



Bulletin 1 – October 2019

2019 FAI World Drone Racing Championship Grand Final

Xiangshan, Ningbo — People's Republic of China

Wednesday 11 to Saturday 14 December 2019

Arrival Tuesday 10 December; Departure Sunday 15 December

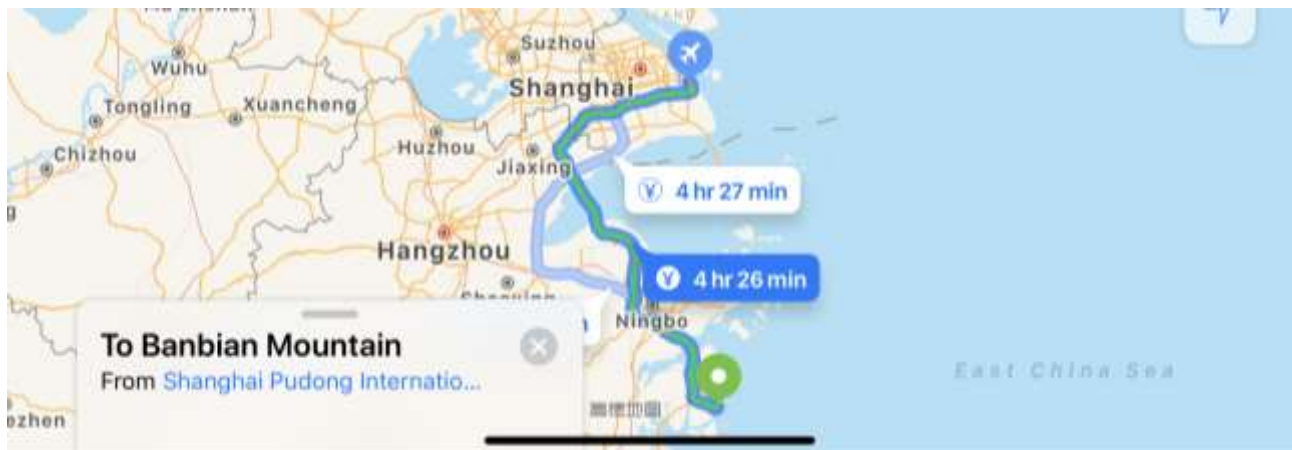
Website: www.faidroneworld.aero

ORGANISER AND LOCATION

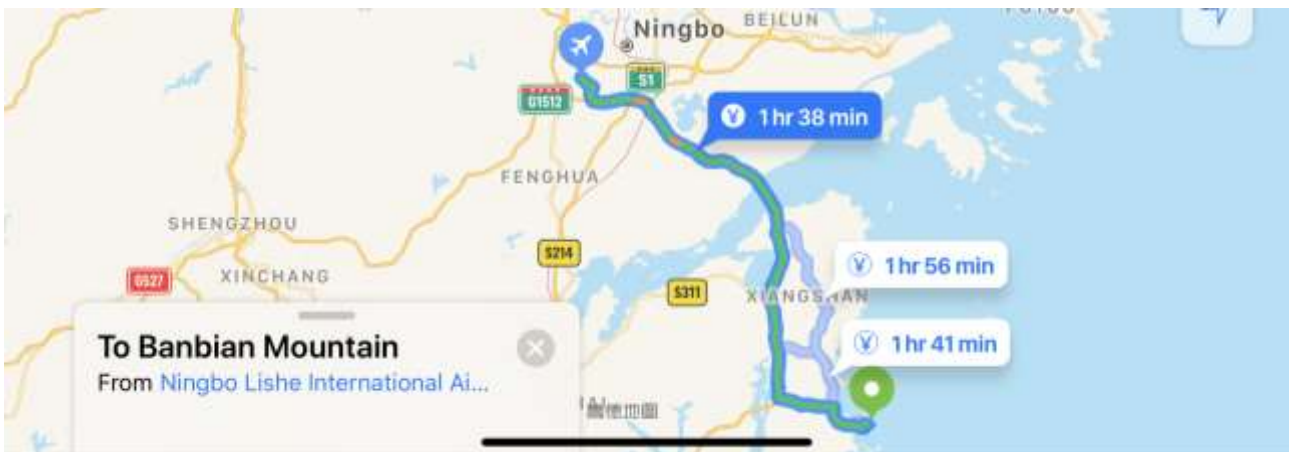
The 2019 FAI World Drone Racing Championship Grand Final (WDRC Grand Final) will take place in Xiangshan, Ningbo, China. The event is hosted by the People's Government of the Municipality of Xiangshan, Ningbo. The Aero Sports Federation of China (ASFC) is the National Airsport Control (NAC) in China.

The City of Xiangshan, which is affiliated to Ningbo, is located in Zhejiang Province, south-east of China, near Shanghai and Hangzhou.

The nearest international airport is Shanghai Pudong International Airport (PVG). The distance from the airport to the venue is 300km, with a driving time of about four and a half hours.



Ningbo Lishe International Airport (NGB) has international flights to/from mostly East and South-East Asian countries. There are frequent daily domestic flights to/from Shanghai, Beijing and many other cities. The distance from Ningbo airport to the venue is 100km, with a driving time of less than two hours. It is strongly recommended to book the air ticket to Ningbo, connection flights from Shanghai are available.



Average weather conditions in Xiangshan from 2016 to 2018

(Source: Ningbo Changguo Automatic Meteorological Station)

Year	Weather condition	Average temperature	Wind speed
2016	Clear and Chilly	10°C–14°C	7 m/s
2017		5°C–11°C	7.5 m/s
2018		7°C–9°C	7.5 m/s

Event venue: Blossom Sports Field, Banbian Mountain, Xiangshan, Ningbo

Coordinates : N 29.262051 – E 121.967784



The golf field on the left side of the picture will be used for the racing track. The football pitch will be used as the working and preparation venue.

Spectators area will be constructed between the two fields.

Under the white-topped tents on the top right, some supporting events will be organised.

SUPPORT EVENTS

Aviation Carnival

An Aviation Carnival will be organised during the WDRC Grand Final with a Drone Industry Forum and support events.

Detailed information will be provided later in a separate circular.

OFFICIAL LANGUAGES

The official languages will be English and Chinese.

English language always prevails concerning all elements of the competition, namely FAI documents, competition rules and Bulletins.

RULES

The rules for the WDRC Grand Final are based on the F9U (RC Multi-Rotor Drone Racing) class rules.

The 2019 WDRC Grand Final Sporting Rules document is available as a supporting document of the present Bulletin 1. Rules may be subject to release if necessary.

The 2019 editions of the following documents are also applicable:

- FAI Sporting Code Section 4 Aeromodelling Volume CIAM General Rules.
- FAI General Section and FAI Code of Ethics.

Electronic timing system

The organiser will supply to each competitor (for free) the eventual chips to install on the model. A refundable deposit may be requested.

Anti-doping statement

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

Protest

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

PARTICIPANTS

Individual competitors qualified from the 2019 World Cup results

The 16 best placed competitors in the 2019 Drone Racing World Cup ranking will be directly qualified to participate as individual competitors in the WDRC Grand Final.

In addition, will be also directly qualified the competitors who have been placed:

- First, second and third in the FAI Jeonju World Drone Masters hold in South Korea 1 to 3 November 2019;
- and/or first in any 2019 Drone Racing Challenger World Cup Series event subject provided that at least 40 competitors minimum have been on the official results list of the event.

Note: *Those individual competitors compete for the individual classifications (overall and where appropriate Junior and Women).*

National teams

Every NAC may enter a team consisting of:

- A team manager
- Three competitors, extended to four competitors, providing at least one is a junior (age limit 18 years in the year 2019) or female, and to a maximum of five competitors, providing at least one is a junior and one a female.
- Helpers (one maximum permitted for each competitor)
- Supporters

NACs are encouraged to consider for their national team the individual competitors from their country who will be eventually qualified from the 2019 World Cup results.

Notes:

- *The team manager may be a dedicated person or one of the competitors of the national team.*

- Any competitor may be a helper of other competitors. The team manager may also act as helper. Additional helpers may be registered, subject to a limit of one helper per competitor.
- In addition to the national team classification, every competitor of a national team also competes for the individual classifications (overall and, where appropriate, Junior and Women).

Other individual competitors

As hosting NAC, the ASFC will be entitled to issue, in addition to its national team, three individual invitations (wild cards) for competitors from People's Republic of China.

FAI may also issue invitations (wild cards) to any international drone racing league of its choice.

Those individual competitors will only compete for the individual classifications (overall and, where appropriate, Junior and Women).

FAI SPORTING LICENCE

Each team manager of any national team and competitor must possess a valid FAI Sporting Licence (Aeromodelling discipline).

Notes:

- FAI Sporting Licence is not required for helpers.
- Specific situations regarding FAI Sporting Licence of the eventual individual competitors invited by FAI will be treated case by case.
- Every FAI Sporting Licence must be registered in the FAI database.
- The holder of an FAI Sporting Licence may be required to produce an official document bearing their photograph and signature as proof of identity.

CONTEST MANAGEMENT TEAM

Contest Director: Na ZHOU (CHN)

Contest Director FAI Assistant: Chris BALLARD (AUS)

Starter: Sijia LIU (CHN)

FAI JURY

- Bruno DELOR (FRA) - President
- Massimo SEMOLI (SWI)
- Jie LYU (CHN)

JUDGES

Supervisor Judge: Sotir LAZARKOV (BUL)

Judges for preflight processing:

- Jingyu LI (CHN)
- Javier SOLER (ESP)

Judges for video recording checking:

- Fengxu HU (CHN)
- Jose Manuel MARTINEZ-IBANEZ (ESP)

Pilots' Judges (6):

- Hao XU (CHN)
- Pascal BERLU (FRA)
- Eric LI-KOO (UK)
- David M ROBERTS (USA)
- George CHAN (HKG)

- Angelika MÖBIUS (GER)

Reserve Judge:

TBC

FAI MEDALS AND DIPLOMAS

Individual classification

FAI medals and FAI diplomas will be awarded to the competitors placed first, second and third. An FAI diploma will be also awarded to their helpers.

FAI medals and FAI diplomas will be also awarded to the juniors placed first, second and third in the Junior individual classification and to the female placed first, second and third in the Women individual classification.

In order to award the title of Junior World Champion, junior competitors from at least four nations must participate.

In order to award the title of Women World Champion, female competitors from at least four nations must participate.

Team classification

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

ORGANISER AWARDS

Prizes money (cash) will be awarded by the organiser. Payment of the prize money will be made by FAI.

PRELIMINARY SCHEDULE

The competition schedule may be subject to changes. In any case, it will be necessary for public and media to combine the use of the main stadium with some support events.

Tuesday 10 December

- Arrival and registration
- Judges and other key officials briefing

Wednesday 11 December

- Model processing
- Official practice
- Team managers' meeting
- Opening Ceremony

Thursday 12 December

- Qualifying rounds

Friday 13 December

- Additional rounds
- Elimination rounds

Saturday 14 December

- End of elimination rounds
- Finals
- Prize-giving and Closing Ceremony
- Closing banquet

Sunday 15 December

- Departure

ENTRY FEES

Team Manager:	€300
Senior competitor:	€300
Junior competitor:	€150
Female competitor:	€150
Helper - Supporter:	€ 60
Banquet:	€ 30

A competitor who is also a Team Manager will only pay one entry fee of €300.

DEADLINES

Preliminary Entry form (intent to enter a team with number of competitors): 15 September 2019

On-line registration and payment of the entry fees and banquet: 15 November 2019.

Entry fees received after the deadline may be subject to a penalty fee up to 20% of the total amount of the entry fees to be paid. Entry fees will not be accepted on arrival except in exceptional circumstances and with the agreement of the organiser.

If a team or a competitor withdraws from the WDRC Grand Final after entry fees have been paid, a refund will be considered only in case of force majeure or exceptional circumstances.

Registration

The registration will be done online using eNavigator as performed in 2018.

Instructions to register online will be sent to the NAC contact person after the Preliminary Entry Form will be received.

Note: A passport photograph will be required for registration of each participant (team manager, competitor, helper and supporter).

LODGING AND FOOD

Accommodation

The organiser will take care of all room reservations; please fill in the hotel reservation form at the end of this bulletin and send to the designated email. All participants can enjoy discount room rates including breakfast, when reserved by sending the reservation form. All rooms are subject to availability, please make the reservation as earliest as possible.

The two official hotels are:

- **Ningbo Worker's Sanatorium** Four stars

Price: €60 for king bed or twin bed room per night

1.5 km from the venue, 10 minutes walking, two minutes driving.



● **Crowne Plaza Hotel – Banbian Mountain** Five stars

Price: €120 for king bed or twin bed room per night

0.3 km from the venue, three minutes walking.



Banquet

A banquet will be organised after the Prizegiving and Closing Ceremony. The price for a ticket banquet applied to a registered participant is €30, and the banquet fee is to be paid at the same time as the entry fee.

Food

On site, the organiser will provide food and drinks at reduced prices to all registered participants.

Lunch will be available for approximately €8 and dinner for approximately €12.

INSURANCE

All competitors will be covered by a limited third-party liability insurance provided by the organizer. Third-party liability insurance will cover competitors for model accidents involving injury to others and damage to property.

However, competitors are recommended to organise their own medical and travel insurance before arrival.

COMPLEMENTARY INFORMATIONS

Bulletin 2

Bulletin 2 will be published in mid-November 2019 on the website and will be also sent by email to the NACs that have returned a Preliminary Entry Form.

Local transportation

Free local transportation * will be provided by the organiser during the WDRC Grand Final between:

- Shanghai Pudong International airport and official hotels upon arrival and departure
- Ningbo Lishe International airport and official hotels upon arrival and departure
- Official Hotels and venue
- Official Hotels and closing banquet venue.

* Free local transportation from and to the airports will only be arranged for participants who send the Airport Shuttle Reservation Form to the organiser. The Airport Shuttle Reservation Form will be sent to registered team or individual pilots after final entry.

Visa requirements

A visa is required to enter the People's Republic of China. The invitation letters will be generated by eNavigator application. Participants are required to input their personal details required for the invitation letter.

The processing of the visa application is at least 2 - 3 weeks. Make sure to leave enough time for this. Please contact the Chinese Embassy / Consulate in your country for more information about documents required in advance.

Communication restrictions in the People's Republic of China

Gmail, Facebook, Youtube, Instagram and some other websites are generally inaccessible in China. In accordance with the law, the organiser will not provide connecting services.

National Team onsite registration

The team manager is requested to bring two national flags (approximately 1m x 1.5m) at the registration of its national team. They will be returned to the team manager at the end of the WDRC Grand Final.

Note: *Upload of the national anthem (.mp3 audio format) will be required at the online registration of the national team.*

At the end of the onsite registration, the team manager will receive packages (ID cards, banquet tickets, souvenirs, etc) for all the registered participants.

Batteries

Batteries may be supplied by the organiser on request. An order form for batteries (including prices) will be attached to Bulletin 2.

The national teams and the individual competitors may send their batteries to the dedicated address which will be mentioned in Bulletin 2. However, it is the competitors' responsibility to make sure that the batteries will be delivered to the dedicated address and bears the costs of the postage and custom duties that may occur.

Tour and visits

There are many nearby attractions that are easily reached by car.

More tourism information will be published on the website before the WDRC Grand Final.

Spectators and media

The site will be open to the public (tickets will be required in some areas) during the competition supporting events which will be available to experience.

A live scoring system will be used with LED displays for public information, such as live scores and temporary rankings during the competition.

Real-time images of the racing drones will be displayed on the big screen for spectators.

The organiser will ensure the best media coverage of the WDRC Grand Final.

ORGANISER CONTACT DETAILS

Aero Sports Federation of China (ASFC)

Contact person: Jie LYU (Jenny)

Email: 532231886@qq.com

Mobile phone: +86 13601298508

Local Organiser

Contact person: Wendy Zhou

Email: wendy@starmach.tv

Mobile phone: +86 18969870991/+86 18795972824

WDRC Grand Final website: www.faidroneworld.aero