

SAM 35 REDFIN TROPHY TETHERED CAR EVENT RULES

2022 UPDATE.

The Redfin Trophy (as seen in the image here) was donated by Alex Phin of Redfin Engines fame in 2021 to be competed for at the BMFA Buckminster tethered car track annually, and held by the winner for one year until being awarded to the next year's winner. For the 2022 season, Alex is also donating a further trophy for this event, and the trophies will be awarded separately, one for outright speed and the other for concours and design innovation aspects, in the light of experience of judging the results of the 2021 events. As always, although this is a SAM 35 event, it will be open to all comers who wish to participate and have the necessary BMFA insurance cover and pay the BMFA Buckminster daily gate fee on the day. This is to encourage the building and running of tethered cars using 2.5cc twinshaft engines of any type, not only the Redfin engine.



For the speed part of the event, the results will be determined solely by the ranking of the achieved speeds of the cars entered, timed over the usual 8 laps/500m on the track. The concours and innovation part for the new trophy will be judged using a slightly revised version of the 2021 rules as set out below, and it is hoped to see again a wide variety of well made and innovative cars taking place and being competitive. All cars must meet the standard Buckminster weight and dimensional size guidelines (max. weight 1.4kg, bridle length 9 inches from car centre line to centre of 4.5mm diameter attachment hole for the connector, maximum speed 144mph, etc.).

Tether cables and their connector to the car bridle to be used will be provided by the organisers, and will be to the published Buckminster track specification.

The event will be run on SAM 35's usual relaxed and participative lines, involving participants being encouraged to help with activities such as timing and possibly horsing of the cars etc.

The rules are set out below.

1. Both Redfin Trophies will be competed for annually at the BMFA Buckminster tethered car track, on dates to be published for each year. For 2022, this will be at the SAM 35 Spring Gala event on Sat/Sun 9th/10th April, the Retrofest on Sat/Sun 25th/26th June, and the Octoberfest event on 15th/16th October. You may enter either one, two or all three events, and your best score will be used to calculate the league table of final placings and the winners, with the awards being announced at the end of running by 3pm on the 16th October. Each participant may enter up to 2 cars.

2. The event is for 2.5cc twinshaft engines only, diesel or glow ignition, with no tuned pipes allowed. Fuel cut outs must be fitted and operational, and used for curtailing engine over-runs or safety reasons.

3. Cars will be timed over 8 laps/500m on the track, using electronic timing equipment if available, or by the average time from two stopwatches, and using only the standard Buckminster specification tether wire and connector provided by the organisers.

4. The cars must be of sound construction in all respects, particularly the bridle and its attachment points to the chassis. It must have a top body (even if only skeletal) covering the rolling base/chassis.

5. For the Speed Trophy, you will be permitted up to a maximum of 3 timed runs, depending on the number of entries on the day at the CD's discretion, and your fastest time used as your recorded score. You may run the same car at any one of the 3 2022 SAM Buckminster weekends, and at the end of the Octoberfest event your fastest score over the season will be used to decide final placing in the results for award of the Redfin Speed Trophy. You may also run the same car in both speed and concours events if you wish.

6. Concours, Design and Technical Innovation. The Judge(s) will assess all entries on quality and the excellence of engineering execution of mechanical build and Concours/quality of finish for each car to determine overall points for this category. Scores for the concours aspect will be 10, 9 or 8 points for best standards, 7, 6 or 5 for good, and 4, 3, 2 or 1 for average. An A4 size drawing of any full size car modelled would be helpful for the Judge(s), though scale fidelity will not be part of the assessment, semi scale renditions will be equally scored.

For the Design and Technical Innovation aspect, this will be the Judge(s) assessment of the degree to which an entry represents an interesting, practical and attractive overall car body and chassis design concept, not just a run of the mill, simply constructed car, and any well thought out and executed feature aspects such as suspension. Points' score allocation is as for Concours above for best, good or average.

Each car is required to complete one official timed run on the track to qualify for this event, to encourage working cars to be entered rather than shelf queens. No minimum achieved speed is required, just complete 8 timed laps, so a London to Brighton veteran design could stagger round and win.

The 2 scores for each of the elements above will be added together for each entrant's model to determine their overall score, which will be ranked to determine overall placings in the event, so the maximum is 20 out of 20.

Since there will be the three Buckminster events in 2022, your best score from any will be used for determination of final overall placing for this year's new Redfin Trophy. In the event of tied scores for 1st place, the Judge(s) will allocate an additional 1 point at their discretion to the car which they consider the best on further and final consider.

Here are some images from the 2021 Buckminster events, let's see more lovely cars this year, and many new entrants:

