

The Lotus Seven Club – 2020 Curborough 8 Sandra Harrison-Moore Sprint Supplementary Regulations

1. The Lotus Seven Club will organise a sprint meeting at Curborough, near Lichfield, Staffs as set out below:

Sunday 30^h August 2020– Curborough - Figure of 8

2. The meeting will be governed by the General Regulations of the Motor Sports Association (incorporating the provisions of the International Sporting Code of the FIA) and these Supplementary Regulations.
3. Motorsport UK Permit No. 115589
4. Events are open to all members of the Lotus Seven Club.
5. All competitors must produce a valid Competition Licence and Club Membership Card.
6. The event will be a qualifying round of the Lotus Seven Club Speed Championship 2020
7. The programme of the meeting will be confirmed in the Final Instructions but the basic format and timings will be:
 - i. Scrutineering starts at 8.00 am
 - ii. Any competitor not signed on by 10.30 am may be excluded
 - iii. Practice starts at 9.00 am
 - iv. First Timed Runs start at 2.00 pm or earlier if possible.

8. Particulars of the course are as follows - Curborough (figure 8) is 1604 yards long and consists of a smooth tarmac surface with left and right hand corners and a fast finishing straight.

9. Technical Requirements:

9.1 Eligible Vehicles

All cars must be of the type known as Lotus Seven or Caterham Seven and will be placed in one of the following categories and classes:

9.2 Categories and Classes

Where there is a reference to a maximum power limit in the regulations below it is calculated at the flywheel. In the event of the requirement to verify a competitor's power limit compliance the nominated testing company shall be Northampton Motorsport. Contenders have the opportunity to have power runs on the Northampton Motorsport rolling road. Where a "BHP at the wheels" value is provided by a contender, the figure will be converted to a "BHP at the flywheel" equivalent by using the calculation BHP at the wheels +15% +10 BHP

The Eligibility Scrutineer will have the final say on the eligibility of each car for a particular class. The Eligibility Scrutineer has the right to move any car to the class in which he believes it best fits the technical specification and spirit of the regulations below.

Class 1

This class is for Lotus or Caterham Seven, road cars – specialist production and has a maximum power limit is 130bhp.

They shall be powered by:

1. Single cam engines up to 1600cc.
2. Rover K series 1400cc engines. For cars with the supersport engine - 5 speed gearbox only.
3. Rover K series 1600cc engines to standard non-supersport specification only and standard 5 speed gearbox only.
4. Ford Sigma engines – with 5 speed gearbox. Ford Sigma engines are not permitted to be modified and must run with the Caterham supplied ECU and map.
5. Ford Sigma engines fitted with the fixed cam Caterham Tracksport upgrade and running with a 5 speed gearbox.
6. For Ford OHV 'Kent' Crossflow 1600cc engines ONLY there is a maximum re-bore allowance of 60 thousandths of an inch.
7. The 3 cylinder turbocharged 660cc engine as fitted to the Caterham 160 and 165 models.

For Rover K series engines any form of remapping of the MEMS ECU is not permitted. The fitting of vernier pulleys and timing of the cams is allowed.

Tyres to be listed in the current Motorsport UK General Regulations Permitted Tyres (L) Lists 1A – radial tyres only. Maximum tyre width 205mm. Maximum wheel diameter of 14".

Cars powered by non-car derived engines or equipped with sequential gearboxes are not allowed in this class.

Class 2

This class is for Lotus or Caterham Seven, road cars – specialist production and has a maximum power limit of 155bhp (unless stated otherwise below) and shall be powered by:

1. Single cam engines of 1601cc and greater. Power for these engines is limited to 160bhp.
2. Lotus Twin Cam engines and Cosworth BD series engines. Power for these engines is limited to 160bhp.
3. Any other normally aspirated car engine, with a maximum capacity of 1800cc

The following modifications are PERMITTED - ANY

The following modifications are PROHIBITED - NONE

Tyres to be listed in the current Motorsport UK General Regulations Permitted Tyres (L) Lists 1A – radial tyres only. Maximum tyre width 205mm.

Cars powered by non-car derived engines or equipped with sequential gearboxes are not allowed in this class.

Class 3

This class is for Lotus or Caterham Seven, road cars – specialist production and has a maximum power limit of 155bhp (unless stated otherwise below) and shall be powered by:

1. Single cam engines of 1601cc and greater. Power for these engines is limited to 160bhp.
2. Lotus Twin Cam engines and Cosworth BD series engines. Power for these engines is limited to 160bhp.
3. Any other normally aspirated car engine, with a maximum capacity of 1800cc.

The following modifications are PERMITTED - Any

The following modifications are PROHIBITED - None

Tyres to be any road legal E-marked radial tyre listed in the current Motorsport UK General Regulations Permitted Tyres (L) Lists 1A and 1B – radial tyres only.

Cars powered by non-car derived engines or equipped with sequential gearboxes are not allowed in this class.

Class 4

Any Lotus or Caterham Seven, road cars – specialist production not meeting the engine requirements of classes 1, 2 or 3 including those with forced induction

All cars must be fitted with an operational reverse gear.

Tyres to be any road legal E-marked radial tyre or listed in the current Motorsport UK General Regulations Permitted Tyres (L) Lists 1A and 1B – radial tyres only.

Driver Aids - All driver aids are permitted in this class.

Whilst entries are accepted into this class, to aid competition we would encourage competitors in this class to consider entering Class 5 or Class 6.

Class 5

Any Lotus or Caterham Seven, Modified Cars – Specialist Production which has a power output of up to 210bhp.

Cars powered by non-car derived engines up to 1049cc are allowed in this class – specifically the Honda Fireblade. All other engine types and specifications will be subject to authorisation by the eligibility scrutineer.

Sequential gearboxes are only permitted with non-car derived engines.

All cars must be fitted with an operational reverse gear and must meet the Motorsport UK Specific (S) and Competitors: Safety (K) Regulations for Modified Specialist Production cars.

Tyres to be any road legal E-marked radial tyre or listed in the current Motorsport UK General Regulations Permitted Tyres (L) List 1A, 1B or 1C .

Driver Aids - All driver aids are permitted in this class.

Class 6

Any Lotus or Caterham Seven not meeting the engine requirements of Class 5 including those with forced induction.

All cars must meet the Motorsport UK Specific (S) and Competitors: Safety (K) Regulations for Modified Specialist Production cars.

Tyres to be any road legal E-marked radial tyre or listed in the current Motorsport UK General Regulations Permitted Tyres (L) List 1A, 1B or 1C

Driver Aids - All driver aids are permitted in this class.

Class 7

Any Lotus or Caterham Seven not meeting the requirements of any other class.

Class H

Any Lotus or Caterham Seven manufactured between 1957 & 1976 complying with the relevant speed sections of the Motorsport UK General Regulations applicable to Period Defined Vehicles (Non-Rally).

9.3 General Technical Requirements

Cars in classes 1 to 6 must run in a road legal condition as defined in S10.11, with the exception of tyre selection in Class 5&6, and comply with S12.5.4. Exhaust Catalytic Converters are required per J.5.16.7, except where a vehicle does not require a catalytic converter in accordance with government legislation.

Cars in classes 1 to 4 must be taxed & insured for road use

Cars in classes 1 to 6 must have a Valid MOT certificate where appropriate.

Cars in classes 1 to 3 must have normally aspirated engines, with the exception of the 160/165 in class 1.

Cars in any class may use engine modifications that improve engine reliability and longevity, e.g. forged pistons, uprated valve springs, gaskets and bearings, providing no performance gain is achieved.

Cars in classes 1 to 6 must have a usable passenger seat and working road legal seat belt installed.

In the interests of environmental protection all cars will be subject to a maximum noise limit of 108dB at 2/3 maximum revs at 0.5m at all rounds unless specified otherwise in the Supplementary Regulations for the specific round.

All competitors will be provided with two championship decals and these must be fitted to all competing cars in an externally visible position.

All cars must comply with the Sprints, Hill Climbs and Drag Racing (S) and Competitors: Safety (K) Regulations of the 2020 Motorsport UK Yearbook.

Attention is drawn to S10.10 Timing Struts, which states the vehicles will be fitted at the front with a vertical timing strut, minimum vertical height 254mm, the bottom of which shall be not less than 180mm and no more than 200mm from the ground. The strut will be in matt black on both sides, over its total area, which shall be not less than 254mm by 51mm. No other, or further forward, part of the vehicle may interrupt these dimensions or actuate the timing.

All cars upto 2000cc must be fitted with a Safety Rollover Structure which meets the Competitors: Safety (K) Regulation 1.6.1.(a) of the 2020 Motorsport UK Yearbook

The Safety Rollover Structure MUST have any removable members fitted – e.g. the 'petty strut' on the Caterham FIA rollover bar to comply with S10.2.3

Competitors are advised that the traditional standard roll-over bar as supplied by Caterham does not meet these requirements. Any car fitted with the standard roll-over bar that arrives at an event will NOT be allowed to compete.

All cars over 2000cc must be fitted with a Safety Rollover Structure which meets the Competitors: Safety (K) Regulation 1.6.1.(b) or 1.6.1.(C) of the 2020 Motorsport UK Yearbook

Tyre warming is not permitted by any competitor.

10. Number of Runs:

Competitors will be given the opportunity to walk the course prior to practice followed by two practice and at least two timed class runs. All runs will be in strict programme order.

If due to unforeseen circumstances it appears to the organisers that the published programme cannot be adhered to then a revised programme will be announced.

If more than two timed runs are possible then an announcement will be made before the end of the second timed run.

11. Awards

Awards will be made in order of the fastest time for each competitor within each class, There will be awards for First, second and third places in each class dependent upon the number of entries in the class.

- 1st in Class (subject to 3 entries)
- 2nd in Class (subject to 5 entries)
- 3rd in Class (subject to 7 entries)
- 4th in Class (subject to 10 entries)

In addition there will be awards for the Fastest Lady, Fastest Novice and Fastest Time of the Day

A novice for the purpose of the Novice Trophy is a person holding a Motorsport UK Interclub Competition Licence for the first time in 2020 and taking part in their first competitive season of Motor Speed events. Excepting that they may have held an Motorsport UK Non-Race National B Competition licence and competed **ONLY** in the Lotus Seven Clubs own Club sprints during the previous year (to encourage new competitors). The Fastest Lady and Fastest Novice awards will be awarded based on a scoring system as follows:

The Championship Contender finishing first in each class will be awarded 100 points and their time shall be the class reference time. Each competitor shall be awarded points based on the reference time as a percentage of their time – to two decimal places, rounded down.

An example is shown below:

Reference	63.18 secs	100.00 points
Competitor 2	70.20 secs	90.00 points
Competitor 3	72.56 secs	87.07 points

The Fastest Lady and Fastest Novice awards will be given to the eligible person with the highest number of points across all classes.

The events will qualify for the Edward Lewis Cup for those competing in the 2020 Lotus Seven Club Speed Championship.

12. The maximum entry is 70 at Curborough. The minimum entry is 40. Should the minimum entry not be reached the organisers reserve the right to cancel the meeting. Entry fees will be refunded.

13. The entry list opens upon publication of the Entry Form for each event. Entries will be accepted in order of receipt. The closing date for each event is seven days before the event.

The Standard entry fee is £110 for each competitor, this is discounted to £35 for any novice competitor registered in the Dare to Be Different Campaign, validation of which must be submitted prior to the event. Payment should be made via the online entry form by debit or credit card.

Entries cancelled within seven days of the event and non starters will not be refunded. Cancellations must be made in writing.

14. The Secretary of the Meeting will be as prescribed on each event Entry Form.

15. Other officials will be notified to competitors in the Final Instructions. Any other changes will be notified on the meeting notice board.

16. Provisional results will be published as soon as possible following the end of each event. Any protest must be lodged in accordance with 2020 Motorsport UK Technical Regulations Judicial (C).

17. Starting order will be as shown in the programme. Cars will start singly. The starting signal will be a green light which indicates that the driver may start in their own time. Method of timing will be electronic, activated by the vehicle breaking a light beam. A timing strut in accordance with Sprints, Hill Climbs and Drag Racing (S 10.9) 2020 Motorsport UK Technical Regulations is required. A timing strut template can be provided upon request.

18. Competitors will be identified by competition numbers in accordance with 2020 Motorsport UK Technical Regulations Sprints, Hill Climbs and Drag Racing (S 9.2.5) , which will not be provided by the organisers.

19. Marking and penalties will be as printed in the appropriate section of the 2020 Motorsport UK Technical Regulations, Sprints, Hill Climbs and Drag Racing (S) except as modified below:

- a. (S 9.5.4) If all four wheels leave the tarmac surface, no time will be recorded

- b. (S 9.6) The timekeeper in charge at the start line shall be the Judge of Fact in respect of false starts. The Chief Section Marshal at each post will be the Judge of Fact in respect of a car leaving the course or taking the wrong course.
 - c. Any competitor dislodging the first cone to the left of the entry to flagpole hairpin will incur a 1 second penalty.
 - d. Any competitor dislodging the cones on the entry to the crossover will incur a 1 second penalty.
20. All other General Regulations of Motorsport UK apply as written.
21. The use of any external device or power source to pre-heat the tyres of a competing car, whether the tyres are fitted to the car or not, is prohibited.
22. No competing car may leave the venue during an event without the permission of the Clerk of the Course.
23. Animals will not be admitted to the Paddock or spectator areas.