



MAZOVIA DRONE RACING

2019 FAI F9U WORLD CUP

14-15 of September 2019
Warsaw, POLAND



BEMOWSKIE
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According to the Events Calendar of the FAI and the Polish Aero Club, **Aeromodelklub** of the **Bemowskie Centrum Kultury** is the organizer of the **2019 FAI F9U Drone Racing World Cup** hosted in Poland. Mazovia Drone Racing, as the event is called, complies with the FAI sporting events' code and the Polish Aero Club's rules for organizing such events. **We estimate that between 60 pilots from 15 countries will compete in the F9U Drone Racing World Cup.**



photo: https://www.flickr.com/photos/airsports_fai/

FAI – Fédération Aéronautique Internationale (English: World Air Sports Federation). Founded in 1905 in Lousanne, Switzerland – a non-governmental organization, whose primary purpose is to validate and maintain flight and aeronautic records, as well as to issue codes and rules for various air sports disciplines. In 2016 FAI established drone racing as the new F3U class in the aeromodelling competitions. Due to this groundbreaking decision local, national and international drone racing competitions can now operate under unified regulations. 2016 also marks the first edition of the international series of the FAI Drone Racing World Cup events. The following data reveals the popularity and growth of the new sport:

2016 edition of the World Cup - 9 events, approx. 230 pilots participated,
2017 edition of the World Cup - 16 events (in 12 countries), 434 pilots participated,
2018 edition of the World Cup – 23 events (in 18 countries, one in Gdynia), approx. 670 pilots participated,
2019 edition of the World Cup – 24 events (one in Poland – Mazovia Drone Racing).



photo by Przemysław Jakubczak

About the Polish competitors:

Polish modelers and drone pilots have already managed to accomplish significant achievements on the international stage. Jan Wielgosz (a Gdańsk Aeroklub junior) had in 2018 placed **2nd** in the general classification of the FAI World Cup (competing against seniors). The ranking list included nearly 670 competitors! Janek's younger brother – **Staś Wielgosz** – is following in his brother's footsteps. He placed **20th** in the same ranking list that year.

The siblings have announced their participation in the Mazovia Drone Racing World Cup and you will be able to see them compete in September in Warsaw. They are part of the Polish National Team and will represent Poland in the **2nd** FAI World Drone Racing Championships (taking place in November 2019 in China).

How the competition works:

The competition consists of a race between quadcopter models on a designated obstacle course. The drones will be piloted using an FPV (First Person View) method using the drone's on-board camera. The drone's transmitter of the video signal is equipped with an antenna which connects to a similar device in the pilot's goggles. During international events the footage seen by the pilot is displayed on large screens for the audience to see the spectacular agility of the multicopters. MAZOVIA DRONE RACING will have this exact setup! The pilots require an uninterrupted video transmission from the drone to the goggles. Should the need arise, each drone is equipped with a safety mechanism which stops its engines and lands the device – a necessary safety measure during the competition. The competitors will race their drones through a special obstacle course attempting to set the shortest race time. The track usually consists of several gates, pylons, flags, cages and tunnels which all have to be passed through for the run to be valid. The races will be held in groups of 3-5 competitors at a time. It will be the only competition in Poland included in the FAI World Cup. The event will begin with training runs followed by the competition proper divided into 3 stages: QUALIFICATIONS – ELIMINATIONS – FINALS.

Timetable:

Saturday – 9:00 AM pilot briefing, 9:30 AM until 6:00 PM competition,

Sunday – 9:00 AM until 4:30 PM competition continued, 5:00 PM – FAI World Cup closing ceremony.



photo: https://www.flickr.com/photos/airports_fai/

The title of the 1st issue of the 2017 CIAM bi-monthly magazine *Flyer* dedicated to the new F9U drone competition reads: *“Formula 1 was Yesterday Today is all about Drone Racing”*. There is much truth in this statement. The world went crazy for drones. Flying them is becoming increasingly popular, especially among the young. It is very fortunate that the interest is met by the worldwide effort to organize events, whose participants can compete and learn about the new, improved technologies used for drone racing. Flying a tiny radio-controlled multicopter at 140 km/h through an obstacle course navigated via FPV (First Person View) goggles is becoming more popular and exciting. The events draw huge crowds and are broadcasted by large networks. The growth of the sporting discipline may signal the inception of a potentially huge new market.

We invite all fans of miniature aircraft. We have activities planned for our youngest audience members. More information about the upcoming World Cup in Warsaw will be available shortly on our website at <https://bemowskie.pl/drone2019/>.

Text: Bogdan WIERZBA

photos. Krzysztof HILBRYCHT

translation: Piotr GRUSZCZYŃSKI



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