

## **EMHC Quad Racing BQE Sunday 1<sup>st</sup> June 2025**



### **Approximate Timings**

- 9:00 - 9:45 Arrive and failsafe checks.
- 9.45 Pilot briefing.
- 10:00 – 12:45 Quali pt 1
- 12:45 – 13:30 Lunch (provided by EMHC)
- 13:45 – 14:30 Quali pt 2
- 14:30 – 14:45 Short break to determine finals
- 14:45 Finals Triple finals for all
- 17:00 (approx) Prize giving and close

### **Booking and arrangements**

The current set of [BDRA rules](#) will be followed. Principle points below.

- BMFA / BDF insurance is required for the event. Proof of this will be needed on the day. If you do not have this, then you need to call the BMFA on a weekday to arrange temp insurance. The cost of this is £5 for 31 days of insurance. Their number is 0116 244 0028
- Drugs strictly prohibited on site.
- We will have a generator but sockets will be limited, so bring your extension leads if you want to use it.
- We do now have a small toilet, but if you could do what you can before visiting that would be great.
- Park tight against the hedge as space can be limited and don't drive on the grass.

### **Pilot Guidance for the day**

- Please do not fly before 10AM or after 8PM.
- Batteries must only be charged to 4.2v per cell. 4.35v is permitted, if the cell is marked as HV.
- LED lighting is permitted, but is not mandatory.
- Fly only in the area beyond the line of cones.
- Ensure you have failsafe set to kill motors in <2 seconds, this will be checked on arrival
- Laps will be recorded with an ImmersionRC LAPrf. Please use a VTX with 25mw of power (randomised tests will be carried out with a wand and a RF Explorer), If you have a poor VTX your lap might be missed. If your VTX is too strong this will show in the logs. Polarized or di-pole antennas permitted.
- Will be using Raceband 1, 2, 3, 4, 5 & 6. Please check you can do those frequencies. If you cannot then let us know in advance and we may be able to swap frequencies around.
- HDZero pilots will be put into the lower numbered channels so HD Zero pilots will generally spot for other HD Zero pilots. **However, ALL HD ZERO PILOTS MUST ALSO BRING EQUIPMENT TO SPOT ANALOGUE.**
- Pilots must stand **or sit** in the designated area when flying so we can monitor the event. **Please bring yourself a chair.** Do not go onto the track unless it is cleared for you to do so by the Race Director.
- Please do not talk in the pilot box unless you are guiding your pilot whilst spotting as it puts others off. If you do chat, then you will be disqualified from your next round.
- Please don't power up your VTX without permission, it might knock someone out and you will automatically lose a round.
- We have an active airfield next door, so land at once if you hear the horn as a plane is nearby or there is another incident. Whilst the course should be flown below the level of the highest flag, there is an absolute maximum height limit of 25m (due to the airfield)

### **Racing Format**

- 18 to 36 pilots with up to 6 Pilots in each heat.
- Qualification will comprise of the fastest 3 consecutive laps achieved within the 2 minute + 30 lap completion time.
- Missed obstacles must be retried at least **twice**. Failure to retry = lost lap
- There will be no Practice rounds.

- The number of completed rounds that count towards the finals position will be as follows:

Number of rounds completed	Number of rounds to count for seeding finals
3	2
4	2
5	3
6	3
7	4
8	4
9	5
10	5
11	6
12	6
13	7
14	7

- See BDRA rule 8.1.1 for where pilots do not complete 3 laps.
- No restarts for any reason during the heats, except If you have a problem with video caused by others. In that case come and see us during the race with DVR and we will allow you to fly again in a later slot if we can fit that in and it was not your fault.
- No restarts in the finals except if there is a collision before passing through the 1<sup>st</sup> gate resulting in a downed quad. In that case all pilots will land, change batteries (if desired) and the race rerun. Only 1 restart is allowed per final round.
- The length of the finals will be as 9.1 of the current BDRA rules, extracted as follows

**9.3 Finals race distance:** Race distance (in laps) will be determined for each Final with the following method:

**9.3.1 A Final:** 3 laps.

**9.3.2 B Final onward (but excluding the last Final):** One lap less than the maximum number of laps completed by any competitor during Qualifying, with a minimum of 3. Any attempts to subvert the algorithm will be considered unsportsmanlike behaviour and the offending pilot(s)' results shall be disregarded.

**9.3.3 Last Final:** Decided by unanimous voting of those in that Final. In the absence of consensus, the race distance shall be determined by the same calculation as used in the B Final.

**9.3.4** The race distance for each Final shall be determined by the above algorithm and is only permitted to change by unanimous vote by all those participating in that Final.

- Only the Race Director can stop a round, so make it clear to him if you have a problem. If the Race Director does not shout stop or blow the horn, then carry on.
- Enjoy yourself and bring the RD jelly babies
- You will spot for the round before your own. If you are not there to spot and you have not arranged a replacement spotter then you will miss your next round. You must count the laps of the pilot you are spotting for and confirm that to Race Control on completion of the round. Coaching is allowed as long as that does not interfere with other pilots.

## **Field Location**

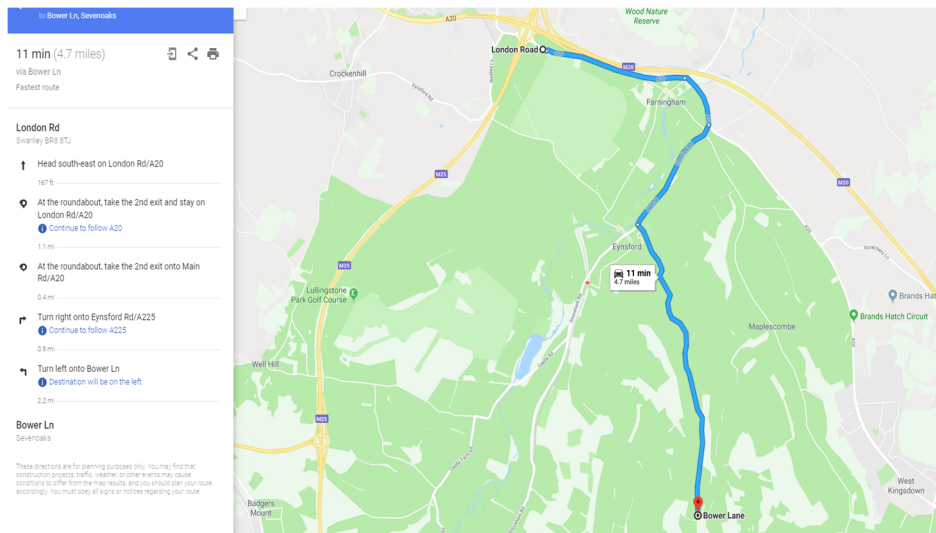
The field is located on Bower Lane, Enysford as shown on the map.

**Postcode** **TN15 6XT** (click to view)

**What three words** **given sofa boring**

Or click for directions here:

<https://www.google.co.uk/maps/dir/51.3862925,0.1963842/51.3394852,0.2243443/@51.3618143,0.1968628,13.75z/am=t/data=!4m2!4m1!3e0>



The current set of BDRA rules are here

<https://bdra.uk/current-rules/>