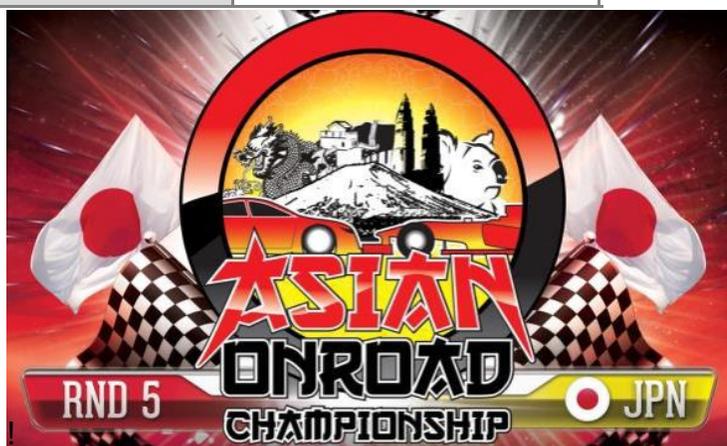


## 2018 AOC Round 5 at Yatabe Arena, Japan

Date	Oct. 12 - 14, 2018
Venue	Yatabe Arena
Address	4385-2 Midorigaoka Tsukuba city Ibaraki 305-0863 Japan
Telephone	+81-29-836-0914
E-mail	<a href="mailto:info@yatabearena.com">info@yatabearena.com</a>
Website	<a href="http://www.yatabearena">http://www.yatabearena</a>



### **IMPORTANT NOTE**

**We have block of rooms on hold for the AOC at Mark-1 Hotel, but those rooms will only be on hold up to S 22th. Beyond that date, we can no longer be certain that rooms will be available.**

**Also, we have arranged shuttle bus transportation between the Mark-1 Hotel and Yatabe Arena during the AOC. Please refer to the "Shuttle Bus between Mark-1 Hotel and Yatabe Arena" section for what is required (such as fees and expected rides) to ride the shuttle bus.**

Yatabe Arena is easily accessible from Narita Airport, Haneda Airport or Ibaraki Airport via Tsukuba Center by multiple forms of transportation including car, train and bus. The Mark-1 hotel is conveniently located near public transportation stations.

### **Entry Fee**

- 8,000 yen for 3 days entry (Touring modified/Touring 13.5T/Touring 17.5T blinky, including 1 set of controlled tire)
- 6,000 yen for 3 days entry (1/12 racing modified)
- 6,000 yen for 2 days entry(Touring 17.5T/F1 Rubber tire class, including 1 set of controlled tire)
- 4,000 yen for 2 days entry(1/12Racing 21.5T class)

\*Multiple class entry is allowed but up to 3 category.

\* Transponders are available for rental for 540 yen per class.

**Entry fees are to be paid at the Yatabe Arena shop.**

## Event Schedule

12 <sup>th</sup> (Fri)  DAY1	7:00 open 19:00 close	8:30~ Practice by heat (only for Day1 drivers)  12:00 Race start	Qualify 2 round	18:00 Race finish
13 <sup>th</sup> (Sat)  DAY2	6:30 open 21:00 close	7:30 Drivers Meeting  8:00 Race start	Qualify 2 ~ 3 Rd←DAY2 class  Qualify 2 ~ 3 Rd←DAY1class	20:00 Race finish
14 <sup>th</sup> (Sun) )  DAY3	6:30 open 19:00 close	8:00 Qualify round  12:00 Final round	Qualify 1Rd←DAY1· 2 class All final, Double A main	17:30 ceremony

**Note: AOC drivers who want to use Yatabe Arena on days other than Nov. 12.13.14 will be required to pay the regular track usage fee.**

## classes and Regulations

1. Touring Stock 17.5T Boost (controlled tires) **2DAYS**
2. Touring Super Stock 13.5T Boost (controlled tires) **3DAYS**
3. Touring Modified (controlled tires) **3DAYS**
4. F-1 Rubber Tires 21.5T Blinky (controlled tires) **2DAYS**
5. 1/12 Stock 21.5T (Blinky, open foam) **2DAYS**
6. 1/12 Modified **3DAYS**
7. Touring Stock 17.5T Blinky (controlled tires) **3DAYS**

\* Up to dual entry is allowed.

## Regulations

Results for Qualifying and Final rounds will be determined by points.  
All finals for each main, but A-main will be 2 finals.

## Touring Classes

5 minutes per heat for qualifying and final rounds.

All cars in the Touring car classes must satisfy the following:

Chassis	1/10 scale touring car
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Tires	Sweep SQT-28PGL (controlled tires; 1 set will be provided)			
Body	Commercially available 190 mm width, 4-door sedan			
Ride height	5mm or higher (at time of inspection)			
	Motor	ESC	Minimum weight	Other notes
Touring Stock 17.5 boost	17.5 T brushless	Boost allowed	1,350 g	
Touring Super stock13.5	13.5 T brushless	Boost allowed	1,350 g	
Touring Modified	No restrictions	Boost allowed	1,350 g	
Touring Stock 17.5 blinky	17.5 T brushless	Non-boost, zero timing (settings must be verifiable from LED indicators)	1,350 g	

Additional notes:

- All motors must be on the JMRCA approved motor list.
- Car weight will be checked at time of inspection.

### **F-1 Rubber Tires Class**

5 minutes per heat for qualifying and final rounds.

Gyro is not allowed.

Chassis	1/10 scale formula car (direct drive)
Battery	Li-Po 7.4V /HV 7.6V
Motor	21.5T brushless ( JMRCA approved only)
ESC	Non-boost, zero timing (settings must be verifiable from LED indicators)
Tires	Sweep front tire SW-F1FMPG rear tire SW-F1R28PG (controlled tires; 1 set will be provided)
Max. car width	190mm
Min. ride height	3 mm
Min. weight	1050 g

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### **1/12 Classes**

8 minutes per heat for qualifying and final rounds.

- 1/12 Stock 21.5 (blinky, open foam)

- Chassis: 1/12 scale racing car (direct drive)
  - Motor: 21.5T brushless ( JMRCA approved only)
  - Car height: 730g or more, Ride height: 3mm or higher. (At time of inspection)
  - ESC: Non-boost, zero timing (settings must be verifiable from LED indicators)
- 1/12 Modified
    - Chassis: 1/12 scale racing car (direct drive)
    - Motor: no restrictions
    - Car height: 730g or more, Ride height: 3mm or higher. (At time of inspection)

### **Battery Regulations**

	Battery type	Max voltage
Touring (all) F-1, 1/12 Stock 21.5T	hard case 7.4 V LiPo 2S HV 2S 7.6V	8.4 V or lower
1/12 Modified	hard case 3.6 V LiPo 1S HV 1S 3.7V	4.2 V or lower

- Battery voltage and temperature will be checked during the technical inspection.
- The battery being used at the competition shall be identify it's product name, the voltage and the capacity on the decal which has put at the time of manufactures shipment  
In case of detached decal, or impossible to identify the product specs, it will not be allowed to use at the competition.

### **Motor Regulations**

Only JMRCA approved motors are allowed to use on 17.5T/13.5T/21.5T motors at the event of AOC Japan.  
The resistance measurement for each spec motor will be made in accordance with JMRCA regulation.  
After the measurement, approved motor will be shielded by the label until the end of the event.  
Only labeled motor is available for use at the race track.

### **Tire Additives**

**\*Available to use Coraly TC-2Plus / Trinitty Sticky Finger / Prochemi Funny grip**

- The only permitted additives are Corally TC-2 Plus and Trinity Sticky Fingers (made in Japan) Prochemi Funny Grip, which will be available to all racers at the designated tire saucing stations. The use of any other additive is prohibited
- The use of motor spray to clean the tires is permitted.
- Infractions will result in a penalty, to be determined by the race director.

### **Tire Warmers**

The use of tire warmers is permitted, and due to the cooler temperatures that can be expected around the time of the event, it is actually recommended that you bring tire warmers.

**City and Facility Information**

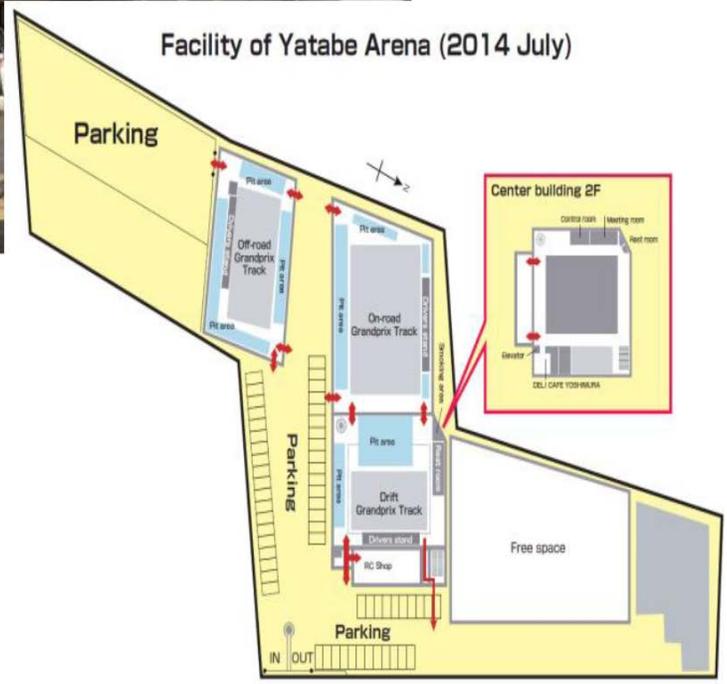
**YATABE ARENA**



Yatabe Arena is a R/C car facility with indoor on-road, off-road and drift tracks and will be the host for the IFMAR 1/10th EP Offroad World Championships in 2016, the second time in its 27 year history.

### Tracks

- Offroad Grand Prix track (artificial turf)
- On-road Grand Prix track (carpet)
- Drift Grand Prix track (asphalt)
- Drift Carpet track (2nd floor)



### Facilities

- There are pit tables and chairs for each track.
- The Center Building facilities:
  - Cafe which serves light meals and beverages
  - Fully-stocked RC Pro shop
  - Room for children and family
  - Community room
  - Wooden deck where one can rest and enjoy meals
  - Elevator for accessing the second floor
  - Spacious and clean toilets, and accessible toilet for people with disabilities
- Race Control Room for On-road and Off-road tracks
- Four parking lots to accommodate large events.

### Onroad Grand Prix Track



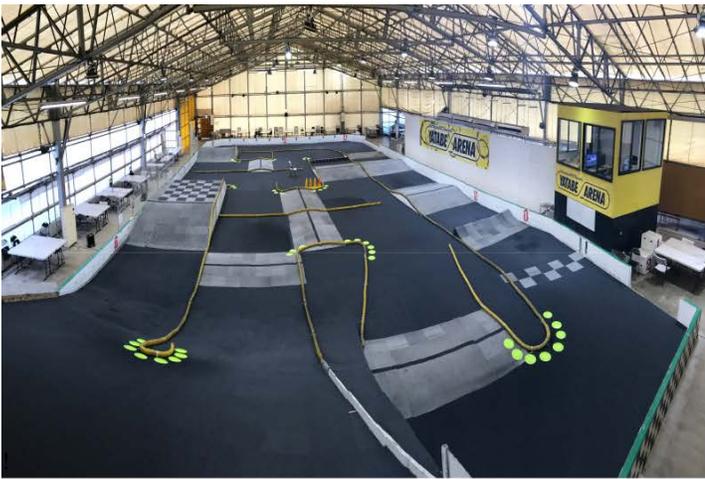
### Drift Track (2F), Yatabe Arena Pit Shop, Wooden Deck (2F)



Drift Grand Prix Track (CenterBuilding)



OffroadGrand Prix Track, Yatabe Arena Staff



## Contact Information

Address	4385-2 Midorigaoka, Tsukuba city, Ibaraki 305-0863, Japan
Telephone	+81-29-836-0914
E-mail	<a href="mailto:info@yatabearena.com">info@yatabearena.com</a>
Website	<a href="http://www.yatabearena.com/">http://www.yatabearena.com/</a>

When using a car with a navigation system to reach Yatabe Arena, please set the destination to 36°00' 44.70" N, 140°05'07.33" E (JDG). The car navigation system will consider the traffic conditions to lead you on the most optimal journey.

Japan uses left-hand traffic which the same as the U.K. and Australia. Participants from countries which follow right-hand traffic should exercise caution when driving.

If you're involved in a traffic accident, call "110", the emergency response number in Japan.

## Hotel Information

There are 3 hotels at Kenkyu Gakuen  
3 minute walk from Kenkyu-gakuen station (Tsukuba Express).  
15 minutes to Yatabe Arena by car.

**Mark 1 hotel** [http://www.mark-1.jp/tsukuba/index\\_english.html](http://www.mark-1.jp/tsukuba/index_english.html)

**Toyoko Inn** <https://www.toyoko-inn.com/eng/search/detail/00228/>

**Best Land** [https://advance.reservation.jp/hotel-bestland/stay\\_pc/rsv/index.aspx?hi\\_id=1&lang=en-US](https://advance.reservation.jp/hotel-bestland/stay_pc/rsv/index.aspx?hi_id=1&lang=en-US)

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Please make reservation as your own preference.

In case if you will be in problem in communication with the hotel, please send an  
To facilitate the dispatch of adequate number of buses, please send an e-mail to [info@yatabearena](mailto:info@yatabearena).



## Directions to Yatabe Arena

### New Tokyo International Airport (Narita Airport)

<http://www.narita-airport.jp/en/index.html>

Located about 56.8 km from Narita Airport, Yatabe Arena is about 70 minutes by car.



### Google Map Directions

<https://goo.gl/maps/yqoYi>

### Car Rental

Various car rentals are available at Narita Airport.

<https://www.airportrentals.com/japan/tokyo-narita-airport-car-rental>

Please ask an information attendant for directions to a rental car company.

When using a rental car, please use the car navigation – it will be much easier to reach Yatabe Arena using the car navigation system.

If the rental car's navigation system does not support English, please ask an attendant to enter the address of Yatabe Arena for the destination.

### Public Transportation

Public transportation options are also available.

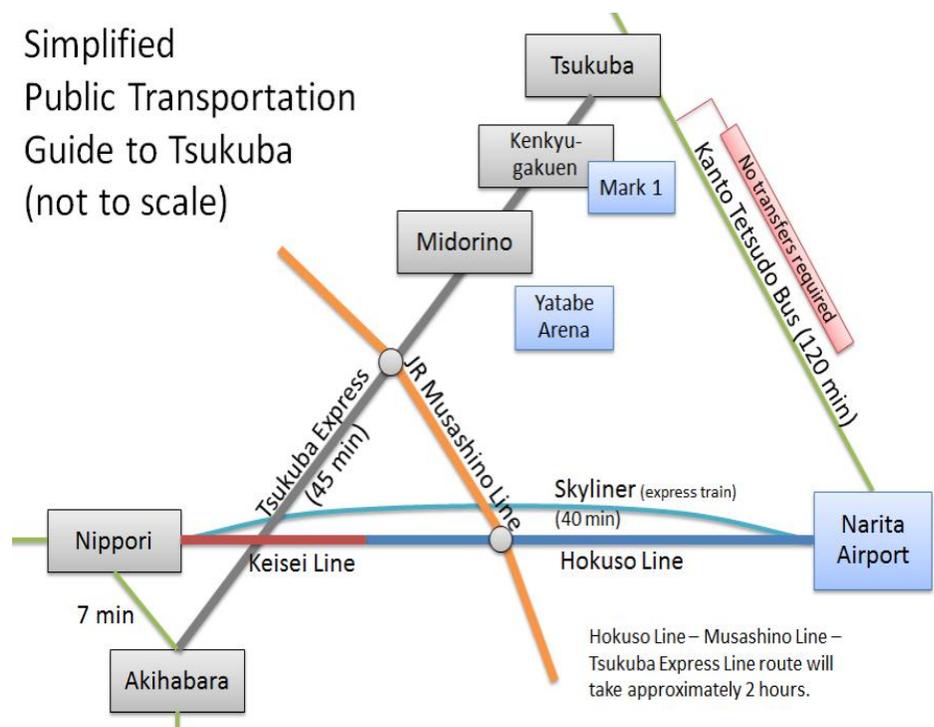
The closest train station to Yatabe Arena is the "Midorino" station on the [Tsukuba Express](#) line.

"Kenkyu-gakuen" station is the closest station to the Mark 1 hotel.

Buses from Narita Airport to the Tsukuba Center in downtown Tsukuba is available as well.

The "Tsukuba" station of the Tsukuba Express line is located in the Tsukuba Center

### Simplified Public Transportation Guide to Tsukuba (not to scale)



### Train to Midorino Station

Ø Yatabe Arena is 4.7km, 7 minutes by car, or about 1,700 yen by taxi from Midorino Station.

Ø Midorino Station can be reached via Skyliner and Tsukuba Express Narita Airport ~ Ueno (Skyliner) ~ Akihabara (JR Line) ~ Midorino (Tsukuba Express)

### Bus to the Tsukuba Center

Ø Yatabe Arena is 10.6km, 19 minutes by car, or about 5,000 yen by taxi from Tsukuba Center..

Ø Tsukuba Center can be reached by highway bus from Narita Airport (2,600 yen).

### Train to Tsukuba Station

Ø Tsukuba Center and the Tsukuba Station is only a 2 minute walk away.

## Tokyo International Airport (Haneda Airport)

<http://www.tokyo-airport-bldg.co.jp/en/>

Located about 73 km from Haneda Airport, Yatabe Arena is about 70 minutes by car.

Google Map Directions

<https://goo.gl/maps/FE89Q>



## Car Rental

Various car rentals are available at Haneda Airport

<https://www.airportrentals.com/japan/tokyo-haneda-airport-car-rental>

Please ask an information attendant for directions to a rental car company. Especially if you arrive at Haneda airport after

When using a rental car, please use the car navigation, as the route will require travel on multiple highways through central Tokyo – it will be much easier to reach Yatabe Arena using the car navigation system.

If the rental car's navigation system does not support English, please ask an attendant to enter the address of Yatabe Arena for the destination.

## Public Transportation

Public transportation options are also available.

The closest train station to Yatabe Arena is the

"Midorino" station on the [Tsukuba Express](#) line.

"Kenkyu-gakuen" station is the closest station to the Mark 1 hotel.

Buses from Narita Airport to the Tsukuba Center in downtown Tsukuba is available as well.

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Express line is located in the Tsukuba Center.

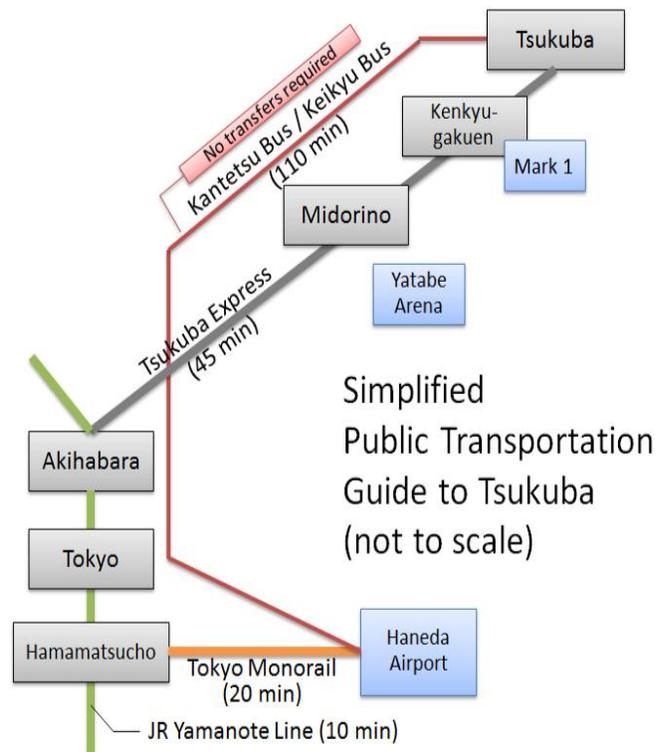
### Train to Midorino Station

Ø Yatabe Arena is 4.7km, 7 minutes by car, or about 1,700 yen by taxi from Midorino Station.

### Bus to the Tsukuba Center

Ø Yatabe Arena is 10.6km, 19 minutes by car, or about 3,000 yen by taxi from Tsukuba Center.  
Ø Tsukuba Center can be reached by highway bus from Haneda Airport (1,850 yen).

### Train to Tsukuba Station



Ø Tsukuba Center and the Tsukuba Station is only a 2 minute walk away

## Ibaraki Airport

<http://www.ibaraki-airport.net/>



Located about 45 km from Ibaraki Airport, Yatabe Arena is about 50 minutes by car. There is a bus service to Tsukuba Center, along with rental car and taxi service.