

# 2017 FFA NATIONAL FORMULA FORD SERIES SPORTING REGULATIONS

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## 1. TITLE AND JURISDICTION

### 1.1 Title

This Series shall only be known as and referred to as the “2017 Australian Formula Ford Series”(AFFS).

### 1.2 Jurisdiction

The Series constitutes the national pointscore for the club series for the Formula Ford Association (FFA).

Each event in the 2017 Australian Formula Ford Series shall be conducted under the provisions of the International Sporting Code of the Federation Internationale de l'Automobile (FIA); the National Competition Rules (NCR) and Race Meeting Standing Regulations (RMSR) of the Confederation of Australian Motor Sport Ltd (CAMS); the Sporting Regulations for this Series issues by the FFA; the technical regulations published by CAMS; Supplementary and Further Regulations issued by the Organiser at each round; Bulletins issued by the Formula Ford Association, the Stewards of the Meeting and any Driver Briefing Notes issued by the Clerk of the Course at a meeting.

Contact Details: Formula Ford Association Inc (ABN 42 015 166 048)

Phil Marrinon

13 Aintree Ave

Mulgrave Vic 3170

Ph: (03) 9560 8519

Mob: 0422 840 300

Email: [admin@formulaford.org.au](mailto:admin@formulaford.org.au)

Website: [www.formulaford.org.au](http://www.formulaford.org.au)

## 2. ADMINISTRATION

### 2.1 Personnel

The following personnel have been appointed to the Series by FFA and have the authority to administer the various aspects of these regulations as detailed in the RMSR.

- |     |                                 |                 |
|-----|---------------------------------|-----------------|
| (a) | Technical Director (TD)         | Mike Hanley     |
| (b) | Driving Standards Advisor (DSA) | Iccy Harrington |
| (c) | Category Manager (CM)           | Phil Marrinon   |

## 3. COMPETITOR ELIGIBILITY

To be eligible to compete in the Series, each Competitor must hold a current CAMS Competitor's Licence and be a current financial member of the FFA.

## 4. VEHICLE ELIGIBILITY

Each automobile must comply with the provisions of the CAMS Manual of Motor Sport – Race – 1st Category – RACING CARS - Formula Ford or Formula Ford 1600 to be eligible to compete in the Series.

### 4.1 Replacement Automobiles

Following the commencement of the first practice session of each round of the Series, any automobile that has been entered to compete at that round may not be replaced with another automobile. For the purposes of this regulation, the term “automobile” specifically includes the “chassis” of the automobile.

## 5. DRIVER ELIGIBILITY

To be eligible to compete in the Series, each Driver must hold a current CAMS Provisional Circuit Licence or higher, be nominated by an eligible Competitor and be a current financial member of the Formula Ford Association Inc.

### 5.1 Substitute Drivers

Prior to the commencement of the first qualifying session at each round of the Series, a Competitor may nominate a substitute driver who may be permitted to compete in the remainder of the meeting subject to the approval of the Stewards of the Meeting and the CM.

## 6. SERIES ROUNDS/REGISTRATION

The Series for Formula Ford cars shall be conducted over six (6) Rounds as detailed in the Series Calendar below. Each race conducted as a part of the Series shall count in determining the final results. The Formula Ford 1600 Series will be conducted over three (3) rounds as indicated below.

Each driver participating in all or part of the Series is required to register their entry with the CM and forward payment of the \$100+ GST series registration fee. Any driver who has failed to register ten (10) days prior to the intended date of competition may not be permitted to practice or race in that competition.

## 7. SERIES CALENDAR

Round 1	Sandown Raceway	4-5 March
Round 2	Wakefield Park Raceway	1-2 April
Round 3 *	Winton Raceway	19-21 May
Round 4 *	Queensland Raceway	7-9 July
Round 5 *	Sydney Motor Sport Park	16-17 September
Round 6	Phillip Island grand Prix Circuit	30 September – 1 October

\*Formula Ford 1600 round

## 8. ROUND FORMAT

The number, length and format of track sessions shall ultimately be negotiated between the CM and the event organiser prior to a round of the Series.

## 9. GRID DETERMINATION

- (a) In each race, Formula Ford automobiles shall be gridded first, followed by a vacant grid row then Formula Ford 1600 automobiles. In the event of the Grid Density being reached, the vacant row shall be deleted, and the Formula Ford 1600 automobiles gridding shall commence on the next row of the grid immediately behind the Formula Ford automobiles.
- (b) The grid for each Category shall be determined in accordance with RMSR 5.3 – Progressive Grid, that is, by qualifying order for Race 1 and previous race finishing order for Races 2 and 3.

## 10. START PROCEDURE

The start procedure for each race shall be as detailed in the RMSR – Non Championship Start – Standing Start. Unless directed by a promoter.

## 11. AWARDS AND POINTSCORE.

### 11.1 Prize and Trophies

Prizes, trophies and awards shall be determined by the CM a shall be advised to each competitor

### 11.2 Series Pointscore

(a) Points shall be awarded to each driver, based on their finishing position relative to the other drivers within the Category of the Series, for each race as follows:

1 <sup>st</sup> 20 points	6 <sup>th</sup> 10 points	11 <sup>th</sup> 5 points
2 <sup>nd</sup> 16 points	7 <sup>th</sup> 9 points	12 <sup>th</sup> 4 points
3 <sup>rd</sup> 14 points	8 <sup>th</sup> 8 points	13 <sup>th</sup> 3 points
4 <sup>th</sup> 12 points	9 <sup>th</sup> 7 points	14 <sup>th</sup> 2 points
5 <sup>th</sup> 11 points	10 <sup>th</sup> 6 points	15 <sup>th</sup> 1 point

(b) Points shall only be awarded to each driver classified as a finisher in the final results of each race.

- (c) Any race which is stopped, and not restarted, and during which less than 50% of the race distance has been completed by the leader shall be deemed a non-race in respect of Series points and no points shall be awarded.
- (d) Any race which is stopped and not restarted, during which 50% - 75% of the race distance has been completed by the leader shall be deemed to have been completed in respect of Series points but only 50% Series points will be awarded.
- (e) Any race which is stopped during which 75% or more of the race distance has been completed by the leader shall be deemed to have finished and full Series points shall be awarded.
- (f) In addition to the above, one (1) Series point shall be awarded to the driver achieving the fastest lap time in qualifying in each Category of each round of the Series.
- (g) The results for each round of the Series shall be determined by the number of points scored by each driver in each Category at that round.
- (h) In the event of a tie at the end of any round of the Series, the final positions for that round shall be determined by comparing the results of each of the tied drivers in the final race of that round. The higher place in the round results for each Category shall be awarded to the driver with the higher finishing position in that Category in the final race.
- (i) The driver gaining the highest points total over the six (6) rounds in each Category shall be declared the winner of that Category of the Series.
- (j) In the event of a tie at the end of the Series, final positions shall be determined by comparing the race results achieved by each tied driver, with the driver with the highest number of first places in a Category being awarded the higher Series position for that Category. If at this stage a tie still exists, it shall be resolved by comparing the number of second, third or fourth places in the relevant Category (and so on) achieved by each tied driver until each position has been determined.
- (k) Any points scored by a driver within a Category shall not be transferred if that driver changes to a different Category during the Series.

## 12. EVENT OPERATIONS

### 12.1 Series Registration and Entry

The Registration for the Series shall be under the FFA Series Registration Process.

Registration for the series is compulsory for all of the Series.

The entry fee shall vary dependent on the round.

Round 3 shall be run within a round of the Supercars Championship and entry shall be coordinated through the Formula Ford association. This round will require document collation by the FFA CM prior to the first session on Friday of the meeting.

Entry for all other rounds shall be through the respective track promoter. Entry details will be available through the promoter or the FFA website.

## 12.2 Oversubscribed Entries

In the event that the number of entries received for a round of the Series exceeds the track density for a particular venue, the acceptance of entries shall be made on the following basis:

- (a) If combined with a state round, non-registered competitors, then Registered Drivers who are contesting the full Series;
- (b) Registered Drivers who are contesting at least three rounds of the Series;
- (c) All other entries, to the track density, accepted in order of receipt.

## 12.3 Driver/Team Manager Briefings

Each Driver and Team Manager (i.e. an appropriately authorised representative of the Competitor, other than the driver) must attend the compulsory Driver/Team Manager Briefing. The time and location of this briefing may be detailed in the Supplementary or Further Regulations for the event. The attendance sheet must be signed by the Driver and the Team Manager to confirm attendance. Other compulsory briefings may be convened as required and shall be advised to each Competitor accordingly.

## 12.4 Impound/Parc Ferme

- (a) Each automobile, including those remaining in pit lane, must proceed directly to the designated impound/Parc Ferme area via the most direct route (or as directed by Race Officials) at the conclusion of each practice and qualifying session without interference from any third party (other than an Official of the Meeting).
- (b) Each automobile completing each race must proceed directly to the designated impound/Parc Ferme area (or as directed by Race Officials) at the conclusion of the race, without returning to pit or paddock areas and without interference from any third party (other than an Official of the Meeting).
- (c) Automobiles may not be removed from impound/Parc Ferme except with the express permission of the TC or the Chief Scrutineer.

## 12.5 Non-Qualifying Practice

- (a) Friday Session 1 and Saturday Session 1 – Round 1

Each automobile shall be pre-gridded within their Category in order of the driver's finishing position in the 2016 Australian Formula Ford Series. The Formula Ford automobiles shall be pre-gridded as a group in front of the Formula Ford 1600 automobiles. If there are drivers entered who did not compete in the 2016 Australian Formula Ford Series they shall be pre-gridded at the rear of their respective Category in order of competition number.

(b) Friday Session 1 and Saturday Practice Session – Round 3 and 4

Each automobile shall be pre-gridded within their Category in order of the driver's finishing position in Category in the last race of the previous round. The Formula Ford automobiles shall be pre-gridded as a group in front of the Formula Ford 1600 automobiles. If a driver did not compete in the last race of the previous round their automobile shall be pre-gridded at the rear of their respective Category in order of competition number.

(c) Friday Session 2 – Round 3

Each automobile shall be pre-gridded within their Category in order of the driver's fastest lap time in Category from the previous practice session. The Formula Ford automobiles shall be pre-gridded as a group in front of the Formula Ford 1600 automobiles. If a driver did not record a lap time in the previous session their automobile shall be pre-gridded at the rear of their respective Category in order of Series points. If a driver did not record a lap time in the previous session and has not been awarded any Series points their automobile shall be pre-gridded at the rear of their respective Category behind the automobiles of point scoring drivers in order of competition number.

(d) Friday sessions rounds 1,2,5 and 6. Categories shall be gridded Formula Ford ahead of Formula Ford 1600 in order of attendance

(e) Saturday Warm up

If relevant, each automobile shall be pre-gridded in accordance with the overall results of qualifying for the respective round.

## 12.6 Qualifying

(a) Each automobile shall be pre-gridded within their Category in order of the driver's fastest lap time in Category in the combined practice sessions at the event.

(b) If lap times are not available for the practice sessions, the pre-grid for the qualifying session shall be determined from the finishing order from the previous round. If a driver did not compete at the previous round their automobile shall be pre-gridded at the rear of their respective Category in order of competition number.

(c) No overtaking is permitting on the "out" lap (first lap of each session), unless either directed to by an official, an automobile has mechanical problems or an automobile is signalled to pass by the immediate automobile ahead.

(d) During qualifying automobiles may not return to the paddock area without the express permission of the TD. If an automobile exits pit lane to the paddock during qualifying it shall not be permitted to re-join that session.

## 12.7 Pit Lane

(a) Each Pit Crew member is required to sign a Pit Lane Indemnity Form prior to the first track session and to display identification as and if required by the event organiser.

(b) Pit Crew members are not permitted to approach or work on competing automobiles in the "fast lane" at any time, including whilst automobiles are queued in the fast lane (or other lane as directed by pit lane officials) waiting to re-enter the track after a Red Flag period.

## 12.8 Removal of Automobiles from the Circuit

Following the commencement of the first practice session, it is not permitted to remove any automobile from the circuit (prior to the release of all automobiles from the impound /Parc



Ferme established following the final race of that round of the Series) without the prior express written approval of the TD.

## 12.9 Practice Starts

Practice starts are only permitted at the pit lane exit.

## 12.10 Communication to/from Automobile

### (a) Radio Communication to/from Driver:

Two way radio communications between the driver and a member of the pit crew is optional.

### (b) Data Communication to/from Automobile:

The only data communication permitted between the moving automobile and the pit lane shall be:

- Lap trigger signals from trackside to the automobile
- Signals from timing transmitters

**Please note:** Lap trigger transmitters shall be battery powered and once operating must be free-standing and incapable of receiving external information. Such devices MUST NOT be attached to or placed upon the Pit Lane wall and must be positioned at least six metres from the official control timing line and behind the Pit Signalling wall.

## 13. ROUND FORMAT

### 13.1 General

- (a) The TD or his nominee may inspect and confirm that only nominated tyres are in use at any time during the event. Scrutineers may mark the nominated tyres for ease of identification. Only tyres carrying the appropriate marks are permitted for practice, qualifying and at the start of each race.
- (b) The TD shall be sole arbiter with regard to the interpretation and application of these tyre regulations. Any decision made by the TC in this regard shall not be the subject of any protest or appeal.

### 13.2 Tyre definition

A “new” tyre is one that has not been used during the Series at any time, irrespective of the wear.

A “used” tyre is one that has been nominated at a previous round of the Series.

### 13.3 Tyre Nomination

Each tyre shall be nominated to an automobile chassis number, not to a driver. Each driver/competitor shall be required to nominate their tyres to authorised Series personnel for identification, marking and recording no less than ninety minutes prior to the scheduled

commencement of the relevant sessions (practice and qualifying/racing). Only tyres nominated under the circumstances described below may be used during a round.

#### 13.4 Tyre Identification

Each nominated tyre shall be officially marked and each tyre to be nominated must be selected from stock identified in this way.

#### 13.5 Change of Chassis

If a registered driver changes to a new chassis partway through the Series, four tyres (2 front and 2 rear) must be transferred from the tyre bank of the original chassis to the new chassis.

If the existing chassis is sold to a new competitor who is contesting the remaining Series rounds then four tyres (2 front and 2 rear) from the tyre bank of that chassis must be transferred to the new competitor at that time.

#### 13.6 Practice, Qualifying and Racing – First Round

Each driver may have 7 sets of tyres for the series, 2 may be purchased for the first round, then 1 new set per round thereafter to a maximum of 7 for the series.

#### 13.7 Practice, Qualifying and Racing – First Round

At the first round of the Series contested by a chassis, a maximum of eight (8) tyres may be nominated for practice, qualifying and racing, all of which shall be designated as new tyres, irrespective of wear.

#### 13.8 Practice – all subsequent rounds

Only previously marked tyres may be used. Up to eight (8) tyres may be nominated for use during the practice sessions. Different tyres from within the eight (8) nominated may be used for each practice session.

#### 13.9 Qualifying and Racing – all subsequent rounds

Each competitor may nominate a maximum of eight (8) tyres for qualifying and racing. However only four (4) may be new tyres, the other four (4) must be from tyres previously nominated. A tyre that has been nominated for use during practice at this round must be nominated again for identification, marking if it is to be used for qualifying and racing. These shall be the only tyres permitted for use in qualifying and racing, unless authorised as below.

#### 13.10 Replacement Tyres

There shall be no new replacement tyres. In exceptional circumstances the TC may authorise the use of a replacement tyre from outside the tyres nominated by a competitor for that round of the Series. This permission shall only be given after presentation of compelling evidence by the competitor and shall apply only to a previously nominated tyre (from an earlier round or practice

session). Such a replacement shall result in the competitor being placed at the rear of the grid in their relevant Category for the next track session.

### 13.11 Tyre Covers

Protective tyre covers may be used in the paddock area. Their use is prohibited in the marshalling, pit lane, impound and scrutiny areas and they must not be re-fitted until after each post-session check is complete

### 13.12 Heating Tyres

The use of any device to artificially heat tyres is prohibited.

### 13.13 Tyre Bank

It is the drivers/competitors responsibility to document and maintain a record of all tyres used by the driver/chassis in the Series. It is the responsibility of the competitor/driver to understand and monitor their tyre usage throughout the Series.

### 13.14 Tyre Requirements for joint state series competition

Should the competitor wish to compete in the state series competition at meetings which the national series competes with, the competitor shall understand and comply with the relevant state series competition regulations. Note that these regulations may be more restrictive than that of the national regulations.

## 14 FUEL

For the duration of an event, each competitor must only use fuel purchased from that circuit.

**Please note:** With the exception of ambient atmospheric air and the specified control fuel, no other substance may be added to the intake charge of the engine.

## 15 ENGINE and GEARBOX OIL (Formula Ford only)

For the duration of an event, each Formula Ford Category automobile must use only Shell Helix Ultra Professional AF 5W30 engine oil and Shell Spirax S6 AXME 75w/90 gearbox oil. Random sampling and testing of engine and gearbox oil shall be conducted.

## 16 AUTOMOBILE MARKINGS

### 16.1 General

Each automobile must comply with the provisions of Schedule K of the CAMS Manual of Motor Sport in respect to signage.

To differentiate the Formula Ford Category automobiles from Formula Ford 1600, the following markings are mandatory on Formula Ford Category automobiles:-

- The top of the roll hoop structure shall have a prominent Day-Glo orange marking on the forward face of the structure for a minimum height of 150mm from the top of the roll hoop/bodywork. This marking shall extend towards the rear of the automobile for a minimum width of 150mm width or to the extent of the structure/bodywork.
- The full cover surfaces of each mirror shall be Day-Glo orange in colour.

- The forward facing surface of the nose, 50mm from the tip of the nose for a distance of 200mm rearwards shall carry prominent orange marking
- Each automobile must also display the driver's name ON EACH SIDE, adjacent to the cockpit, Sponsor decals at the locations detailed on the enclosed placement diagram (Appendix A), two Yokohama decals, one on each side of the nose box of the automobile, compulsory sponsor decals along the bottom vertical extent of the rear side pod, and other support sponsor decals, as required. Ongoing sponsorship negotiations may require the display of additional sponsor signage, at locations to be negotiated with competitors as required.

## 16.2 Competition Numbers

- (a) Number 1 shall not be eligible for use
- (b) Each Competitor may nominate a number on registration for the Series.
- (c) The allocation of a competition number for each automobile is solely the responsibility of the CM, which shall maintain a register of all competition numbers allocated to, or reserved for, any automobile.
- (d) Notwithstanding the above, priority of numbers for rounds 1,2,4,5 and 6 shall be for state competitors.
- (e) Numbers must be located as per the enclosed diagram (Appendix A)

## 17 DRIVER'S APPAREL

Each driver must only use apparel in compliance with Schedule D of the CAMS Manual of Motor Sport. Apparel checks shall be undertaken as required by the Chief Scrutineer.

## 18 ON BOARD CAMERAS

On board camera must be mounted as per the CAMS regulations.  
Judicial On-Car Camera System

- (a) Each automobile must be fitted with a Judicial On-Car Camera unit as detailed in this bulletin.
- (b) The Judicial On-Car Camera unit must be switched on and remain fully operational and record video images for the duration of all on-track sessions.
- (c) The Judicial On-Car Camera unit must be installed in such a way to at all times provide clear unobstructed video images of the Driver's view of the race track ahead or as directed by the Driving Standards Observer (DSO).
- (d) Unless otherwise approved by the DSO, the footage obtained from each session must be available to the DSO, Category Manager (CM) and appointed Media Representatives (MR) until at least twenty-four hours after the completion of the round.
- (e) Unless otherwise approved in writing by the DSO, the data stored on each Judicial On-Car Camera memory card is not permitted to be deleted/cleared until twenty-four hours after the completion of each round.

- (f) Access to the Judicial On-Car Camera unit must be provided to the Clerk of Course (CC), DSO, CM or MR at any time upon request.
- (g) In addition to the Judicial On-Car Camera unit detailed in these regulations, the CM reserves the right for the media production company to install in-car and on-board cameras to any automobile and position signage within view of the camera.
- (h) An error, action, omission or failure which causes a loss of any vision shall be investigated by the DSO/CM and may be referred to the Stewards of the Meeting and/or result in championship point penalties.

## 19 TESTING RESTRICTIONS

- (a) Testing is prohibited in the Northern Territory and Tasmania.
- (b) From February 20, 2017, each driver registered for three or more rounds of the Series shall be required to nominate, in writing, to the CM or the FFA administrator three test Series circuits, defined as the circuits which shall host a round of the Series. Testing is permitted at non-Series circuits; however, such test days shall be included in the permitted number of test days.
- (c) Each driver contesting more than two rounds of the Series shall be permitted a maximum of twelve (12) test days. A Test Log shall be issued to each driver and this log MUST be signed by the circuit officials when the driver signs on at each test day. A test day shall be defined as commencing at the time of sign on, regardless of weather conditions. The Test Log MUST be produced for inspection by Series officials as and when requested.
- (d) Each driver who intends to test at any circuit, including the nominated circuits, is required to advise the CM or the FFA administrator at least SEVEN DAYS PRIOR to the scheduled test. Any driver failing to advise such plans within the required time shall be referred to the Stewards for action.
- (e) Each driver may compete in State race meetings, at both nominated and other circuits, including any attached test day (for the entire meeting only), where an appropriate class is available, however, each such meeting shall be counted as one (1) test day for the first two state rounds, from the third or more state rounds will be counted as two (2) test days save for rookies (see below). Each driver must advise the CM or the FFA administrator at least SEVEN DAYS PRIOR to the scheduled competition and Test Logs must be signed by race officials, to confirm participation.
- (f) Each rookie driver, defined as those not having contested more than two rounds of the Series, may compete at State rounds, including any attached test day (for the entire meeting only), where an appropriate class is available. However, each such meeting will be counted as one (1) test day. The requirements for use of Test Logs, advising the CM or the FFA administrator of testing plans 7 days in advance and the definition of a test day, as detailed earlier, will apply to all test days.
- (g) Testing is prohibited at the venue of any scheduled round on the Monday, Tuesday, Wednesday and Thursday prior to that round, save when Thursday is part of the meeting schedule.
- (h) The CM may consider a request to vary test track nominations, after the closing date, on the presentation of compelling written evidence. Such approval shall only be considered under exceptional and unusual circumstances.

- (i) Any breach of any part of this regulation shall be referred to the CM for action, with the possibility of loss of Series points from the current or future rounds.
- (j) The testing restriction relates to use of either a Formula Ford or Formula Ford 1600 automobile. The use of the automobile, whether it complies with technical regulations for the category or not, will constitute use in relation to the testing restriction.

## 20 HEAD RESTRAINTS

In addition to the requirements of Schedule D of the CAMS Manual of Motor Sport, each driver must wear a frontal head restraint approved to the FIA 8858 -2002 or FIA 8858 2010 standard at all times whilst driving an automobile on the race circuit during any practice session, qualifying session or race.

### Appendix A

