



TDR TÜRKİYE DRONE RACE

FAI Drone Racing World Cup

Yedikule Hisarı İstanbul/ Türkiye

28/ 29 SEPTEMBER 2024

UNLEASH THE ADRENALINE!



Application:
www.thsf.org.tr/ybs_dr

Info:
www.turkiyedronerace.com



“2024 TÜRKiYE DRONE RACE” (TDR ‘24)

2024 FAI Drone Racing World Cup

Yedikule Castle, İstanbul, TÜRKiYE

Saturday 28th to Sunday 29th September, 2024

ORGANISERS : Turkish National Airsports Federation (THSF), Turkish Aeronautical Association (THK) and Futura Organisation Communication Trade LLC (Tech Drone League)

COMPETITION CLASSES : F9U - Drone Racing

COMPETITORS : Junior and Senior

RACE DATES : 28- 29 September 2024

WEBSITE : <https://www.turkiyedronerace.com>

REGISTRATION : https://www.thsf.org.tr/ybs_dr

EVENT INFORMATION

A. ORGANISER and LOCATION

TDR '24 will be co-organised by Turkish National Airsports Federation (THSF), Turkish Aeronautical Association (THK) and Futura Organisation Communication Trade LLC (Tech Drone League)

The race will be held at Yedikule Castle, İstanbul, Türkiye

İstanbul is the biggest Metropolitan city of Türkiye, located around the beautiful and historic Bosphorus. The place where 2 continents meet; Asia and Europe.

The race venue is inside an old castle, built hundreds of years ago. The location is historic and epic. Also the location is very central with good logistics and transportation options.

The organisation will provide some in-city transport facilities to the racers. (details to be announced soon)

The easiest way to travel to İstanbul is by plane. Istanbul has 2 airports. Both have metro stations and multiple transfer options. Please reach out to the organisers after registrations for details. Train trips or modern motorway travel is also possible.

Average temperature conditions in İstanbul at race dates :

Highest temperature 23 C° / Lowest temperature 16 C°)

B. RACE VENUE

The event will take place outdoors; at the Yedikule Castle, a castle which dates back to the 5th Century. The track will be partly grass with some stone and artificial portions. Detailed photos of the race venue can be observed at the dedicated website (<https://www.yedikulehisari.com/en/>) and below.

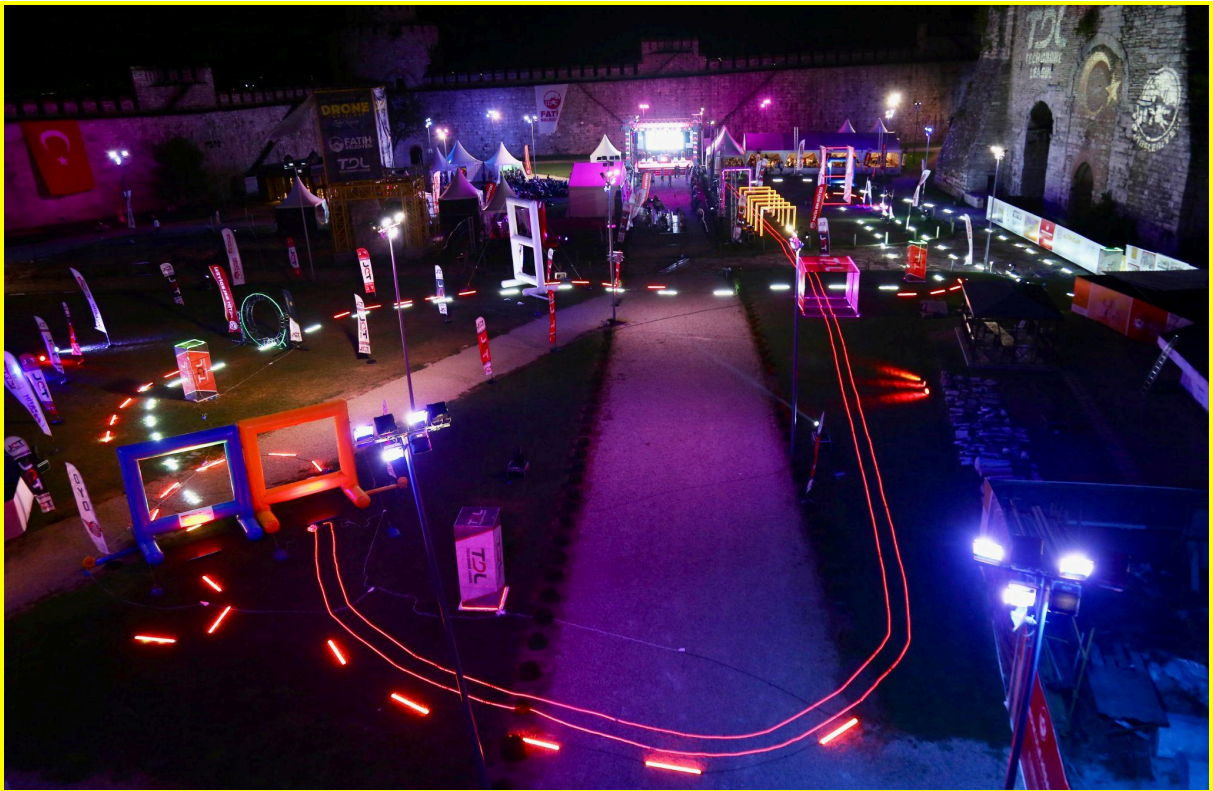
Maps : @40.9928903,28.9236359

Maps link : [📍 Yedikule Fortress](#)

Some media from previous races at the venue :

<https://www.youtube.com/watch?v=7THQglvRzHI>





C. OFFICIAL LANGUAGES

The official languages will be English and Turkish

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

D. RULES

The rules for the TDR'24 will be based on the FAI F9U (Drone Racing) class rules.

The editions of the following documents which will be effective at the date of the actual race (28-29th September 2024) will be applicable:

- FAI General Section;
- FAI Code of Ethics and FAI Disciplinary Code;
- CIAM General Rules Volume 2024 Edition - Effective 1st January 2024
- F9U Drone Sport Volume 2024 Edition - Effective 1st January 2024;
- Contents of this Bulletin.

Ethics and behaviour

In Türkiye, both considered unethical and is highly forbidden to fly any model aircraft (or UAV) whilst the operator is under drugs and/or alcohol effect.

Infringement to those rules will be subject to legal penalties and immediate disqualification from the competition.

Maintaining good behaviour for the entire time of the event is kindly requested, at the same time is necessary and mandatory.

UAV regulations

There is no specific licence requirement for drone racing locally in Türkiye. The race participation however requires active and valid FAI Sporting License or FAI Drone Permission, which will be checked online by the organiser after the registrations.

Protest

According to the CIAM General Rules Volume (paragraph C.20.2), any protest must be presented to the Event Director. The protest is then handled or arbitrated by the FAI Jury according to the FAI Sporting Code General Section paragraph 6.3. Any protest must be presented in writing and must be accompanied by the deposit of a fee of €50,00. (fifty Euros)

The deposit is returned only if the protest is upheld.

Helper

It is mandatory for every pilot to have a helper.

The helper can be anyone and will be standing near the pilot seat without FPV goggles and watching in LOS. Usage of handheld monitor is possible.

Please note; since the pilot dedicated area will be a restricted area, every pilot is allowed to bring in at most one helper, who has to be informed to the organisation in advance for security and access logistics. It is kindly requested that the pilot informs the organisation of their helper's presence and identity before the event, for security reasons. This is for non-competitor helpers only.

E. FAI SPORTING LICENCE / FAI DRONE PERMISSION

Every competitor must possess a valid FAI Sporting Licence (Aeromodelling discipline) or a FAI Drone Permission, registered in the FAI database, with a validity date exceeding the race dates, or at least 30th September. The holder of a FAI Sporting Licence or FAI Drone Permission may be required to produce an official document bearing their photograph and signature as proof of identity.

F. OFFICIALS

Note: the names may be subject to changes.

Jury

(TUR) Hikmet GÜMÜŞ - President

(BUL) Antoni GEORGIEV - Member

(CZE) David SPACEK - Member

Pilots' Judges

(TUR) Seçkin ÖĞET

(TUR) Gürkan TÜRK

(TUR) Beytullah Sefa ÖZTÜRK

(TUR) Fatih OKTEM

Contest Management

(TUR) Mustafa Güçlü ÇETİNKOL : Event Director

(GER) Christopher ROHE : Race Director

(GER) Ümit Bayram DEĞİRMENCİOĞLU : Starter

Prelight processing:

(TUR) Local Volunteers

G. RACE MANAGEMENT

Timing system, Track design, Track handling, will be taken in care by Christopher ROHE (GER) Mustafa Güçlü ÇETİNKOL (TUR) and Ümit Bayram DEĞİRMENCİOĞLU (GER)

H. TIMING AND RESULTS

The race will be run on Livetime software and live web results will be available both on site and online.

Link of the event will be published on raceday on the event website.

I. RACE TRACK

Official version of the racetrack will be published prior to the event on Velocidrone Simulation.

The track will be composed of metal, inflated and wooden structured gates as well as natural (in site) obstacles.

J. RACE FORMAT

Race format will follow "FAI SCENARIO B - 32" competitors selected from the qualification stage.

"Double Elimination" of the document "F9U Drone Sport Volume 2024 Edition - Effective 1st January 2024".

The final stage will be done with successive final races according to F9U FAI class rules paragraph C.6.5.3 ('Chase the Ace')

K. QUALIFICATION

Qualification will be run according to F9U FAI class rules paragraph C.6.5.3.

Every qualifying round will be run with 3 consecutive laps to complete and 3 minutes flight time allowed for that. When the competitor has completed 3 laps or when the flight time allowed is over, he/she must land the model.

The number of planned Qualification rounds for Day#1 is 6 and Day#2 is 2

The best 3 consecutive laps in each heat will count in the qualification ranking.

The best 32 pilots will be eligible for the eliminations phase.

L. LED LIGHT

Usage of LED light on UAVs is mandatory. There is no fixed minimal requirement for LED installation. The UAV “should be visible” to other pilots behind and below especially. Night racing is currently in the works and it may be possible some qualification and elimination rounds will be run at nighttime. The track will have enough lighting to allow night flight. The pilots are kindly requested to install RGB LED's to offer control and good views for the bystanders. The colour will be assigned based on video frequency.

M. VIDEO SYSTEMS

The allowed video systems are Analog and HDZero with maximum power 25mW.

If you are on analog please use a good brand video transmitter and antennas.

Infringement to maximum power rules may be subject to disqualification of effected UAV

N. ANTENNA POLARISATION

The allowed antennas are RHCP polarisation and Linear Dipole only.

LHCP is NOT allowed. Please use a good brand antenna and in a good shape.

O. RADIO

The allowed radio transmission systems are any 2.4GHz with maximum power of 25mW

Any 868mHz systems with maximum power of 25mW. Race mode when possible

P. ORGANIZATION AWARDS

Trophies will be awarded by the organisation to the competitors placed first, second

third and fourth in each individual classification (Women - Junior - Overall).

Q. FINALS

For the FAI Drone Racing World Cup ranking, only overall final will be officially recognized for points assignment; however, the organisation will also run Women final and Junior final which are “just for fun” with trophies.

To run the Women Final, female competitors must be at least four. It will be a single final and composed of the first four female pilots from the overall qualification results.

To run the Junior Final, junior competitors must be at least four. It will be a single final and composed of the first four junior pilots from the overall qualification results.

R. EVENT SCHEDULE

- Please note, the daily competition schedule may be subject to changes and it will be announced if any change is made prior to the event. The initial dates however, are fixed.

Saturday 28th September

- 8:00 - Arrival of guests;
- 8:00 to 8:30 - Model processing by officials;
- 8:30 to 9:00 - Briefing & Track Walk;
- 9:00 to 13:30 - Qualifying rounds;
- 13:30 to 14:00 - Break
- 14:00 to 19:00 - Qualifying rounds;

Sunday 29th September

- 8:00 to 10:00 - Qualifying rounds;
- 10:30 to 15:30 - Elimination rounds for top 32 pilots, double elimination format;
- 16:00 to 16:30 - Finals: Women, Junior, Overall
- 17:30 - Prize award and ceremony.

S. ENTRY CONTRIBUTION

To enter the competition there is a contribution of minimum 50€

If a competitor withdraws after registration has been confirmed, a refund will be considered only in case of force majeure or exceptional circumstances.

Payments are kindly requested to be paid by money transfer on behalf of the following account :

Account holder : Futura Organizasyon iletisim Tic Ltd Sti

IBAN: TR32 0011 1000 0000 0068 9814 82 (€ / Euro account)

Bank Name : QNB Finansbank

SWIFT code : FNNBTRISXXX

T. DEADLINE - PILOT REGISTRATION

Registration cap : 30 pilots minimum, 70 registrants maximum (with a wait list after registrations hit 70 pilots)

On-line registration deadline : 23rd September 2024 (unless the registration cap is reached prior to this date, the registrations will close 23:59 hours on 23/09/2024)

After this date no more pilot registrations will be accepted.

Registration link : https://www.thsf.org.tr/ybs_dr

U. FOOD

The organiser offers free snacks for lunch at the racetrack. There is also a local buffet at the track site.

V. ACCOMMODATION

- 1) The organisation has complimentary discounted pricings from the following hotel :

“The Greenpark Hotel Merter”

<https://www.thegreenparkmerter.com>

<https://maps.app.goo.gl/dcJPKHHW3dGqv246A>

All info will be shared in the contestant watsapp community after the registrations. There will be free shuttle service from this hotel to the race venue on race days.

- 2) Alternate hotel also close to the racetrack (without discount and prices subject to personal negotiation)

“Hampton By Hilton İstanbul Zeytinburnu”

<https://maps.app.goo.gl/WonfpuDf9xRycSU58>

X. COMPLEMENTARY INFORMATIONS

National flag

One competitor for each nation is requested to bring one national flag (approximately 1m x 1.5m) to be hung in the field. The flags will be returned after the event.

Pass cards

At the end of the model processing, each competitor and helper will receive a pass card which must always be with them.

Spectators

The venue will be open to the public.

Stream

A live scoring system will be used and live streaming with live comment will be done via YouTube channel (To be announced).

Media Promotional Channels

The organisation will ensure the best media coverage of the TDR '24

Outdoor : Fatih Municipality billboards and venue banners, flags

Audiovisual media : Commercial spots and interviews on media sponsors (Acun Media, TV8, 1 hour TV Program broadcast on TV8,5 Channel)

Social Media : influencer, blogger posts and commercials

Youtube : THSF and Tech Drone League channels' livestreams

Web : FAI, THSF, Tech Drone League and Fatih Municipality websites

Press Coverage : Press bulletin release, press conference, national media invitations and interviews

Y. Drone Soccer

Drone Soccer, The World's newest and most innovative sport, will meet the audience at TDR'24

In the Drone Soccer Event organized by "Drone Soccer Türkiye", the participants will be given the experience of using drone balls, while drone soccer teams in Turkey will play friendly matches.

Z. LOCAL CONTACT DETAILS

Name: Mr. CAN TAYFUN (Organiser)

EMAIL : tayfuncan65@gmail.com

Phone No : +90 530 666 77 66

Name : Mr. GÜÇLÜ ÇETİNKOL (Event Director)

EMAIL : armanthor@gmail.com

Phone No : +90 532 580 40 46

Name : Mr. HİKMET GÜMÜŞ (Jury President)

EMAIL : gumush@gmail.com

Phone No : +90 530 938 83 83

Emergency National Number

For any kind of emergency (eg. medical, fire, etc.) the official national number is : "112"

Website

TDR '24 website: <https://www.turkiyedronerace.com>