to be ordered during registration. Cash bar will be available.

12 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.

12.1 Insurance

For those coming to the United States from who are not AMA members, the following will apply. This does not apply to those who already have an existing AMA membership.

AMA requires that anyone who participates in an AMA-sanctioned contest must be an AMA member. The U.S. NATs, the USA World Cup and the F2 World Champs are AMA-sanctioned events. AMA has a class of "membership" called "Affiliate" which satisfies membership requirements. It provides the standard AMA insurance and membership privileges (no magazine), and to buy one costs \$45.

For our purposes this summer, if you are an identified member of your national team, as a Team Manager, Assistant TM, competitor, helper or supporter, AMA is granting a special 'affiliate' membership to you. It will be good for the duration of the U.S. CL NATs through the F2 World Championships, and only for activities on the AMA site. This provides the necessary AMA membership for your participation in the U.S. CL NATs, the USA World Cup, and the World Championships.

If you are entering the NATs, the online system they use will likely not work, and you should instead send an e-mail to

NATs@modelaircraft.org

Include your name, your national identity, address and, most important, your e-mail address. Then list the events you wish to enter for the NATs. There will be a cost to enter the NATs.

If you are entering the World Cup event, the registration is via the World Cup website at

<https://2024USAWorldCup.org>

If you are a member of your national team for the World Champs, your entry into the World Champs will be coming through normal registration mechanisms (the FEF) and your national airports control.

13 COMPLEMENTARY INFORMATION

13.1 Model Aircraft Specification Certificates

Every contestant must have a valid certificate from his national federation (specified in FAI Sporting Code, Section 4, VOLUME ABR, paragraph B.16.7.) for every model. Models without suitable marking will be marked by the organizer for \$10 USD per model.

13.2 Practice Sites

Each event will have practice site(s) available.

F2A: Site 2

F2B: Site 1

F2C: Site 6 and Site 3

F2D: Site 7

13.3 Model Aircraft Fuel

Fuel will be provided in accordance with CIAM General Rules C.13.8 Fuel for F2D will be provided by Ritch's Brerw. Fuel for F2A will be supplied by NASS.

Components that are offered are:

Methanol

Nitromethane

LPA-142: (D60 equivalent)

Jet-A1: Kerosene

Castor Oil: First pressing

Castor Oil: Maxima927

Castor Oil: Klotz Benol

Synthetic Oil: Klotz Techniplate

Diethyl Ether

Diesel Ignition Improver (DII2)

AMSOIL CETANE IMPROVER (DII3 equivalent)

F2A CONTEST FUEL 80% methanol + 20% first pressing castor oil

F2D CONTEST FUEL 80% methanol, 5% nitromethane and 15% oil
(10% Synthetic, 5% Castor)

If special fuel is required (e.g., glow fuel for F2B use), contact the organizers to make arrangements.

The Fuel Order form is available from the event website in the "Documents" section. Please visit the site for prices. Payment for fuel must accompany entry payment and must be received no later than May 31, 2024. (See Section 10.)

13.4 Shipping Batteries / Fuel for models

Batteries/Fuel 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 Office@2024CLWC.org

13.5 Visa requirements

For detailed information, please visit:

<http://www.travel.state.gov/content/travel/en/us-visas.html>

13.6 Visa Invitation letter

In order to obtain a visa, you may need a letter of invitation. If so, please contact office@2024CLWC.org with the following information for each person:

Full name as it appears on their passport

Passport Country, Number, expiration date

Date of birth in format dd/mm/yyyy

This request must come from the same authority that is responsible for the Final Entry.

13.7 Registration of the national teams

Documents to be presented at registration:

- Final 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 and banquet fees and fuel
- 2 national flags, approx 1 x 1.5 m
- National anthem on USB-Stick

Model certificates must be presented during model processing.

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

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 on site. The official website of the World Championships will be updated by the competitors' results during the whole Championships.

614 ORGANISER CONTACT DETAILS

Academy of Model Aeronautics

2024 F2 Control Line World Championship

5161 E. Memorial Drive

Muncie IN 47302

U.S.A.

AMA Website: <http://www.modelaircraft.org/>

Phone: (765) 287-1256 ext. 252

Fax: (765) 289-4248

E-mail: cpierce@modelaircraft.org

World Championships Website: <https://2024CLWC.org>