



**AutoSolo and All Forwards Production Car Autotest**  
**Sunday 18<sup>th</sup> July 2021**  
**Cheltenham Racecourse**



**Summer Auto Solo**

**Please take the time to review the COVID- 19 Regulations for this event**

# EMCOS Summer Auto Solo

## AutoSolo and All Forwards Production Car Autotest

EMCOS will organise a Clubman AutoSolo and All Forwards Production Car Autotest (PCA) on Sunday 18<sup>th</sup> July 2021, at Cheltenham Racecourse Gloucestershire GL50 4SH.

Venue access from Roundabout Junction of the A435, B4075 and Swindon Lane, Cheltenham Gloucestershire GL50 4SH enter Main racecourse grounds and follow roadway to North Car Park (keeping Race Course & buildings to your right). If security barriers are in place then refer to the EMCOS Motorsport Event.

### 1. Jurisdiction

The meeting will be held under the General Regulations of Motorsports UK (incorporating the provisions of the International Sporting Code of the FIA), these Supplementary Regulations and any written or verbal instructions issued by EMCOS.

### 2. Authorisation

AutoSolo – Motorsport UK permit No ##### has been applied for

All forwards Production Car Autotest - Motorsport UK permit No ##### has been applied for.

### 3. Officials

**Clerk of the Course:** Mark Benstock Tel: 07891 160891 email: [benstock.mark@yahoo.co.uk](mailto:benstock.mark@yahoo.co.uk)

**Entries Secretary:** Connie Leyfield, 2 North Home Road, Cirencester, GLOS, GL7 1DP  
Tel: 01285 670749 email: [entries@emcos.co.uk](mailto:entries@emcos.co.uk)

**Secretary of Meeting:** Mark Benstock Tel: 07891 160891 email: [benstock.mark@yahoo.co.uk](mailto:benstock.mark@yahoo.co.uk)

Please do not telephone officials after 21:00.

### 4. Eligibility

The event is open to fully elected members of the organising club Plus the following clubs

- CMSGCC
- Cheltenham MC
- Cirencester CC
- 60 & Worcester MC
- Oxford MC
- Stroud & DMC

If you wish to enter but are not a member of an invited club, membership to EMCOS can be purchased for £10 for membership expiring 31<sup>st</sup> December 2021, or one day membership for £2.

### 5. Championships

This event is part of the following AutoSolo Championships:-

**2021 ACSMC AUTOSOLO CHAMPIONSHIP - Peter Cox - [peter@the-coxes.com](mailto:peter@the-coxes.com)**

**ASWMC AUTOSOLO CHAMPIONSHIP – Philip Turner – [autosolo@aswmc.org.uk](mailto:autosolo@aswmc.org.uk)**

CMMSG AUTOSOLO CHAMPIONSHIP on behalf of the AWMMC in association with BP Motor Bodybuilders and Engineers - Haydn Marks - [haydnmarks@hotmail.com](mailto:haydnmarks@hotmail.com)

and will be run in accordance with D 4.5 from Motorsport UK Year Book 2021. All Clubman competitors must hold as a minimum a **Motorsport UK RS Clubman Licence**. This can be obtained at no cost by following the link <https://rsclubman.motorsportuk.org>

## 6. Entries

On line entries will open at 10.00 on Saturday 19<sup>th</sup> of June using the following link:

<https://autotest.sapphire-solutions.co.uk/register.php?sitename=emcos>

and will close at 18:00 on Wednesday 14<sup>th</sup> July 2021.

The entry fee is **£38.00 for either event**.

Payment must be made with a bank transfer to our EMCOS club account

**EMCOS RALLY Sort Code: 40 43 21 Account Number: 21671405**

**Entries will only be accepted once payment is confirmed.**

EMCOS Single Membership is available and valid until the end of December 2021 at £10.00 per competitor. One day membership for the day of the event is also available at £2.00.

[membership-form-2020.pdf \(emcos.co.uk\)](#)

The maximum number of starters for the event will be 40. The minimum is 20.

Entries will be selected on a **first come, first served basis**. Cancellations must be made to the Entries Secretary by E-mail and must be received before the entry list closes at 18:00 on Wednesday 14<sup>th</sup> July 2021. Cancellation before July 10<sup>th</sup> the entry fee will be refunded in full. For cancellations made on 11<sup>th</sup> July through to closing date will incur a small admin fee, refunds after the closing date will be at the discretion of the organisers.

If the event is cancelled for any reason (including Covid-19 restrictions), entry fees will be refunded less any unavoidable expenses.

Final Instructions and details for electronic Signing-on will be emailed to all given email addresses as soon as possible after entries close. Competitors will be asked to print their own maps and vehicles numbers

## 7. Classes

Class **A**. Series Production Cars – Saloons up to 1400cc

Class **B**. Series Production Cars – Saloons 1401cc to 2000cc

Class **C**. Series Production Cars – Saloons over 2000cc

Class **D**. Series Production Sports Cars – including MX5, Lotus Elise, Vauxhall VX220.

Class **E**. Specialist Production Cars including Kit cars [Caterham, Westfield, etc.] and all other vehicles not eligible in classes A, B, C & D.

**AutoSolo – Cars must be road legal, have an MOT where applicable and must be driven to the event**

Class **F**: **PCA** – Cars can be trailered to the event.

## **PCA – Cars can be trailed to the event but must be considered safe by the event scrutineer.**

A MOT is not required but the vehicle, in the opinion of the scrutineer, must be in safe condition to participate in the event. A passenger must be carried on all timed tests. Touch points on the car must be sanitised before each run and face coverings are mandatory.

### **Junior Award**

Eligibility for the Junior Award is based on the age of the competitor and only open to 14, 15, 16 or 17 year olds who do not have a full DVLA driving license.

## **8. Vehicles**

- 9.1 Both petrol and diesel propelled cars are eligible for this event. However, we cannot accept any electric or hybrid vehicles in line with Motorsport UK regulations
- 9.2 All cars must retain the original panel and window materials although additional panels such as wheel arch extensions are permitted. Cars must have full trim and seats, although trim may be changed. The engine must be of original manufacture and original basic type and must be fitted in the original position. The engine may be modified and may be of a different capacity to the original.
- 9.3 Cabriolet / Sports cars can compete without a hood or a fitted hard top.
- 9.4 Cars that are transported to the event are acceptable for PCA entrants.
- 9.5 The driver and passenger must wear a properly fastened and approved seat belt at all times during the tests, except where competing in a Period Defined vehicle [Non-Rally] categories A-F. [M21.4 Page 223].
- 9.6 At this time, electric/hybrid vehicles cannot be accepted due to the special safety and training requirements needed in the event of an accident.
- 9.7 A car may not be entered to compete for the same award more than twice, unless otherwise specified in the SR's, and in all circumstances, it must be driven by different drivers. [M.11.3 Page 222].

## **9. Passengers**

- 10.1 **Passengers must be carried in the PCA and they must be in possession of a Motorsport UK RS Clubman Licence and a qualifying club card.** In an open topped car, age and height qualifications apply.
- 10.2 **Passengers must be carried in the PCA on all timed tests** occupying the front seat alongside the driver. No other passengers are allowed.
- 10.3 Passengers taking part in the PCA event must comply with M16-16.5 page 210 with specific notice of Cabriolet / Sports cars with or without a hood or a fitted hard top.
- 10.4 The passenger in a Touring Car, or a Cabriolet/Sports Car **with** the hood erected or a hardtop fitted, must be aged 12 years or over and be at least 135cm in height. [M.16.4 Page 210].
- 10.5 The passenger in a Cabriolet/Sports Car **without** the hood erected or hardtop fitted must be aged 16 years or over and be at least 135cm in height [M.16.5 Page 210].
- 10.6 The PCA passenger can be a passenger only or a fellow driver. All passengers must be signed on for the event but it will be possible to change passengers between tests. If a driver does not have a passenger with them it will be appropriate to ask a fellow competitor from the same group.

## 10. Programme of the Meeting

Signing on must be completed electronically before 18:00 on July 15<sup>th</sup> 2021

Limited non-contact Scrutineering will start at 08.00 and close at 08:45.

There will **NOT** be a driver's briefing. Briefing will be sent electronically for all entrants.

First test will start at 09:00, with an estimated finish about 16:30.

There will NOT be a specific break for lunch. Due to Covid-19 restrictions there will not be any on-site catering and entrants are recommended to bring food and drink sufficient for the whole day of competition.

## 11. Signing On

All Clubman competitors (drivers and passengers) must hold as a minimum a **Motorsport UK RS Clubman Licence**. This can be obtained at no cost by following the link <https://rsclubman.motorsportuk.org>

Membership to EMCOS will be available.

The minimum age for drivers in the Production Car Autotest is 14. [M 22 a,b,c Page 223].

All signing on will be via electronic means in advance of the event and competitors will be asked to print their own copies of Test Diagrams, Vehicle Identification Numbers, Test / Marshalling running order and if required a drivers briefing and entry list.

**No paperwork will be available on the day.**

Vehicle numbers must be displayed throughout the competition on both sides of the vehicle (in a rear window if available).

## 12. Requirements for Drivers without a RTA Licence

The PCA is open to drivers 14 yrs old and over who do not hold a valid, full RTA licence subject to Motorsport UK year book [M16 – M16.5, M17 a,b,c; M22 a,b,c pages 222/223].

The vehicle must be by definition be a 'touring car'.

Engine capacity must not exceed 2000cc including forced induction.

A passenger must be carried who holds a valid, full RTA licence, and be experienced in Autotests or AutoSolos.

## 13. Marshals

Competitors will be split into 3 groups. At any one time one group will be competing, a second group will be marshalling and a third group will be preparing to marshal / drive.

Groups will be identified by colour indicated on the entry list and start number.

All officials and competitors while acting as marshals, will be Judges of Fact to adjudicate on false starts, hitting cones and not following the correct course. All Marshals will need to provide their **own Tabards** and distance themselves from others according to covid guidelines. The organisers will have hand sanitising points on the venue.

## 14. Scrutineering

All vehicles must comply with MSUK Technical Regulations.

For PCA vehicles a MOT is not required but the vehicle, in the opinion of the scrutineers, must be in safe condition to participate in the event.

## 15. Tyres.

The Tyres in list 1A are regarded by the Manufactures as STANDARD ROAD TYRES. (page 212 onwards MSUK Blue Book) Tyres from the MSUK **Lists 1B and 1C** will **NOT** be eligible for AutoSolo events. Tyres marked 'for competition use only', manufactured without a full tread pattern, or in an un-roadworthy condition will not be acceptable.

A list of 1B & 1C tyres will be held by the event scrutineer.

## 16. Tests

The event consists of all forwards tests, on sealed surfaces with competitors being provided electronically with a diagram for each test. The event will consist of a maximum of 4-test layouts applied to one test area. Time will be allowed to walk the course before the start of each test. Competitors will have three timed runs

on each test with the best two runs to count (If time dictates test 3 will be repeated rather than re-setting the course for Test 4).

The STOP signal may be displayed because of an obstruction on the course, whether this is object or personnel. A competitor must stop immediately on the deployment of the STOP signal and when told drive slowly back to the start.

If a test is stopped on the grounds of safety any competitor deemed to be negatively impacted will be allowed another run. Competitors causing an obstruction and forcing a rerun for others will not be allowed a rerun The START method and STOP signal [Red Flag] will be described in the electronic drivers briefing.

The route to be followed on each course will be designated using cones supplemented by coloured cones laid on their side to show which side to pass each marker. Numbered boards will show the order in which each marker is to be passed. Course layouts will be available electronically before the day of the event. The separate start, finish and stop lines will be indicated on the course diagrams.

Timing will start when the front wheels cross the start line and stop when the front wheels cross the flying finish line. Competitors **must** then reduce speed and **stop** at the STOP line to obtain the time and return to the paddock at walking speed. Competitors failing to stop at the STOP line must park and walk back to the control to obtain their time.

## 17. Timing and Timecards

On each test the timing marshal will verbally indicate to the driver that they are able to commence. The driver will then start in their own time.

Timing will be by hand-held phones/stop watches at the Start and Finish. Timing will be in Seconds to the previous tenth of a second (1/10<sup>th</sup>).

Results will be determined discarding the worse time recorded on each test.

Where there is a tie the result will be determined by the aggregate of the first runs over each test, then the aggregate of the second runs over each test etc until the tie is resolved.

To be classed as a finisher, a competitor must start at least two runs at each tests bar one i.e. if there are four tests, a finisher must attempt at least two runs of each of the first three.

Time cards are for competitors own use. The timing marshal will show the time to the driver and will then transmit each competitor's time electronically direct to the results co-ordinator. **No paperwork will pass between the marshal and the driver.**

## 18. Penalties

The following penalties will be applied.

Maximum time is the quickest time in class for that test plus **30** seconds.

- |    |  |                                      |
|----|--|--------------------------------------|
| 1] | Failure to signing on.   | Exclusion                            |
| 2] | Taking an incorrect route on any test (Wrong Test)<br>[however, returning to the point of departure from the correct route and then completing the correct route, so long as the correction does not impede the next car, <b>will not</b> Incur a penalty] | Fastest time + 30 seconds (WT)       |
| 3] | Striking a cone or pylon (Cone Penalty)  | +5 seconds                           |
| 4] | Failing to stop in box after crossing finish line (Line Penalty)   | +10 seconds                          |
| 5] | Missing a run or test  | Fastest class time + 30 seconds (WT) |
| 6] | Not completing a full marshalling stint  | Exclusion                            |
| 7] | Reversing back after failing to stop at the stop control   | Exclusion                            |
| 8] | Not wearing seatbelts [if fitted] during a test  | Exclusion                            |

## 19. Results and Awards

Provisional results will be published on the timing App as soon as possible following the end of the event, and declared final after 30 minutes as in D27.1.1 page 84. Protests and Queries must be lodged in accordance with C 5.1 to 5.7, page 71/72

There will be an Awards Ceremony, with provision for any Covid-19 restrictions

We will be giving awards as follows:-

- Overall Driver FTD from both events
- First Driver from each class (provided there are 3 competitors or more)
- Best Junior Driver (aged 17 or under at date of the event)
- No competitor may win more than one award in any event.

## 20. Toilets, Food and Fuel

- **Due to Covid-19 restrictions there will NOT be any catering on the venue. Please bring your own Food/drink**
- Toilets will be provided.
- No fuel will be available to purchase on the venue

ALL REFERENCES TO REGULATIONS REFER TO THE MOTORSPORT UK 2021 YEARBOOK

A copy of the year book will be available with the event Secretary.

**With Thanks to Oxford MC and Dave Gregory from Cirencester Car Club for help with this paperwork.**

### About All Forward PCAs

An All Forwards PCA consists of a number of timed tests, on hard surfaces.

The courses don't require special manoeuvres like spin or J turns and their design and marking are intended to make the routes easy to follow.

Compared to a normal autotest speeds tend to be a little higher and the tests will be longer. Cars will start at timed intervals and there will be two or more cars on the course at the same time. Competitors also act as course marshals on a rotating basis.

Some tips for first timers,

- Increasing tyre pressures by 5-10 psi will help with turn in and reduce wear.
- Always wear a seat belt. You will go faster.
- Learn the course. Don't go flat out and make a mistake on the first run.
- If you make a mistake drive the rest of the course properly. You are still learning
- Talk to regular competitors for advice.
- ENJOY YOUR DAY.

## COVID -19 Rules

These are exceptional circumstances and the organising club must comply with the latest Government and Motorsport UK guidance on Coronavirus at all times. These are in line with the Government's recommendations on social distancing, face coverings and Motorsport UK's guidance; Motorsport UK Getting Back on Track (Version 25<sup>th</sup> May 2021)

All motorsport events operating during the Covid-19 pandemic need to ensure they are protecting their competitors, officials and marshals whilst keeping the local communities in mind and minimizing the risk of spread of infection as far as possible.

By signing on to this event you have effectively signed to agree that you will comply with the event's Covid-19 Code of Practice. Any official, marshal, competitor observed by the Covid-19 Officer or any other official to be NOT COMPLYING with this Code of Practice will be reported to the Clerk of the Course and could be excluded from the event and if necessary, asked to leave the venue immediately.

The pre Covid - 19 Health and Safety requirements of any motorsport event must also not be compromised at this time. Social Distancing of 2m must be adhered to at all locations throughout the venue.

Face coverings must be worn by all personnel on the venue at all times with no exceptions. These will NOT be provided. There is no 'medical dispensation' regarding face coverings. If you can't wear a face covering then please stay at home. No Spectators will be permitted.

It's the responsibility of every individual to ensure they frequently clean/sanitise their hands which remains the primary best practice for maintaining hygiene and minimising the risk of spread of infection. There will be sanitising stations around the venue and in particular you are asked to sanitise any touch points in toilet facilities before and after use.

Can ALL individuals please provide their **own PPE including hand sanitiser** if at all possible. By signing on to this event you have effectively signed to agree that you will comply with this Code of Practice while at the event venue and you agree with the following statement:

I am not currently experiencing any symptoms of COVID-19 and have not knowingly been in contact with anyone showing symptoms within the last 14 days, except as a healthcare professional. If after agreeing to attend the event I do knowingly come into contact (except as a healthcare professional) with someone with COVID-19 or if I start to exhibit any of the signs indicating that I may be infected I will immediately withdraw from the event, notify EMCOS and ensure that my close contacts also do not attend. Should I become ill at or start to exhibit COVID-19 symptoms at the event I shall withdraw safely and notify the Secretary of the Meeting by telephone /SMS accordingly including identification of those others who I have come into contact with at the event. I agree to abide by all Government and Motorsport UK requirements imposed in respect of COVID-19. I understand that Motorsport UK Guidance on COVID-19 in relation to Events has Regulatory status and to the extent applicable shall supersede the General Regulations by virtue of GR A.2.4. Breach of this obligation may lead to disciplinary action being taken (C.1.1).

**If you cannot operate within these rules, please do not enter this event.**



## LIST 1B Sports/Upated Tyres Suitable for Competition

Tyres on this list are **not** acceptable for AutoSolo events.

|  |  |  |
|--|--|--|
| <b>ACCELERA</b> <ul style="list-style-type: none"><li>• Sport 651</li></ul>  | <b>KUMHO</b> <ul style="list-style-type: none"><li>• *Ecsta V700 (including V70A) (OE fitments only 215/40x17,225/40x18 92W, 245/35x18XL92W. All marked K91)</li></ul> | <b>YOKOHAMA</b> <ul style="list-style-type: none"><li>• A032 – R (165/70x10 only)</li><li>• A048 – LTS (OE fitments marked LTS in sizes 195/50x16 &amp; 225/45x17only)</li><li>• Advan Neova AD08R</li><li>• Advan A052</li><li>• Advan Neova AD08RS</li></ul> |
| <b>AVON</b> <ul style="list-style-type: none"><li>• ACB 10 Sport (pre 1/10/90)</li><li>• CR6ZZ (Including Sport) (pre 1/10/90)</li><li>• Turbospeed CR28 Sport (pre 1/10/90) (1) Only applicable where an OE fitting.</li></ul> Contact Motorsport UK Technical Department for verification. <ul style="list-style-type: none"><li>• CR500</li><li>• *ZZR (15156 &amp; 15157)</li><li>• ZZS</li><li>• ZZR (8018 &amp; 8019)</li><li>• CR27 (pre 1/10/90)</li></ul> | <b>MAXSPORT</b> <ul style="list-style-type: none"><li>• *RB4 Intermediate (retread)</li><li>• *RB5 (retread)</li><li>• *RB6 (retread)</li></ul>                        |  |
| <b>BRIDGESTONE</b> <ul style="list-style-type: none"><li>• *Potenza S007 RFT</li></ul> <b>COOPER</b> <ul style="list-style-type: none"><li>• RS3–RS</li></ul>  | <b>MICHELIN</b> <ul style="list-style-type: none"><li>• *Pilot Sport Cup</li><li>• Pilot Sport Cup 2</li></ul>   |  |
| <b>CONTINENTAL</b> <ul style="list-style-type: none"><li>• Conti Force Contact</li></ul>   | <b>NANKANG</b> <ul style="list-style-type: none"><li>• NS–2R</li><li>• AR–1</li></ul>  |  |
| <b>EXTREME</b> <ul style="list-style-type: none"><li>• *VR1 (retread)</li><li>• *VR2 (retread)</li></ul>   | <b>PIRELLI</b> <ul style="list-style-type: none"><li>• CA67</li><li>• P Zero Corsa</li><li>• P7 Corsa Classic</li><li>• P Zero Trofeo R</li><li>• CN36</li></ul>       |  |
| <b>FEDERAL</b> <ul style="list-style-type: none"><li>• *F60</li><li>• *595 RSR</li><li>• *595 RS-PRO</li></ul> <b>GITI</b> <ul style="list-style-type: none"><li>• Sport GTR3</li></ul> <b>INTERSTATE</b> <ul style="list-style-type: none"><li>• Race DNRT</li></ul>  | <b>TOYO</b> <ul style="list-style-type: none"><li>• Proxes R888</li><li>• Proxes R1R</li><li>• Proxes R888R</li></ul>  |  |

## LIST 1C Sports/Uprated Tyres Suitable for Competition

Tyres on this list are **not** acceptable for AutoSolo events.

|  |
|--|
| <b>AVON</b> <ul style="list-style-type: none"><li>• ZZR</li></ul>  |
| <b>COOPER</b> <ul style="list-style-type: none"><li>• RS 3-R</li></ul>   |
| <b>DUNLOP</b> <ul style="list-style-type: none"><li>• Direzza DII</li><li>• *Formula R D83J</li><li>• *Formula R D84J</li><li>• Direzza DZ03G</li><li>• Sport Maxx Race</li><li>• Direzza DIII</li></ul> |
| <b>FEDERAL</b> <ul style="list-style-type: none"><li>• *FZ 201</li><li>• *T-10</li></ul>   |
| <b>GITI</b> <ul style="list-style-type: none"><li>• Compete GTR 2</li></ul>  |
| <b>KUMHO</b> <ul style="list-style-type: none"><li>• Ecsta V700 (including V70A) (Any Compound)</li></ul>  |
| <b>MICHELIN</b> <ul style="list-style-type: none"><li>• TB15</li><li>• TB5 (f &amp; r)</li></ul><br><b>MRF</b> <ul style="list-style-type: none"><li>• ZTR (Marked Trackday)</li></ul>                   |
| <b>YOKOHAMA</b> <ul style="list-style-type: none"><li>• A021-R</li><li>• A048</li><li>• A050 Medium Compound</li></ul>   |
| <b>ZESTINO</b> <ul style="list-style-type: none"><li>• *Gredge 07R</li></ul>   |