



Farnborough District Motor Club

April AutoSolo
Sunday April 2nd 2023

Dalton Barracks, Abingdon



Photo courtesy of Jack Flash Photography

Welcome to the April Solo which continues our 21st season of this enjoyable, low-cost form of motorsport for road-going cars. Previous winner above, Keith Petit in his 1958 AH Sprite.

This event is a round of the ACSMC AutoSolo Championship so is expected to fill up quickly. Enter and pay quickly in order to avoid disappointment.

It is expected that some journalists from Mazda UK will be taking part and they will have some photographers with them. If you don't want your car to be photographed, please let them know on the day (by the way, they are bringing something new and special with them).

This is the first event of 2023 for the coveted FDMC Solo Challenge Shield. Previous winners including some legendary clubman drivers. For this 2023 event we are using part of the runway at Dalton Barracks, with thanks to Sutton & Cheam Motor Club and Craven Motor Club. S&CMC and CMC are running their Long Course speed-Sprint on the main runway at the venue and at the same time as our Solo. Hence, there are restrictions on entry and exit times for the site and movement around the site. They are expecting an entry of 100+ cars for their Sprint. Effectively, as a competitor in the Solo, you will need to be inside the venue by 08:00; because the gate will be locked at 08:30.

Invited clubs are listed in these regulations, or if joining FDMC to enter, there's an application form on our [website](#), to be submitted with your entry. There is a reduced entry fee for drivers under the age of 21 – see Section 9. This event is expected to be a round of the ACSMC AutoSolo Championship.

Please note the closing date for entries is six days before the event date. Any entries sent AFTER the last Monday before the event incur an additional £5 (so get in quick).

Note that the exhaust silencing requirements in Section 5 will be **strictly** enforced.

We look forward to seeing you on 2nd April, and with the continuing popularity of these events, recommend entering in good time beforehand.

From The Organisers

Club Committee

Clerk of Course

Secretary of Meeting

Entries Secretary

Covid-19 Officer

Timekeepers

Safeguarding Officer

Event Steward

Scrutineer

Media Officer

Equipment Officer

Venue Liaison

Awards Officer

Toilet Monitor

Gate Keeper

Race for Respect

By participating in this event all competitors, marshals and officials agree to follow the values of the Motorsport UK "Race with Respect" Code of Conduct, available at <https://www.motorsportuk.org/racewithrespect>



FDMC April Solo 2023, Supplementary Regulations

1. The Farnborough District Motor Club Limited (FDMC) will promote a Clubman permitted AutoSolo event on Sunday 2nd April, at Dalton Barracks, Abingdon, Oxfordshire. See item 19, 'Directions and Facilities'.

2. The meeting will be governed by the General Regulations of Motorsport UK (incorporating the provisions of the FIA's International Sporting Code); these Supplementary Regulations; and any written instructions that the organisers issue for the event. General Regulation (**GR**) references are to the 2023 Motorsport UK [Year Book](#) (*Blue Book*). A Motorsport UK Permit has been issued ref TBA.

The event is a round of the 2023 FDMC Solo Challenge & the ACSMC AutoSolo Championship (permit in place).

The event is open to all members of Farnborough District Motorsport Club (FDMC), Boundless (CSMA), Bournemouth & DCC, Southsea MC, Dolphin MC, Falcon MC, Oxford MC, Basingstoke MC, Southern Car Club, Sutton & Cheam MC, Club Triumph, ACSMC Championship.

Further clubs may be added in the Final Instructions.

All drivers must produce a valid club membership card. A competition licence is required for Clubman events. You can apply on-line for a Competition Licence, there is no cost, and you will get a Competition Licence number by return. [RS Clubman Licence Application](#)

3. As per [GR M22](#) (see page 211), drivers aged 14 and over and not holding a full RTA licence at date of the event may enter, providing they meet the requirements of GR M22 a), b) and c), as defined by Motorsport UK and here:

- GR M22 a) The vehicle used must fit the definition of a Touring car, as defined in [GR B](#) (page 62).
- GR M22 b) The vehicle engine capacity must not exceed 2000cc for normally aspirated engines or 1428cc for engines with forced induction.
- GR M22 c) A passenger (the same person for the whole event) must be carried who holds a valid, full RTA licence, and be experienced in AutoSolos.

The appropriate passenger, as defined in GR M22 c) may enter the event in their own right, but may only act as a passenger for one non full RTA licenced driver.

If there is any doubt or confusion over these rules, please contact the Secretary of the Meeting or the Clerk of the Course for clarification BEFORE the day of the event.

4. Scrutineering will take place upon arrival at the venue. There will be a mandatory Drivers safety briefing.

Signing on will be on-line and in advance of the event, except Under 18 drivers, who will sign on at the event HQ on the day.

Gates will open from 07:00. Tests are planned to start from 9.30. Latest recommended arrival is STRICTLY 8.20, when the entry gate will be locked at 08.30; and any competitor not ready by 9.00 may be excluded.

Details of the location of the entrance to the site will be published in the Final Instructions, which will be emailed to entrants on Wednesday 29th March. Details of the tests will be issued at the same time and you will need to print them for your selves.

After arrival, go to the Paddock, space out with about a cars space between you all, attach your numbers. You can then walk course.

5. **Classes and eligibility:** (Classes A to E, see additional eligibility requirements below, and note the class capacity splits).

A Historic; any car, registered or manufactured before 01 Jan 1991 (Entrants' vehicles will be classified into appropriate classes below for the purposes of the ACSMC Championship results)

B1 Saloons / estates / 4 seat coupes, less than 1000cc

B2 Other saloons / estates / 4 seat coupes, 1000 to 1400cc

C Other saloons / estates / 4 seat coupes, 1401 to 1800cc

D Other saloons / estates / 4 seat coupes, over 1800cc (will be re-classified for ACSMC Championship results)

E Production (open and fixed roof) 2 seat sports cars

F Lower volume sports cars, kit cars suitable for road use, and others ineligible for classes A to E due to modifications.

G Standard Electric Vehicles.

All cars must comply with [GR J5.17 & 5.18](#) (page 150). In effect, this means that **exhausts MUST** be silenced to normal road going standards. If, in the opinion of the organisers, a car exceeds an acceptable exhaust noise level, when being driven on the course, it will be excluded. A noise test may be conducted on specific cars in accordance

with GR J5.18.

Cars eligible for Class A shall run in that class, rather than in the corresponding class from B to E, but must also meet the **Additional Eligibility Requirements** as for classes B to E, as stated below.

Class F includes all Caterham, Westfield, Lotus, Clan, Ginetta and similar vehicles.

Diesels, with or without forced induction, will run in the class corresponding to their capacity. A petrol engine with forced induction, in class B or C, will move up one capacity class. A rotary engine will be classed at twice its nominal capacity.

Classes with fewer than 4 entries may be amalgamated for the purposes of allocating event awards.

All cars must retain the original body profile above the hub centreline, apart from accessories such as spoilers and wheel arch extensions.

Cars not conforming to this requirement, or one-off specials, or kit cars of an 'off-road' nature, or electric powered or hybrid electric/other motor-powered cars are not eligible for this event.

Suspension may be modified, within its original configuration.

In all Classes, tyres in Motorsport UK's current [List 1B and 1C](#) (starting on page 200) may not be used, nor may tyres marked 'competition use only', or manufactured without a full tread pattern, be used. At the start of the event, all tyres in use must comply with Construction and Use regulations, having at least 1.6mm of tread across the required width of the tyre, as specified in [GR J5.9.1 to 5.9.6](#) (page 148) and [GR L2, 2.1 & 2.3](#) (page 196), whether or not the tyres in use are on List 1A. At any time during the event, **no tyre** in the view of the officials deemed to have damage to the side walls, or no tread pattern remaining, or any layers below the tread compound showing may be used, and shall be replaced with suitable tyres before further participation in the event.

Additional Eligibility Requirements, Classes A to E:

In classes A to E, cars must retain the original panel and window materials although accessories such as spoilers and wheel arch extensions may be added. They must have full trim and the original number of seats fitted although the type may be changed. The engine must be from the original manufacturer and of the original basic type (eg BMC 'A' series) and fitted in the original position, but may be a different version, may be modified, and may be a different capacity, provided the car is entered in the class corresponding to its actual capacity. The transmission must also be from the original manufacturer and of the same basic type, but ratios and differential type can be changed, including fitting a LSD. Cars not meeting all the above requirements are eligible only for Class F.

The Organisers' decision will be final, regarding the eligibility and most appropriate class for any particular car.

6. As per [GR M24](#) (page 211): cars entered in AutoSolos must be UK registered, taxed, insured, MOT tested if applicable, and driven to the event. NB: **these requirements will be enforced**. Proof of road tax paid from www.gov.uk/check-vehicle-tax; proof of insurance cover, and MOTs (for cars over 3 years old, but built after 1959) must be available at signing on. Trade plates will not be accepted.

7. **Awards** will be as follows:

- First Overall: To the driver with the lowest total time – An Award.
- 1st in Class - An Award.
- 2nd in Class - An Award (min 4 entries in class).
- 3rd in Class - An Award (min 8 entries in class).
- Index award: To the driver with the lowest Index-adjusted total time – An Award.
- Best Young Driver: 1st driver under the age of 17 years on the date of the event (based on the lowest index adjusted time) – An Award.

No driver shall win more than one award.

For the Index award and Best Young Driver award, the times will be factored by the following Index of Performance, based on the results of recent FDMC Solos:

Class	A	B	C	D	E	F
%	92	94	96	97	99	100

8. **Entries:** The entry list opens on publication of these SRs.

The Secretary of the Meeting and Entries Secretary is **Simon Taylor**.

Tel: 07966 826 706, 9:00am to 10:00pm.

Email: simontaylor@fdmc.org.uk

Methods of entry and payment

a. Web Entry ONLY

At the end of these regs, there is a link to the event page, where an entry form can be completed online and submitted to the Entries Secretary, together with a button for separately paying via PayPal or bank card. Any problems with making an entry please call the Entry Secretary.

b. Entry Fee

The entry fee is £50 per driver or £15 for drivers under 21 on the day of the event.

Entries sent after last Monday 27th March before the event must add £5 late entry fee.

The maximum entry is 60, and the minimum 24. There could be a reserve list if entries demand it.

Places can only be allocated to entries received by the Entries Secretary on the official on-line entry form and for which the correct entry fee has been paid.

Entries must be received no later than Tuesday 28th March, the maximum may be reached before this date. Entries will be accepted in order of receipt, and in their order of payment, if applicable. FDMC member entries and the first 10 ACSMC Championship entries will have priority for the first 48 hours after publication of these Regulations.

“Junior” non-RTA divers will be given priority entry till the 27th March.

If joining FDMC to enter, there is an [application form](#) on our website, to be submitted by post, with the membership fee, at the same time as your entry. At present we do not accept online membership applications.

A list of entries received will be displayed and updated periodically on FDMC's website. Provided you have supplied an email address, entries will be acknowledged by email, and Final Instructions Part 1 will be issued by email by Thursday, 29th March.

If the event has to be cancelled for any reason, entry fees will be refunded less any unavoidable expenses. If a competitor has to withdraw, and gives reasonable notice and reason, their entry fee will be refunded, as far as reasonably possible.

9. Other Officials of the meeting are:

Clerk of the Course: Iain Eckett

Secretary of the Meeting Simon Taylor SimonTaylor@FDMC.org.uk 07966 826 706

Chief Scrutineer: TBA

Safeguarding Officer: Jessica Castle Jessicacastle90@hotmail.co.uk

Event Steward: TBA

Further officials will be named in the Final Instructions, if necessary.

10. Final Instructions will be issued as part of the Signing On process, and will confirm details of the courses, the number of entries and competition numbers allocated. You will need to print all of these yourselves.

11. Timing will be by beam operated timing gear to 1/100 second, or by stopwatches to 1/10 second if circumstances require. It is planned to have a set of alignment lights on the start line, so that cars can all be lined up consistently. If you wish to fit a timing strut to your car, you may do so. The starting signal is planned to be a green light, indicating that the competitor should start the test as soon as they are ready, without undue delay. Cones may be less than 1 metre high. Competitors will be identified by numbers allocated. These are to be affixed to an easily visible location on each side of the competitor's vehicle. Inside rear window is good where possible.

If you wish to fit a timing strut, S10.10 is the official specification: fitted at the front, vertically, 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.

12. It is planned that competitors will have the opportunity for three attempts at each test, with the best two performances counting towards the results. Marking and penalties will be as per [GR Table M.7](#) (page 212), as follows:

- The penalty per marker/cone/cone base hit is 5 seconds.
- A maximum time, eg for a wrong test, will be the fastest in class, on that run, plus 20 seconds.

13. As per [GR M22](#) (page 211), a passenger (same one all day) must be carried where the driver is not the holder of a full RTA licence. The nominated passenger must be the holder of, and produce their full RTA licence at signing-on, and must be experienced in AutoTest or Solos. They may also compete in the event. However, it must be noted that they will still be required to marshal on the same basis as all other competitors.

NO passenger may be carried by other competitors while competing.

14. The event format requires that all competitors shall also act as course marshals, on a rotating basis. All officials, and competitors while acting as marshals, will be Judges of Fact for the purposes stated in [GR M2.2 & M8](#) (pages 208-9), and will be signed-on (in advance) as officials of the meeting.

15. Provisional results will be published online at the end of the event. Any protest must be lodged in accordance with [GR C 5.1 to 5.7](#) (pages 70-1) by email.

16. Practising, or driving unsafely anywhere on the site, may result in exclusion. The “Off Course” site speed limit is 10mph.

17. Cars must not be driven anywhere on the site by un-licenced or under age drivers, unless competing in accordance with SR 3, when they **must** be accompanied by the nominated passenger.

18. Directions & Facilities

FDMC’s website will include Google map directions, on the Event Location pages [here](#). The event should also be arrow’d from the turnoff on the A34, Marcham interchange. A site toilet is planned to be provided at the Solo site, details will follow.

ANY QUESTIONS, CALL THE ENTRIES SECRETARY (SEE SECTION 8).

ENTER & PAY ONLINE:
www.fdmc.org.uk/aprilsolo23