



HSC
HSA SPEED

CHAMPIONSHIP



2024 Woodfield Trailers HSA Speed Championship (incorporating the pre 1994 Formula Ford Challenge)

1. SPORTING REGULATIONS - GENERAL

1.1 Title & Jurisdiction:

The 2024 Woodford Trailers HSA Speed Championship, incorporating the pre 1994 Formula Ford Challenge, is organised and administered by the Hillclimb & Sprint Association in accordance with the General Regulations of the Motorsport UK Association Ltd (incorporating the provisions of the International Sporting Code of the FIA) and these Championship Regulations.

Motorsport UK Championship Permit No: CH2024/S035 (C) Status: RS Interclub

Motorsport UK Championship Grade: C

1.2 Officials:

1.2.1 Co-ordinator: Mrs Pat Toulmin, 4 Briery Lands, Heath End, Snitterfield, Stratford upon Avon. CV37 0PP. Tel: 01789 731332
email: speedchamp@hillclimbandsprint.co.uk

1.2.2 Eligibility Scrutineer: Martin Ford. Tel: 07909 994657
email: martin.scrutineer@gmail.com

1.2.3 Championship Stewards: Paul Parker, Nick Algar, Jonathan Toulmin



1.3 Competitor Eligibility:

1.3.1 Entrants must be fully paid -up valid membership card holding members of the HSA and be in possession of a current Motorsport UK Entrants Licences.

1.3.2 Drivers and Entrant/Drivers must be fully paid-up valid membership card holding members of the HSA, be Registered for the Championship and be in possession of a current Competition RS Interclub Status Licence, as a minimum.

A competitor shall not take time off school to participate in motor sport without the prior written approval of their school. If participation in the Championship requires absence from school, Drivers in full time school education are required to have the approval of their head teacher and a letter stating such approval from his/her school in order to fulfil registration for the Championship.

1.3.3 All necessary documentation must be presented for checking at all rounds when signing-on.

1.3.4. The Pre 1994 Formula Ford Challenge will be open to competitors in cars eligible for Class J1 and who are members of the Pre 1994 Formula Ford Register

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1.4 Registration:

- 1.4.1 Competitors can register and pay either on-line at www.hillclimbandsprint.co.uk or by completing a registration form (obtainable either from the web site or by post from the Championship Co-ordinator) and returning it as instructed.
- 1.4.2 £35 per class entered, plus the HSA membership fee if the entrant/driver is not already an HSA member.
- 1.4.3 Competitors must register in the appropriate Championship class for their vehicle(s) at least seven days prior to the first event in which they intend to compete in that vehicle.
- 1.4.4 Competitors for the Pre 1994 Formula Ford Challenge may register in one of two ways:
 - 1.4.4.1 Register in the 2024 HSA Speed Championship in Class J1
 - 1.4.4.2 Register with the Championship Coordinator as a Pre 1994 Formula Ford Challenge competitor, have paid the fee of £7 and be in possession of a current Competition RS Interclub status licence as a minimum. Competitors registered under 1.4.4.2 will not be eligible to compete in any other events in the HSA Speed Championship beyond the 8 events listed in 1.5 below.



1.5 Championship Rounds:

Date	Venue	Organising Club
23rd March	Cadwell	BARC Midlands
6th April	Anglesey Nat	Longton
7th April	Anglesey Int	Longton
14th April	Shelsley Walsh *	MAC
14th April	Harewood	BARC Yorks
20th April	Goodwood	Bognor Regis MC
27th April	Wiscombe	Woolbridge MC
28th April	Wiscombe	Woolbridge MC
4th May	Werrington	Plymouth MC
5th May	Werrington	Plymouth MC
18th May	Blyton Eastern	Longton
19th May	Blyton Outer	Longton
1st June	Pembrey	BARC Wales
2nd June	Pembrey	BARC Wales
8th June	Prescott *	Bugatti
9th June	Prescott *	Bugatti
15th June	Barbon	Liverpool
16th June	Three Sisters 2 lap	Longton
16th June	Curborough	Owen MC
23rd June	Mallory Park	Sheffield & Hallamshire
13th July	Lydden	B19
13th July	Loton **	HDLC
14th July	Loton **	HDLC
3rd August	Gurston **	BARC SW
4th August	Gurston **	BARC SW
17th August	Llandow	Bristol MC
24th August	Snetterton 100 **	BARC Midlands
25th August	Snetterton 100 **	BARC Midlands
31st August	Aintree	Liverpool
8th September	Hethel	B19
15th September	Shelsley Walsh *	MAC
5th October	Curborough **	Hillclimb & Sprint Assn
6th October	Curborough **	Hillclimb & Sprint Assn

NOTE: Rounds indicated by an asterisk may not run a class for Junior competitors

NOTE. The eight rounds indicated by a double asterisk above will comprise the Pre 1994 Formula Ford Challenge Calendar



1.6 Scoring:

1.6.1 In order to qualify for points in an event, registered competitors must be classified in the official results as a starter by completing at least one timed competitive run.

Scoring will be based on each competitor's fastest time set in any of the complete (i.e. where all competitors were able to take their run) competition runs offered by the organiser. If not all competitors at the event are given the opportunity to make at least one competition run and/or the organisers do not publish any official results, then the event will not qualify as a Championship round.

Should an event take place over two days, which constitute more than one Championship qualifying round, then all competition runs (i.e. excluding those designated as practice runs) offered by the organiser each day will be included for scoring purposes.

Points will be awarded for every registered Championship competitor at each qualifying event based on each competitor's best time (excluding practice runs) in relation to the appropriate Championship class record standing at the commencement of the event as follows:

- 18 points for breaking the class record by more than 3%
- 17 points for breaking the class record by more than 2.5% and up to 3%
- 16 points for breaking the class record by more than 2% and up to 2.5%
- 15 points for breaking the class record by more than 1.5% and up to 2%
- 14 points for breaking the class record by more than 1% and up to 1.5%
- 13 points for breaking the class record by more than 0.5% and up to 1%
- 12 points for breaking the class record by up to 0.5%
- 11 points for a time up to 1% slower than the class record
- 10 points for a time more than 1% and up to 2% slower than the class record
- 9 points for a time more than 2% and up to 3% slower than the class record
- 8 points for a time more than 3% and up to 4% slower than the class record
- 7 points for a time more than 4% and up to 5% slower than the class record
- 6 points for a time more than 5% and up to 7% slower than the class record
- 5 points for a time more than 7% and up to 9% slower than the class record
- 4 points for a time more than 9% and up to 11% slower than the class record
- 3 points for a time more than 11% and up to 13% slower than the class record
- 2 points for a time more than 13% and up to 15% slower than the class record
- 1 point for a time more than 15% slower than the class record

Where a Championship class record does not exist at the commencement of a qualifying event, the fastest time recorded by a registered Championship competitor in that class at the event will be deemed the existing class record.

Thus, the competitor who records the fastest time and establishes a new record will score 12 points and the remaining competitors will score additional points in the following manner:

11 points for a time up to 1% slower than the class record
10 points for a time more than 1% and up to 2% slower than the class record
9 points for a time more than 2% and up to 3% slower than the class record
8 points for a time more than 3% and up to 4% slower than the class record
7 points for a time more than 4% and up to 5% slower than the class record
6 points for a time more than 5% and up to 7% slower than the class record
5 points for a time more than 7% and up to 9% slower than the class record
4 points for a time more than 9% and up to 11% slower than the class record
3 points for a time more than 11% and up to 13% slower than the class record
2 points for a time more than 13% and up to 15% slower than the class record
1 point for a time more than 15% slower than the class record

Competitors will be allowed to accumulate points gained in different cars, registered on their entry form, or notified to the Championship co-ordinator within three days of the event if different, within the same Championship class.

A Competitor will be allowed to enter a different car in more than one Championship class by making a separate entry (with a Championship entry fee payable) for each class and will accumulate points separately in each Championship class but may only qualify for an award in one class which will be that with the highest score.

No competitor may enter the Championship in the same car in more than one Championship class and any tie break that may be applied.

Points gained in up to nine of the qualifying events will count towards the Championship scoring and any tie break that may be applied. Should a competitor score in more than nine rounds the lowest scores will be dropped.

Scoring records for the Championship will be maintained by the Championship Co-ordinator, Mrs Pat Toulmin. Updated results will be published on the HSA web site www.hillclimbandsprint.co.uk as soon as possible after each event.

Event organisers are expected to supply published results of the event to the Championship Co-ordinator by post, email or download within seven days of the event. Periodic bulletins of intermediate marking will be advised via the website www.hillclimbandsprint.co.uk.

The final results will be published on the HSA's web site as soon as practicable at the conclusion of the Championship.

1.6.2 In the event of a tie between two or more competitors at the end of the Championship the following tiebreak procedure will be adopted in the sequence shown, until a result is obtained:



- (a) The number of 18-point scores will be counted and the competitor with the highest number will be declared the winner. If there is still a tie, the number of 17-point scores will be counted and so on until a winner is identified.
- (b) If two or more competitors are still tied, then the average percentage by which each competitor broke (or fell short of) the class record at each event will be calculated and the competitor with the best score will be declared the winner.
- (c) Should none of these methods be effective, the Championship Organisers will specify the method of solution.

1.6.3 Championship Points Appeal in accordance with C6.5 of the 2024 Motorsport UK Yearbook.

Any query regarding the results must be made to the Championship Co-ordinator within 7 days of the results being published (on the web site), after which no alterations to the scores will be considered except for cases taken to the Motorsport UK Motor Sports Council National Court.

1.6.4. Event Penalties – Not Applicable

1.6.5 Scoring for Pre 1994 Formula Ford Challenge

1.6.5.1 There will be 8 events with the first two competition runs counting as two rounds at each event. The best 10 rounds of 16 will count. In the event that fewer than 16 rounds take place, the number of qualifying rounds will reduce as follows:

16 to 15 rounds then 10 to count
14 to 13 rounds then 9 to count
12 to 11 rounds then 8 to count
10 to 9 rounds then 7 to count
8 to 7 rounds then 6 to count
Anything less than 7 rounds then all rounds count

1.6.5.2 The winner of each round will receive 100 points and the remaining competitors will receive the inverse % off winner's time. In order to qualify as a round, the run has to be completed in full and an official time given by the event organisers.

Example of scoring per round:

Competitor A is fastest on a round with a time of 60.99 and scores 100 points

Competitor B has a time on the same round of 64.37

Competitor B Score = $100 \times (1 + (A - B) / A) = 94.46$

1.6.5.3 Note that no points will be scored by competitors registered under cl 1.4.4.2 in the HSA Speed Championship and no new HSA records will be recognised if set by these competitors.



1.7 Awards:

1.7.1 At the conclusion of the Championship, the Championship awards will be presented as follows. Registered Competitors must gain points in at least three qualifying rounds to be eligible for all awards.

(a) Overall positions:

1st Place: The HSA Championship Trophy (to be held for 12 months), a free entry to an HSA Championship event in 2025 and a trophy.

2nd Place: A free entry to an HSA organised event in 2025 and a trophy

3rd Place: A free entry into the 2025 HSA Speed Championship and a trophy

4th Place: A trophy

5th Place: A trophy

(b) Class positions:

1st Place: A trophy subject to 1 entry in the class

2nd Place: A trophy subject to 5 entries in the class

3rd Place: A trophy subject to 10 entries in the class

1.7.2 The Championship "Competitor of the Year": The HSA 'Competitor of the Year' shield to be held for 12 months and a trophy.

The Peter Stevens Memorial Cup for the competitor with the highest score from up to 4, but not less than three qualifying rounds: The Peter Stevens memorial cup (to be held for 12 months) and a trophy.

The Russ Ward trophy (to be held for 12 months) will be awarded to the Organising Club of the 'best' Championship round as determined by the HSA Committee.

The Paul Squires Memorial trophy will be awarded to the most meritorious performance in a racing car up to 1100cc as determined by the Championship Organisers (to be held for 12 months).

The HSA Dual Drive Shield, or Tyre Warmers Trophy (to be held for 12 months) will be presented to the drivers with the highest combined overall score where the competitors share the same car in the same class, and a trophy each.

The MX5 Owners Club Trophy will be awarded to the MX5 driver with the highest overall score in the HSA Speed Championship

The HSA Novice Trophy awarded to the competitor scoring the most points in their first year of holding a competition licence.



The HSA under 25s Trophy awarded to the competitor scoring the greatest number of points who was under 25 years of age on the date of the first championship round.

An award to the driver of the highest scoring car in Class J1 which was built up to 31 December 1973, provided he or she is not the overall winner of Class J1.

The overall winner of the Pre 1994 Formula Ford Challenge will receive the Pre 1994 Formula Ford Register Trophy to be held for 12 months.

The Championship Awards Presentation will be held at the British Motor Museum at Gaydon on 10th November 2024. Details will be published nearer the time on the HSA website.

2. SPORTING REGULATIONS - JUDICIAL PROCEDURES

- 2.1 **Rounds:** In accordance with Section C of the 2024 Motorsport UK Yearbook and the Supplementary Regulations of the qualifying round.
- 2.2 **Championship:** In accordance with Section C of the 2024 Motorsport UK Yearbook and these Regulations.

3. SPECIFIC CHAMPIONSHIP REGULATIONS

- 3.1 By registering for the Championship all competitors and their associates commit to positively promote and demonstrate the Motorsport UK's Respect Code which is appended to these regulations (Appendix 1)
- 3.1.1. Where any reports of disrespectful conduct are judged to be well founded the Championship organisers may issue warnings or require remedial actions and/or report the matter to the Championship Stewards who may impose appropriate penalties which can include loss of Championship points and/or race bans through to Championship Expulsion and referral to Motorsport UK.
- 3.1.2. It is imperative that we promote the safety and wellbeing of young people and adults at risk. In addition to this all participants must be aware of their behaviour and conduct at all times, and abusive language and harmful behaviour will not be tolerated. Any such incidents must be reported to the Championship Coordinator and/or Safeguarding Officer who will also relay the report Motorsport UK. Details of the Motorsport UK Policies and Guidelines are available at www.motorsportuk.org/resource-centre by selecting Policies and Guidelines.
- 3.2 Due to both safety and environmental concerns, vehicles must not be left unattended under any circumstances when the engine is running.



4. TECHNICAL REGULATIONS

4.1 To be eligible for the Championship all vehicles must comply with the Common Regulations and Specific Regulations for Standard Cars, Road Cars, Modified Cars, Sports Libre Cars and Racing Cars included in the 2024 Motorsport UK Yearbook Section S, Specific Regulations for Sprints, Hill Climbs and Drag Racing.

To be eligible for championship points or for the Pre 1994 Formula Ford Challenge, competing vehicles must carry the championship decals provided, in accordance with the advertising rules set out in Section H (28) of the 2024 Motorsport UK Yearbook. Where the vehicle bodywork does not allow compliance with Section H (28) then the championship decals should be displayed in as clear and visible position as possible.

Each qualifying event will run under its own Supplementary Regulations and championship competitors will be bound by these SRs, the General Regulations of Motorsport UK and these Championship Regulations

Competitors in the individual qualifying events will take part in the appropriate class for their vehicle for the awards offered at that event. Where classes at an event do not match the HSA Championship classes the results will be re-structured into the HSA Championship classes for scoring purposes

4.2 For the purposes of Championship scoring, vehicles will be divided into the following classes:

Standard Cars

- S1 Saloons and Sports Cars produced after 1/1/2000 in quantities of not less than 5000 per annum of unitary construction, two-wheel drive and up to 2 litre engine capacity as per S.11 in the 2024 Motorsport UK Yearbook.
- S2 Juniors

Road Cars as per S12

- A1 Road Cars Series Production up to 1400cc
- A2 Road Cars Series Production over 1400cc & up to 2000cc
- A2.1 Road Cars Series Production Mazda MX5s up to 2000cc
- A3 Road Cars Series Production 2WD over 2000cc
- A4 Road Cars Series Production 4-Wheel Drive over 2000cc
- U1 Road Cars Series Production Classic Saloon and Sports Cars built up to 31.12.1975.

Road Cars Specialist Production

- B1 Road Cars Specialist Production cars up to 1700cc
- B2 Road Cars Specialist Production cars over 1700cc

Modified Cars as per S.13

- C1 Modified Cars Series Production up to 1400cc
- C2 Modified Cars Series Production over 1400cc & up to 2000cc
- C3 Modified Cars Series Production over 2000cc

Modified Specialist Production

- D Modified Cars Specialist Production
- U2 Modified Classic Modified Specialist Saloon and Sports Cars built up to 31.12.1975

Sports Libre Cars

- F Sports Libre Cars as per S14

Racing Cars as per S15

- H Racing Cars up to 600cc
- I Racing Cars over 600cc & up to 1100cc
- J Racing Cars over 1100cc & up to 1600cc
- J1 Formula Ford 1600 Racing Cars manufactured before 1.1.1994.
- K Racing Cars over 1600cc & up to 2000cc
- L Racing Cars over 2000cc
- W Classic Racing Cars and Sports Racing Cars built up to 31.12.1975

Notes:

Tyres on vehicles in Classes S1 and A2.1 must comply with List 1A (Section L: Permitted tyres) appearing in the 2024 Motorsport UK Yearbook.

Class S2 is open to competitors defined in the Motorsport UK 2024 regulations S7.1.9, 1 S7.1.9.1, S7.1.9.2 and S10.2.9 for new drivers aged 14 to 16 competing in a Standard Car of no more than 110bhp and in compliance with S11, until the end of the year of their 16th birthday. NOTE: Some championship rounds may not run classes for Junior competitors, and these have been indicated with an asterisk.

Tyres on vehicles in Classes A1, A2, A3, A4 B1 and B2 must comply with List 1A and List 1B (Section L: Permitted tyres) appearing in the 2024 Motorsport UK Yearbook but to include radial construction tyres only. Tyres on vehicles in Classes U1 and U2 must either comply with List 1A or List 1B or List 1C, in which case they must be radial construction tyres, or be cross ply tyres of a make and specification which was available before 31.12.1975.

All vehicles in Road Car classes must be taxed, insured and, where relevant, hold a current MOT test certificate.

The use of slick tyres is prohibited in Class W.

Vehicles with spaceframe chassis are excluded from Classes C1, C2 and C3.

Formula Ford 1600 vehicles in Class J1 must comply with Pre 94 Formula Ford Register Guidance Notes – see Appendix 2.



Eligibility issues will be reviewed by the Eligibility Scrutineer. To avoid eligibility problems, it is advisable for all cars (except Road-Going categories) to carry a Motorsport UK Technical Passport. In the event of an unresolved eligibility problem, the driver of the car concerned may be asked to produce a manufacturer's catalogue within four weeks of the event in question to substantiate any queried modification/specification and allow the championship points to stand.

The Championship organisers reserve the right to merge or sub-divide classes at the commencement of the Championship, should entries justify this.

4.3 Drivers must comply with Section S (9) of the 2024 Motorsport UK Yearbook at all times.

5. **ENVIRONMENTAL CONCERNS**

Motorsport UK are exceedingly concerned of the impact of single-use plastic tyre wrapping and with reusable alternatives available competitors are encouraged to reduce plastic usage in this regard. The use of these plastic wraps is prohibited.

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A socially-minded standard of behaviour is expected from everyone within the motorsport community.

By participating in a Motorsport UK event in any capacity you agree to follow the values of the Respect Code:

Motorsportuk.org/racewithrespect
#RaceWithRespect

The Values

- Respect
- Fair play
- Integrity
- Good Manners
- Self-Control

I pledge to #RaceWithRespect and:

- Contribute to a welcoming and friendly environment that ensures the safety and welfare of all participants.
- Always behave with integrity and uphold fairness in the sport; play my part in keeping the sport safety through your actions
- Treat everyone with respect, regardless of their gender, ethnic or social background, language, religious or other beliefs, disability, sexual identity or other status
- Recognise that we all represent the sport and therefore have a duty to be polite and respectful to all staff, officials, fellow competitors, volunteers, as well as fans and supporters
- Respect the rules, regulations and authority of the officials and Motorsport UK

Any breach of these obligations may result in disciplinary action.



The Pre-94 FF Register



Guidance to the 2024 Technical Regulations for 'Pre-1994 Formula Ford 1600 ('Kent' Engines)' in Hillclimbs & Sprints

1 GENERAL

The official Formula Ford regulations apply to the Pre-94 Formula Ford (Kent engines) Class with references to regulations for post-1993 cars deleted and follow the 2024 Motorsport UK Yearbook (Blue Book). All relevant and current Motorsport UK regulations apply.

The full Formula Ford 1600 ('Kent' engines) Regulations (2024 version) can be found at <https://www.hillclimbsandsprint.co.uk/docs/pre-1994-ff-guidance2024.pdf>

The following are clarifications for competitors entering the Pre-1994 Formula Ford 1600 class in hillclimb and sprint events.

Any car competing in the Pre-94 Formula Ford class must comply with the full Formula Ford 1600 (Kent engines) Technical Regulations. If it does not then, obviously, it is not a Formula Ford. The intention is not only to maintain parity between the competing cars but also between the regulations for circuit racing cars and speed event cars so, that competitors from either discipline may compete in the other with the absolute minimum of alterations. Basically, a circuit racing car only needs a timing strut fitting to comply with these regulations for hill climbing and sprinting.

The Pre-1994 Formula Ford 1600 (Kent engines) class is for cars built prior to 1.1.1994.

2 SAFETY

Seat belts to S.10.2.11 ie K2.1.3 minimum. (Cars competing in racing car classes in sprint and hillclimb events must be *'equipped with a currently homologated FIA safety harness complying with K.2.1.3 or K.2.1.4'*)

Fire extinguishers are recommended in speed events but not mandatory, see S10.2.14 (See - K.3.1. for detail on plumbed-in fire extinguishers or systems).

Frontal Head Restraint (FHR) are mandatory in all racing car classes in hillclimbs, except for period defined cars (pre-1977).

Engine. See Formula Ford Kent Technical Regulations, Article 5, in <https://www.hillclimbsandsprint.co.uk/docs/pre-1994-ff-guidance2024.pdf>

Transmission. See Formula Ford Technical Regulations, Article 11 in <https://www.hillclimbsandsprint.co.uk/docs/pre-1994-ff-guidance2024.pdf>

3 TYRES

Note – Most circuit championships regulations approve Avon ACB9 or ACB10 up to and beyond our Pre-1994 Formula Ford class. Therefore, to maintain parity between competing cars and in the absence of specific detail regarding tyres in speed event championships regulations, the following applies:

Cars Manufactured before 31.12.1971 – Avon ACB9 Formula Ford tyres that have been approved by Motorsport UK

Front 5.0/22.0 – 13 A46 -17680M
Rear 6.5/23.0 – 13 A46 – 17681M

Cars manufactured 1.1.1972 to 31.12.1993 - Avon ACB9 or ACB10 Formula Ford tyres that have been approved by Motorsport UK

Avon ACB9

Front 5.0/22.0 – 13 A46 – 17680M
Rear 6.5/23.0 – 13 A46 – 17681M

or

Avon ACB10

Front 6.0/21.0 – 13 8317
Rear 7.0/22.0 – 13 8319

4 WEIGHT

See Formula Ford Kent Technical Regulations, clause 14, in <https://www.hillclimbandsprint.co.uk/docs/pre-1994-ff-guidance2024.pdf>

5 MIRRORS

See Formula Ford Kent Technical Regulations, clause 4.5, in <https://www.hillclimbandsprint.co.uk/docs/pre-1994-ff-guidance2024.pdf>

6 SILENCING

See Formula Ford Kent Technical Regulations, clause 5.4b, in <https://www.hillclimbandsprint.co.uk/docs/pre-1994-ff-guidance2024.pdf>

7 'RAIN LIGHT'

See Formula Ford Kent Technical Regulations, clause 16, in <https://www.hillclimbandsprint.co.uk/docs/pre-1994-ff-guidance2024.pdf>

8 TIMING STRUTS

A timing strut to S.10.10 must be fitted.

9 ADDITIONAL SUPPLEMENTARY REGULATIONS

All additional supplementary regulations (ASRs) and Championship regulations will apply.



10 SELF-POLICING

Formula Ford provides a 'level playing field' with very equal performance between cars and it will be self-evident if a car has been modified to provide an unfair performance advantage. There will therefore be an element of 'self-policing' of the class, but any competitor found to be contravening these rules may be moved into the up to 1600cc racing car class for awards and championship points purposes.

For Formula Ford Kent Technical Regulations go to:

<https://www.hillclimbandsprint.co.uk/docs/pre-1994-ff-guidance2024.pdf>

Pat Toulmin
Championship Co-Ordinator

07/01/2024

