



2017 CAMS NSW FORMULA RACE CAR CHAMPIONSHIP

1. OBJECTIVE

The objective of the championship is to promote and foster racing for 'wings & slicks' open-wheel race cars.

2. CATEGORY ORGANISERS

The category organiser is Formula Race Car Association (FRCA).

Category Representative: Greg Muddle (0432 890 708)

Technical Officer: TBA

3. ELIGIBILITY

- 3.1 Cars compliant with the applicable technical regulations and technical bulletins issued by CAMS, and issued with a log book for, the following classes or groups:
- (i) Australian Formula Two. This includes 1st Category Formula 3 cars with a build date prior to 31/12/94, fitted with an inlet air restrictor with a maximum diameter 24mm and issued with a Formula 2 log book.
 - (ii) Formula 3. Cars with a build date before 31.12.2007 and fitted with an inlet air restrictor of a maximum diameter of 26mm.
 - (iii) 1st category racing cars originally constructed as Australian Formula 2 or FIA Formula 3 with a chassis build date before 31 December 1998 that carry a CAMS logbook having been re-engined in accordance with Formula R technical specifications as lodged with FRCA.
 - (iv) 1st category racing cars not otherwise described above that comply with the eligibility criteria set out in the Formula Race Car Association Cup Class Eligibility document as posted on the FRCA website (www.frca.net.au).
 - (v) Formula 4000.
 - (vi) Formula 1000.
 - (vii) Open wheeled racing cars with historic (Group Q or R) log book. Cars must be ineligible for other NSW State Championship categories, and are permitted to have a capacity up to 2000cc.



(viii) Other open wheeled racing cars with engines that are derived from a motorcycle are permitted to have a capacity up to 1400cc, and are subject to rev limits as follows.

- Up to 1000cc 13,000rpm
- Up to 1200cc 12,000rpm
- Up to 1400cc 11,000rpm

Competitors should be able to satisfactorily demonstrate the proper application of these limits.

(ix) Other open wheeled racing cars that hold a CAMS 1st category or other eligible log book, that are ineligible for other NSW State Championship categories and are ineligible for the Formula 3 National Series. This excludes cars using a chassis originally built for Formula 3 that would have been eligible for the Formula 3 National Series.

3.2 Formula 3 cars not meeting the build date criteria in 3.1(ii) are permitted to compete but are ineligible for points.

3.3 Each car shall comply with the “General Requirements for Cars and Drivers” from the CAMS Manual of Motorsport.

3.4 Traction control. The use of electronically programmable launch control or traction control is not permitted.

3.5 Forced induction is not permitted.

3.6 Tyres.

(i) Tyre brand and compound is free, unless there is a binding and enforceable contract for the class of car.

(ii) Only four race tyres are permitted to be used for any one round of the championship. Tyres may be marked by the Technical Officer or his delegate prior to qualifying. These tyres must be used throughout the event, unless a replacement is approved by the Technical Officer for safety reasons. Wet weather tyres are free from this restriction.

(iii) Where a change of dry weather tyres is permitted under 3.7(ii), the car will start from rear of grid if the tyres are previously unused.

3.8 The category Technical Officer may request an inspection of any competing vehicle for compliance with eligibility rules in accordance with FRCA eligibility testing guidelines as posted on the FRCA website. Any inspection must be conducted in the presence of the competitor. Inspections may be random. The Technical Officer does not have the power to take action on a possible



infringement; however the Technical Officer may refer matters to the Chief Scrutineer.

- 3.9 Any eligibility inspections may be conducted by the Chief Scrutineer in accordance with any provisions of the CAMS Manual, including but not limited to matters referred by the Technical Officer, whether under section 3.8 above or otherwise. Where a matter has been referred to the Chief Scrutineer the inspection shall be conducted in Parc Ferme following the next practice, qualifying or race session if it cannot be agreed with the competitor to conduct it prior to that. The Technical Officer may assist the Chief Scrutineer in any inspection if so requested by the organisers or the Chief Scrutineer.
- 3.10 At the conclusion of qualifying or racing, cars may be directed to Parc Ferme without first returning to their pit area and without having been interfered with. Cars may be impounded in the designated Parc Ferme and not must be removed or worked for any purpose without the permission of the Chief Scrutineer.
- 3.11 References in sections 3.8 to 3.10 to the Technical Officer and Chief Scrutineer shall be equally applied to the appointed delegates (in the case of the Technical Officer, this must be in writing).

4. CLASSES

- 4.1 Class A - AF2 & Invited Cars. The following cars shall be eligible:
- (a) Australian Formula 2 cars eligible under paragraph 3.1(i);
 - (b) Other cars complying with the eligibility criteria as set out for 'Class A' cars in Formula Race Car Association Cup Class Eligibility as posted on the FRCA website (www.frca.net.au).
- 4.2. Class B - Cup Class Cars: The following cars shall be eligible:
- (a) Formula 3 cars eligible under paragraph 3.1(ii) with a chassis construction date prior to 31 December 1998 (Dallara chassis cars must be F398 series or earlier);
 - (b) Formula R cars eligible under paragraph 3.1(iii);
 - (c) Other cars complying with the eligibility criteria as set out for 'Class B' cars in Formula Race Car Association Cup Class Eligibility as posted on the FRCA website (www.frca.net.au).
- 4.3 Class C - Formula 301/304: The following cars shall be eligible:



- (a) All Formula 3 cars eligible under paragraph 3.1(ii) with a chassis construction date prior to 31 December 2004 (Dallara F304 series or earlier) but ineligible for Class B.

4.4 Class D - Formula 3 National Class: The following cars shall be eligible:

- (a) All Formula 3 cars eligible under paragraph 3.1(ii) with a chassis construction date prior to 31 December 2007 (Dallara F307 series or earlier, Mygale M-07 or earlier), but ineligible for Classes B and C.

4.5 Class E - Open Formula: Shall be open to all eligible cars not complying with eligibility for classes A to D.

5. REGISTRATION & DRIVER ELIGIBILITY

5.1 All Drivers competing at more than two rounds are required to register for the championship and pay a registration fee. Points will not be recognised toward the championship until the registration fee has been paid.

5.2 The fee payable is \$100. For FRCA members, registration is included in their membership fee.

5.3 Fees will be held by FRCA. At the end of the season any unspent monies will be held in custody by FRCA for subsequent use or spent on trophies, presentations or promotion.

5.4 In addition to the registration fee, additional fees may be levied on all competitors to cover specific costs associated with the championship, subject to approval by FRCA members at a properly constituted meeting.

5.5 Professional drivers and those who have placed 1st to 3rd outright in a national level series for category 1 cars in the previous 3 years are ineligible.

6. CHAMPIONSHIP & POINTSCORE

6.1 A separate pointscore shall be maintained for the Outright Championship and for the Overall Class Championship.

6.1.1 For the Outright Championship points will be awarded based on finishing order regardless of Class.

6.1.2 For the Overall Class Championship points will be awarded based on finishing order within the respective class.

6.2 In determining the points from each race, placings shall not include drivers that are not eligible for the championship under either paragraphs 3.2 or 5.5.



6.3 In the Outright Championship points will be awarded as follows:

6.3.1 For cars classified as starting each race, 5 points; and

6.3.2 For cars classified as finishing each race in order (regardless of Class) additional points as follows:

1st	20 points	6th	8
2nd	16	7th	7
3rd	14	8th	6
4th	12	9th	5
5th	10	10th	4

With 2 points awarded to all other cars classified as finishing.

6.3.3 Points will be aggregated for the championship as follows:

- (a) Points for starting each race (under 6.3.1) – all races to be included;
- (b) Points for finishing each race (under 6.3.2) – the 10 results with the highest aggregate of points.

6.3.4 The driver with the highest aggregate points will be declared the Outright Champion.

6.4 For the Overall Class Championship points will be awarded as follows:

6.4.1 For cars classified as starting each race, 5 points; and

6.4.2 For cars classified as finishing each race in order within the particular class, points in accordance with 6.3.2, except that this shall be reduced by where there are 4 or less eligible cars.

6.4.3 For races where there are 3 or less eligible drivers within a class:

1st 16 points

6.4.4 2nd 12 3rd 9 For the purpose of section 6.4, the number of 'eligible drivers' will be determined as the total number of drivers competing in that class who have been classified as starters in any practice session, qualifying session or race for that round.

6.4.5 Points will be aggregated for the championship as follows:

- (a) Points for starting each race (under 6.4.1) – all races to be included;
- (b) Points for finishing each race (under 6.4.2 and 6.4.3)– the 10 results with the highest aggregate of points.



- 6.4.6 Subject to 6.4.7, the driver with the highest aggregate points will be declared the Overall Class Champion.
- 6.4.7 Class points will not be included in the Overall Class Championship calculations for any class with less than 3 competitors each having been eligible to score points in at least 3 rounds.
- 6.5 Full points will be awarded for any race where a minimum of 50% of the original race distance is completed and the result is declared. In the event of a race being red flagged with less than 50% race distance completed and not restarted no points will be awarded.
- 6.6 In the event of a tie on placing's in either championship, places shall be determined by comparison of the number of first placing's gained (the higher being the winner). If not resolved by this, comparison shall be made of the number of second placing's, then third placing's, and so on until a winner is determined. If after this process a clear winner is still not determined, the accumulated points prior to the last race (the higher being the winner) , second last race, etc. shall be the decider..
- 6.7 At the conclusion of the season trophies shall be awarded to first and second place finishers in both the Outright and Overall Class Championships
- 6.8 Trophies provided by the promoters at each round shall cover 1st 2nd and 3rd place outright based in the final race of each round.
- 6.9 FRCA will provide class trophies to class placegetters at each round where relevant (1st – minimum of 3 competitors in class; 2nd – minimum of 5; 3rd – minimum of 8)

7. COMPETITION NUMBERS

- 7.1 The number 1 shall be reserved for the sole use of the highest point's scorer from the previous year's Outright Championship, regardless of Class.
- 7.2 Competitors may request and reserve a competition number from the organiser, which will be allocated for their use at each round of the championship.
- 7.3 A driver registered for the NSW Championship shall have precedence over a non-registered driver having the same race number. For drivers who were registered for the State Championship in 2016 their competition number will be reserved until the 1st round, however they will forfeit precedence if they have not registered by that time.



8. RACES

- 8.1 Races will be conducted during scheduled Championship rounds, and races may be spread over one or two days in consultation with the Event promoter.
- 8.2 The championship will be conducted over 5 rounds.
- 8.3 Each round of the Championship shall comprise three (3) sprint races which count towards the pointscore. The third race shall be the trophy race and should be of a planned minimum duration of no less than 15 minutes. Duration may be expressed as a number of laps appropriate to the host circuit in the supplementary regulations of the event.
- 8.4 Grid positions will be determined for the first race according to the qualifying times and thereafter it will be progressive grids.
- 8.5 In the event of more than one qualifying session being scheduled, grid positions will be determined according to a driver's best time in any session.
- 8.6 In the event that scheduling permits more than three races for the round, additional races may be run but shall not be included in the pointscore nor impact on progressive grids for races included in the pointscore.
- 8.7 Where the ambient temperature is below 10 degrees Celsius, the race start procedure should include an additional warm-up lap prior to the cars forming on the grid where such a request has been made to the Clerk of the Course by the Category Representative or his delegate.

9. SPONSORS

Competitors shall carry any championship sponsor stickers in a clearly visible location as nominated by the organisers for championship sponsors. Failure to comply shall render the competitor ineligible to compete.