



# FAI WORLD CUP JÄMI FPV OPEN 2018

JULY 21-22  
JÄMIJÄRVI, FINLAND

Information bulletin



## WELCOME TO JÄMI!

The FAI WORLD CUP JÄMI FPV OPEN 2018 race will be organised by Finnish Aeronautical Association (FAA) and FPV Finland ry at Jämijärvi Airfield.

The Jämijärvi airfield is a legendary home of Finnish aviation and currently active center of skydiving, gliders and model aviation.

Finnish Aeronautical Association (FAA) is the national and central organization of sport aviation in Finland.

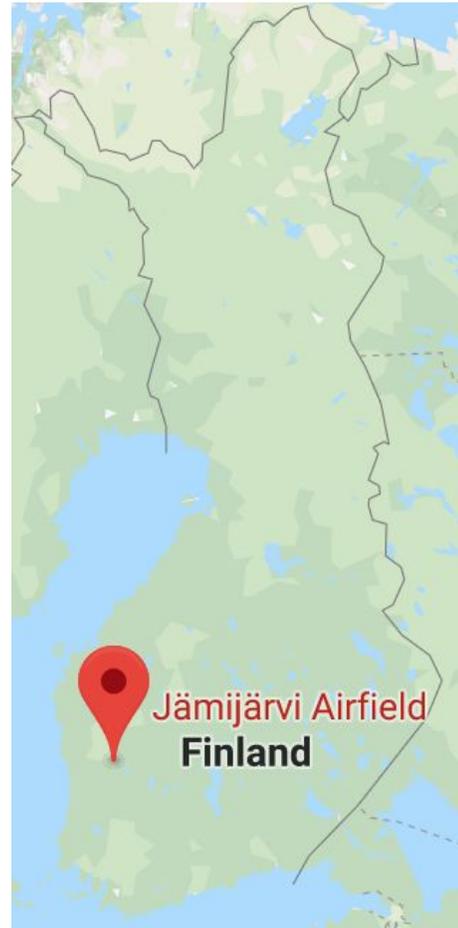
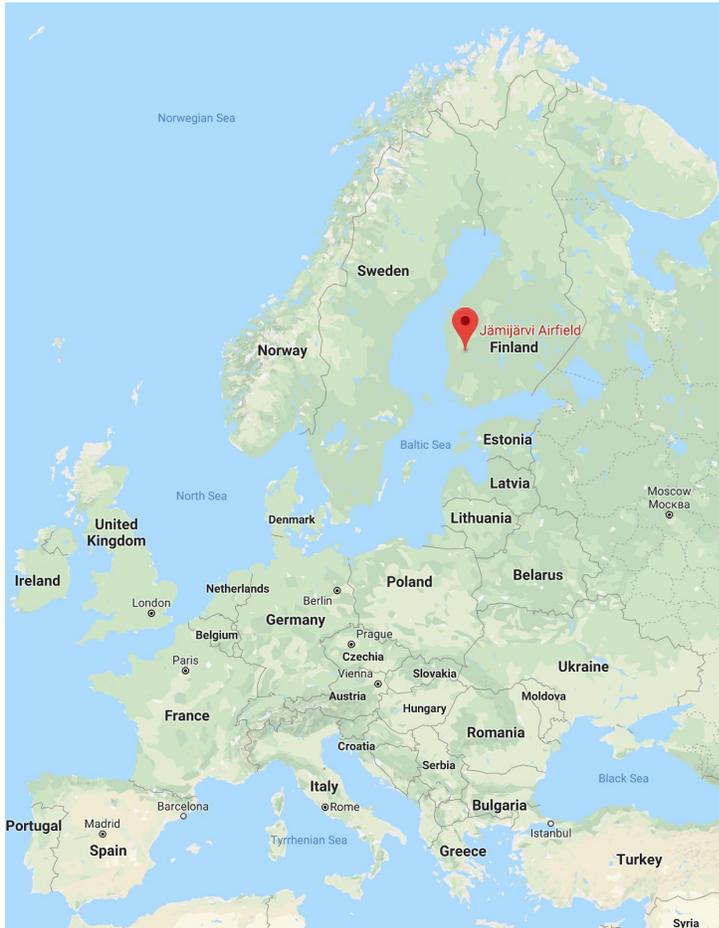
FPV Finland ry, founded 2017 and member of FAA, is an association of all FPV related sports and its members have been organising drone racing events since 2015.

Jämi FPV Open was first time organised 2017, when it was a qualifier event to ERSAs Euro Cup. The event is aimed for all FPV enthusiasts and organised in relaxed spirit. In addition to FAI World Cup, participation to the race will also reward points to Finnish national Drone Racing Cup, the Suomi Cup.

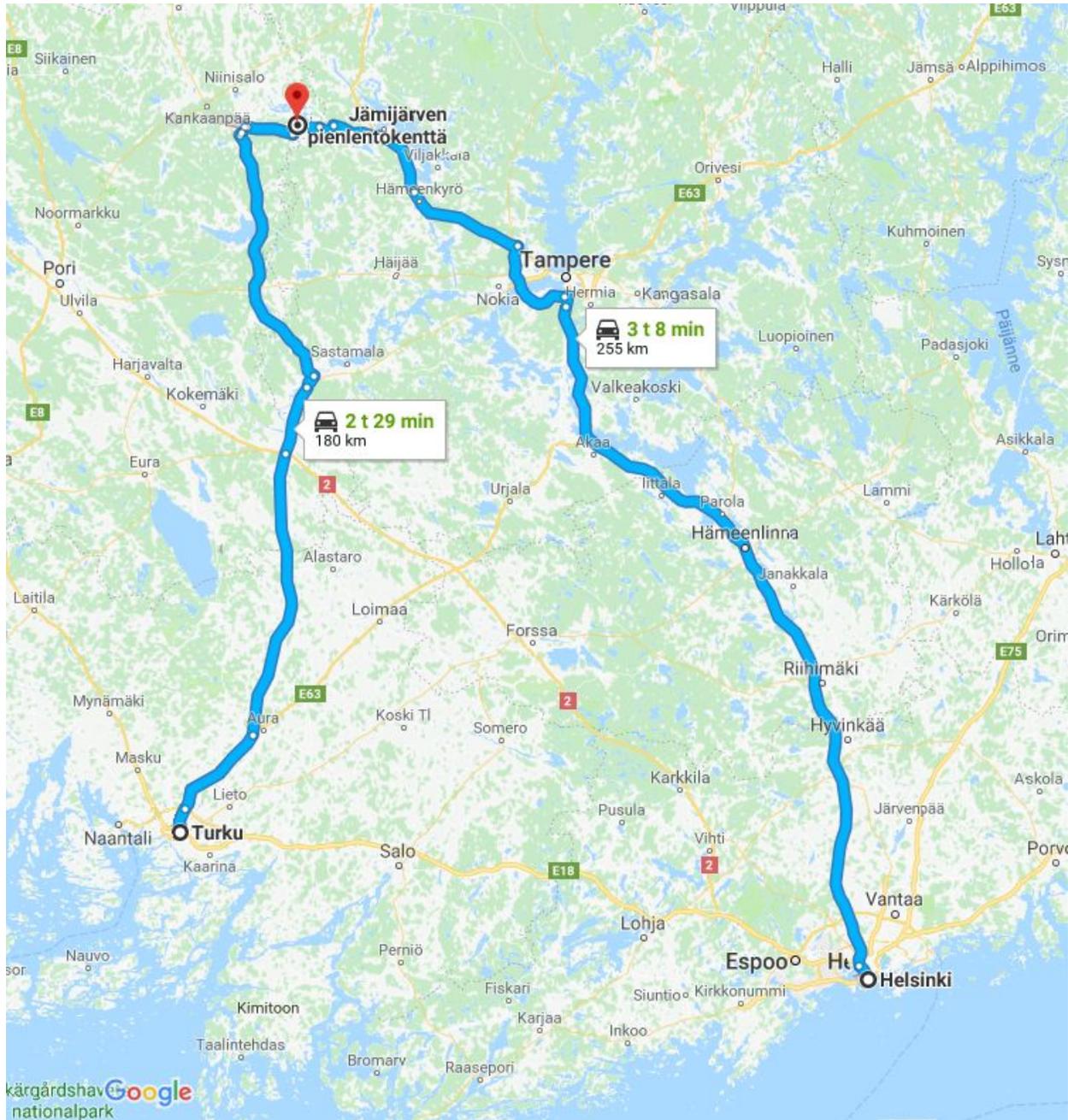
## LOCATION

The race will be held at the Jämijärvi airfield, Finland.

Address: Jämintie 659, Jämijärvi, Finland



For international competitors, the best way to get to the venue is by taking a flight to Helsinki and driving to the location by car.



## ACCOMMODATION AND FOOD

The event venue has several hotels and cottages for rent.

The competitors can contact directly the following hotels and cottage providers:

### **Jämikeskus**

Jämikeskus rents rooms from the **Hotel Reima Country Center** and **Hotel Lumihovi** which is located right next to the race site. They also have cottages for rent.

<http://www.jamikeskus.fi/majoitus>

[myynti@jamikeskus.fi](mailto:myynti@jamikeskus.fi)

+358 40 573 6120

### **Jämi myynti**

Jämi myynti rents rooms from **Lomahotelli Jämi** right next to the race site and cottages in **Perhepuisto** Familypark (approx. 1km from the race site). The cottages typically are equipped with full kitchen and sauna and can house 5-10 people.

[myynti@jamimyynti.fi](mailto:myynti@jamimyynti.fi)

+358-44-573 6510

It is recommended to book accommodation soon, July is a tourist season.

The event venue has a restaurant at the Lomahotelli Jämi and the competitors can purchase meal tickets for lunch and dinner buffet. The cottages and hotel rooms may also have option to cook own meals if preferred.

Lomahotelli Jämi also has sauna premises that are available for the competitors and event participants.

## WEATHER CONDITIONS

Finnish summer is short and usually without much snow.

Seriously though, the typical weather at Jämijärvi in July is 22° high / 11° low, with 10 days of rain.

In June the sun will be up at 4:30 am and it will set at 10:40 pm, so there is plenty of daylight.

The race site is an airfield, so during the day some wind is to be expected.

## OFFICIAL LANGUAGES

The official languages will be Finnish and English.

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

## PARTICIPANTS

Any holder of a valid FAI Sporting Licence (Aeromodelling discipline) or FAI Drone Permission may compete. The FAI Sporting Licence or FAI Drone Permission must be registered in the FAI database. The holder of a FAI Sporting Licence or FAI Drone Permission may be required to produce an official document bearing his photograph and signature as proof of identity.

## REGISTRATION

The registration happens via FPV Finland webshop: <https://holvi.com/shop/fpvfinland/>

Registration fee is **40 eur**, with discounted price of **30 eur** when registering before **1st of June** with discount code **JAMI2018EARLYBIRD**.

The registration is final upon payment of the fee.

The registration requires pilot name and FAI number.

Email and nickname are optional but recommended for contacting the pilots.

**The registration deadline is 1st of July.**

The names/nicknames of the registered pilos may be published on the event website.

## PROVISIONAL COMPETITION SCHEDULE

The following competition schedule may be subject to changes.

Friday 20.07.

- Pilot registration opens

Saturday 21.07.

- Practice
- Qualifications rounds

Sunday 22.07.

- Elimination rounds
- Finals
- Award ceremony

Details of the other event program are announced on the event website.

## RULES

The Jämi FPV Open contest concerns the F3U class (RC Multi-rotor FPV Racing).

It will be run according to:

- FAI Sporting Code Section 4 Aeromodelling Volume F3 Control Line Drone Racing (Edition effective 15 March 2018)
- FAI Sporting Code Section 4 Aeromodelling Volume CIAM General Rules.
- FAI General Section and FAI Code of Ethics.

## RADIO CONTROL EQUIPMENT

The recommended frequency band is 2.4 GHz, with maximum output power of 100mW.

Any 2.4 GHz radio control equipment may be used, provided that it does not interfere with other radio systems or video systems.

Other radio systems are allowed providing that those are within the legal limits in Finland and do not cause interference to other radio systems and the video system.

TBS Crossfire users:

Please note that the allowed power limit for crossfire in Finland is 25mW and the allowed band is 868MHz. The 915MHz band is NOT allowed.

## VIDEO SYSTEM

The allowed video system is 5.8Ghz analog video.

The maximum output power is 25mW.

Only circular polarized antennas are allowed. Linear antennas are NOT allowed.

Race organisers will offer the official video feed for the pilot from the race ground stations via 3.5mm 4-pin jack, compatible with the FatShark goggles.

Competitors are allowed to use their own video receivers but video issues when not using the official ground station video feed will not be basis for dispute or rerun of the .

The recommended video transmitters are:

- ImmersionRC Tramp
- TBS Unify
- Furious Stealth Race

Using of non-recommended video transmitters is allowed only if they do not cause problems to other competitors. The power levels and frequencies will be measured and monitored during the race and can be base for disqualifying from the race as per the FAI rules.

Competitors must be able to change the band and channel of the transmitter easily between the rounds.

## LED LIGHTING UNIT

Switchable RGB LEDs are required.

Recommend: 4 x RGB LED units per arm (8 units total), or any other setup clearly visible at night.

## ELECTRONIC TIMING SYSTEM

The race will be run using electronic timing system, based on video transmitter power measurement.

## CANCELLATION POLICY

In case of force majeure the organisers reserve the right to cancel the event.

In case the weather prevents the competition, the competition can be shortened to one day, by decision of FAI jury and the race organisers. If the weather prevents the race on both race days, the race can be cancelled entirely.

In case of bad weather conditions, the World Cup race has priority over any other activity organised within the event (like funfly and freestyle competitions).

## CONTACT INFORMATION

For any question regarding the Jämi FPV Open 2018 race, please contact: [aprepo@fpvfinland.fi](mailto:aprepo@fpvfinland.fi)

## MAPS OF THE VENUE AREA

Overall map of the airfield area



## Race Venue

