

2020 - EFRA 1/10th Off-Road Electric, European Championships.

June 29th. – July 4th.

Nottinghamshire, England

www.robinhoodraceway.com

Stage 1 Report.

EFRA International Race (Warm-Up) – May 8- 10.



THE 2020 EUROPEAN CHAMPIONSHIPS WILL USE -- THE 'ASTROTURF' TRACK

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1. INTRODUCTION:

Robin Hood Raceway is located centrally within the UK and has excellent access from the road, train and air networks. The site has been in use for Off-Road Model Car racing since 1989. It consists of a 1,100 square metre Astroturf track and a 900 square metre pure blue clay track. The 4.5 acre site offers a large flat grass area suitable for car parking, camping and caravans or motor homes. Permanent race controls, storage, toilet facilities, rostrums, grandstands, permanent 4000sq/ft building for pitting with mains power and Astroturf floor for winter racing and café, also in place for the 2020 EC will be an additional 1600sq/ft pitting overflow marquee.

Robin Hood Raceway/RHRDirt is run in partnership with York Off-Road Car Club, a popular, long established club with highly experienced members. We have successfully staged the UK's biggest 1/10th. Off-Road meetings over the last few years including BRCA Nationals, oOple.com races and the 2015 EFRA European Championships.

A dedicated, comprehensive website has been created for provide all required information and necessary contacts for the event:- www.european Championships.co.uk

2. LOCATION:

Location of Robin Hood Raceway -- Marked (A)



Robin Hood Raceway address's:

Location geographical:

Robin Hood Raceway
Blyth
Retford
Nottinghamshire
S81 8EU. UK

The postal address is:

C/O James Helliwell
Moat Farm
Torworth
Retford
Nottinghamshire
DN22 8NX. UK

Further details for getting to the venue by car, train and plane are given in the "Travel" section 16.

3. CLUB CONTACTS:

Site Owner: James Helliwell. james@helliwells.com +44 (0)7768041878
Club Chairman: Ben Riley +44 (0)7985577661
Club Treasurer: Jerry Ibbotson jerry.ibbotson@gmail.com

The international dialing code for the UK is +44.

4. EMERGENCIES:

Registered first-aid persons will be onsite and first aid kits are available in race control.
There is an accident and emergency hospital 6 miles (9.6 km.) away.
Kilton Hill, Worksop, Nottinghamshire, S81 0BD. Tel: 01909 500990.

Sand buckets, fire extinguishers, fireproof gloves are at all building entrances.

5. TYRES:

The Controlled Tyre for the 2020 EC will be:- Schumacher Mini-Dart on all driven axles.
The Controlled Tyre Insert will be:- Cragg Racing Euros Insert.
Tyres and Inserts for all: Controlled Practice, Qualifying and Finals have to be purchased at the event. These will be available at the event.

Control Tyres & Inserts :-

2WD & 4WD Rear Tyre -- Schumacher Mini-Dart - Yellow compound - # U6826
2WD & 4WD Rear Insert -- Cragg Racing Rear Insert - # MC0005
4WD Front Tyre -- Schumacher Mini-Dart - Yellow compound - # U6825
4WD Front Insert -- Cragg Racing 4WD Front Insert - # MC0004

Any commercially available Tyre can be used on 2WD Front. Recommended 2WD Front Tyres are:-
Schumacher Low profile Cut Stagger - # U6770.
Schumacher Low Profile Non-Cut Stagger - # U6592.

(Supplies of these 2WD tyres will be available at the event, to cover the majority of competitors).

6. THE TRACK:

The surface is a mesh Astroturf with sand infill. It is considered to be medium to high traction in the dry and has one of the best traction levels of an Astroturf track in the UK in the wet.
The track's internal dimensions are 45m x 25m. The straight is on the opposite side to the rostrum. The rest of the layout includes: small jumps, sweeping corners, tight corners, 'step-up' style jumps, tabletops, 'bombhole', elevation changes. Overall, a good mix of features with total visibility. The track complies with EFRA rules at minimum of 3m wide in all areas, with a flowing layout for good racing and passing opportunities. The track internal markers are white piping with carpeted infield for a better contrast, apex markers are white concrete kerbs which cannot be 'cut'.
Lap times of best drivers when the track is at its fastest in the dry is 23 seconds.



The track is surrounded by Astroturf walkways with steel personnel barriers, plus steel mesh catch fencing. Spectator viewing is possible on all sides. We have 4 x 50 capacity aluminium tiered seating totaling 200 seats.

A video showing an active race on the track can be found on youtube at this address:
http://www.youtube.com/watch?v=h7c_LqXjNpU



6.1. RAIN CONTINGENCY:

The low areas of the track have inbuilt sumps and drainage channels. These can be pumped-out with 4 pumps in a matter of minutes. The underlying surface is sandy and free draining. We also have specialist products such as the 'magic sponge'; a large foam roller device which is used for drying professional sports pitches. The track as a general rule dries quickly.

7. ROSTRUM:

The rostrum is 10m wide, 1.5m deep, 2.3m high at foot height. It has a rear sloping roof with guttering. There are shelves for general use to the rear. It has permanent power with dedicated speakers and network points behind the drivers. Access is via two sets of steps to the rear, one up and one down. The track is also floodlit from the roof of the rostrum.



Photo taken 5/8/17

8. PITTING:



A 25m x 14m steel structure building with all necessary 240v UK 3 pin power and lighting is a permanent fixture for pitting. In addition, there will also be a large marquee of 150 sq.m adjacent to the building for overflow of any pitting required. There is adequate space, with at least 1m x 1m table space per. person with one chair and one power point. We will look to double this to 1.8m and 2 chairs per. competitor if possible. An acoustic backup generator will be used for power supply, to eliminate the risk of poor 'third party' wiring tripping any important electricity supplies. Competitors will be able to unload their vehicles adjacent to the pitting building/marquee.



Photo taken of larger marquee at 2015 EC.

9. RACE CONTROL:

A permanent Race Control is situated to the right of the rostrum with dedicated power, speaker points, large windows, toilet, kitchen, network and coaxial connections for the timing loop. The timing loop is positioned in front of race control.

The unit is 8m x 2.5m x 2.6m. It has windows on all sides and a clear view of the track and rostrum. We find race control works well adjacent to the rostrum as race control personnel can see drivers and referees clearly and be in verbal and visual communication if required.

The building has all the necessary public address system, network, power and facilities to 'control' the site from a central point, the speaker systems are subdivided so that; pits, track, rostrum and public can be addressed separately.

The timing system is backed up by a professional UPS power backup.

10. SCRUTINEERING (Tech.):

There will be a dedicated, conveniently located undercover area with tables and chairs adjacent to the track for Tech. or possibly in the permanent building. This will house the tyre glueing area and control area for tyres. Tyres will also be purchased here.

11. TRANSMITTER COMPOUND:

Whilst not used in recent years, a transmitter compound will be provided if required.

12. MARSHALLING:

The Club can provide stand-by marshals for any competitors with disablement, or any Heats/Finals that do not have the full number of drivers. This would also include the Practice Rounds.

Marshal points around the track will be located in safe positions and will not obstruct vision from the rostrum. We aim to prevent one marshal having to cover 2 lanes to retrieve cars. Marshal points on high speed sections have 2 sided steel guards.

13. NETWORK ACCESS:

The site is covered by a wireless access point for live results, plus monitors showing results in an elevated position in the pits.

14. MEDIA:

An undercover media centre marquee with tables, chairs and power will be available. An elevated steel platform adjacent to the rostrum for filming, (and potentially additional referees) will also be provided. Network cables can be run throughout the site wherever they are required.

15. PUBLIC ADDRESS SYSTEM:

A high quality Peavey public address system is used with 8 speakers. Speaker locations are around the track for: spectators, marshals, on the rostrum, in the pitting marquee and in central locations for the car park and camping/caravanning area.

Several Sennheiser radio microphones will be used.

16. TRAVEL:

Robin Hood Raceway is very accessible and easy to find with excellent communication routes. The site address is:

Robin Hood Raceway
Blyth,
Retford,
Nottinghamshire,
S81 8EU
England

16.1. AIR TRAVEL:

Robin Hood Airport is 16km from the race track. It operates numerous International flights including transatlantic.

It has all the usual facilities of a medium sized International airport - car hire, taxis, rail links, nearby hotels. The airport website gives full details: www.robinhoodairport.com

Local airports within one hours drive include:

East-Midlands Airport – 88 km. South.

Leeds-Bradford Airport – 90 km. North

Humberside Airport -- 79 km. East

There are two major airports within 160 km.:

Manchester Airport – 115 km. North West

Birmingham Airport – 143 km. South

The closest London airports:

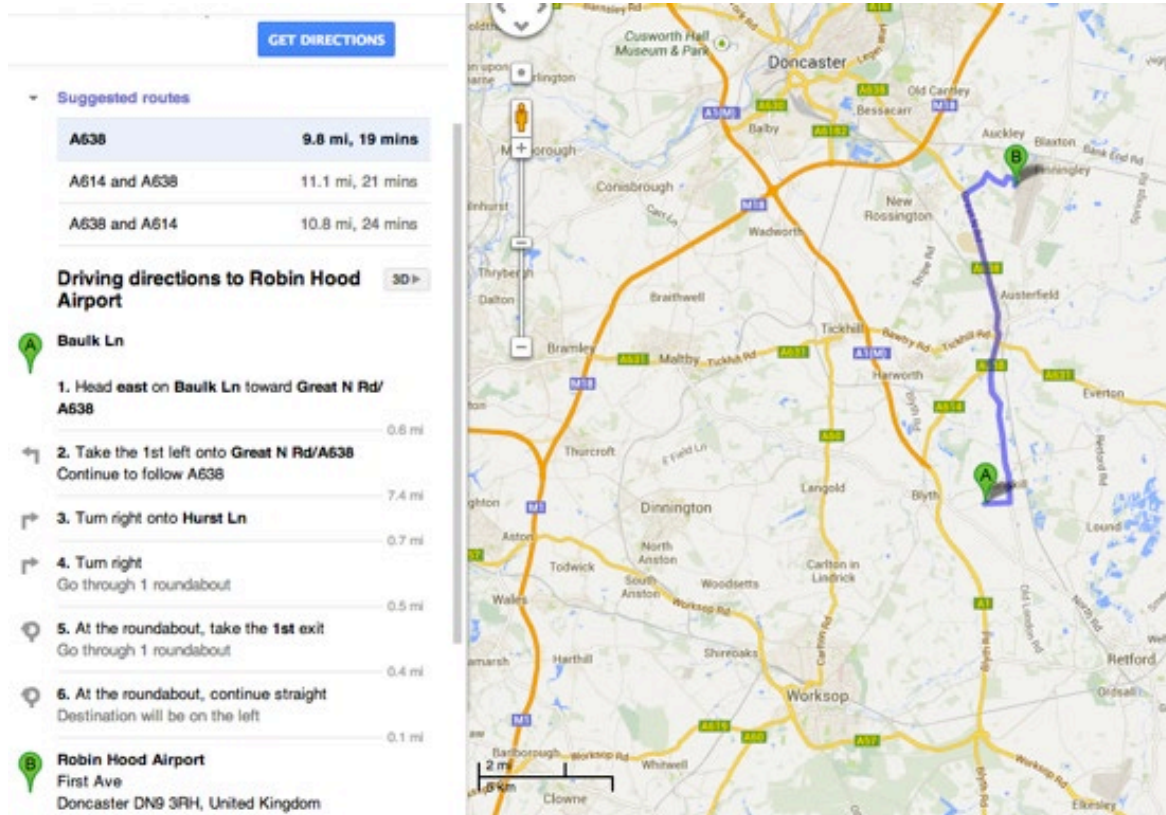
Stanstead Airport – 215 km. South

Heathrow Airport – 260 km. South

Gatwick Airport – 314 km. South

16.2. RAIL LINKS:

Rail links to the area are excellent. There is a superb service from London Kings-Cross to Retford direct, taking approx. 1 hour 40 minutes. Retford station is 8 km. South of the track location. Doncaster station is 21 km. North of the track.



16.3. TRAVEL by ROAD:

The venue postcode (zip) is: S81 8EU.

The venue entrance is the North side of the A634, 1.6 km. East of Blyth village, Nottinghamshire. Blyth village is accessed from Junction 34 of the A1, (a major north-south arterial route in UK).

The A1 joins the M18 motorway (from West), 16 km. North at Junc.35 of A1/Junc. 2 of M18.

The M18 joins the M1 – (major north-south route), at Junc. 32 of M1/Junc. 1 of M18.

The A1 joins the M62 (major east-bound route), 40 km. to the North at Junc. 32A of A1 and M62.

17. CAR HIRE:

Car hire is available at:- Robin Hood Airport:

Hertz Car Hire. Tel: 0843 309 3022

Europcar Hire. Tel: 01302 625514

Avis Hire. Tel: 0844 544 3997

Budget Hire. Tel: 0844 544 1294

18. HOTELS:

There are several hotels within 8 km. of the track. We will advise via, the event website if any 'discount codes' can be organised to achieve reduced rates for anyone attending the event.

Closest Hotels:

Blyth Travelodge.	3.2 km. (Tel: 0871 984 6123)
The Fourways Inn.	3.2 km. (Tel: 01909591925)
Best Western – The Charnwood.	3.2 km. (Tel: 01909591610)
Best Western – The West Retford.	6.4 km. (Tel: 01777706333)
Retford Travelodge.	11 km. (Tel: 0871 984 6098)
Worksop Travelodge.	12 km. (Tel: 0871 984 6185)

The following hotels are near Robin Hood Airport: (16 km. from the venue)

Best Western - Mount Pleasant. (Tel: 01302 868696)

Ramada Encore Robin Hood Airport. (Tel: 01302 718520)

Hotels in the local town of Doncaster:

Doncaster Lakeside Travelodge. (Tel: 0871 984 6492)

Doncaster Lakeside Premier Inn Central East. (Tel: 0871 527 8304)

Doncaster Lakeside Premier Inn Lakeside. (Tel: 0871 527 8300)

Doncaster Holiday Inn Express. (Tel: 01302 314100)

Park Inn Doncaster. (Tel: 01302 760710)

Campanile Doncaster. (Tel: 01302 370770)

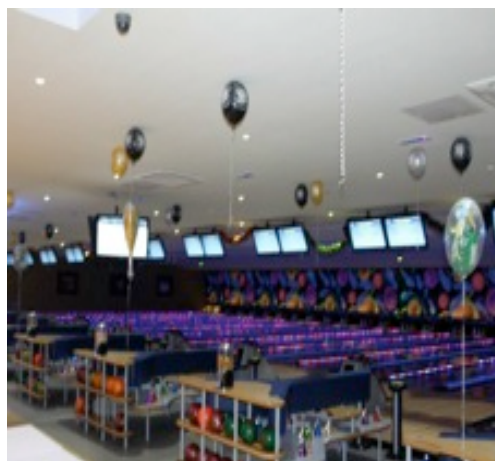
All the Doncaster hotels are within walking distance of a large leisure complex with the following amenities available :-

10 pin bowling (www.doncastersuperbowl.com). 24 hours Supermarket (ASDA).

Cinema (VUE). Swimming with slides and rapids (www.the-dome.co.uk).

Football stadium. Horse Racing track. Shopping centers (www.lakeside-village.co.uk).

Bars. Ice skating. Indoor sports. Fast food outlets.



19. CAMPING / CARAVANS / PARKING:

Camping and caravanning spaces are available on the 4.5 acre (1.8 ha), flat, grass site. The charge is £2 per night per. unit. The main buildings are floodlit at night for safety.

Parking is available immediately next to the pitting building/marquee.

Robin Hood Raceway has onsite toilets, a Chemical Toilet Disposal Point for caravans, wash basins and outdoor stand-pipes. Extra toilets will be hired for the European Championships. Waste bins are located all over the site.

20. CATERING:

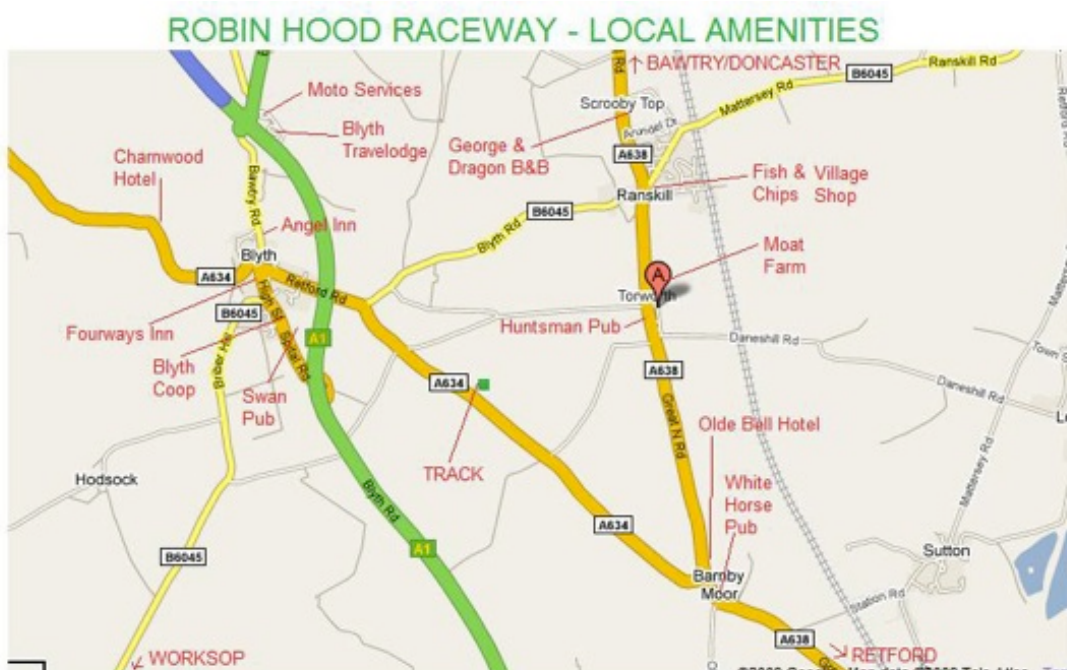
Catering will be provided on-site – The 'Robin Hood Raceway Pit-Stop Café' offers a wide selection of hot and cold food and snacks. This is run by local people, offering good quality meals, including:- roast chicken, potatoes, vegetables, sandwiches, soup, curry, jacket potatoes as well as the more standard burger and chips options.



21. IMMEDIATE LOCAL AMENITIES, (within 5 minutes drive of the track)

Fuel station – 3.2 km. (A1 Blyth Services).
Cash machine – 2.4 km. (Blyth)
Supermarket – 6.4 km. (Retford)

Mini-Supermarket – 2.4 km. (Blyth)
Local pubs and restaurants – 2.4 km. (Blyth)
Also some local hotels, see map:



22. RESPONSIBILITY:

The BRCA are the National Body with responsibility for hosting the 2020 1/10th. Off-Road European Championship. The event will be organised in compliance with EFRA 2020 Rules, not withstanding any UK legal restrictions or 'Act of God'.



The BRCA Officials and The Robin Hood raceway Team: 16.11.19