



Stadium Short Course Rules

Rules & Regulations: Version 2019.1

TITLE AND NATURE OF THE EVENT

The event will be known as “SSC Stadium Short Course” and will be a short course offroad racing event, conducted under the National Competition Rules (NCRs) of Australian Auto-Sport Alliance Pty Ltd (AASA), these rules, and any further regulations.

OFFICIALS

Event Manager: Brent Taylor

Chief Scrutineer: Brent Taylor

Scoring & Admin Manager: Michelle Bradley

Medical: St John’s Ambulance

ENTRY DETAILS

Payment must be received before entry is accepted and added to competitor list.

The entry fee provides for the driver, co-driver/navigator/s nominated on the entry form.

Any entries not accompanied by the entry fee will not be accepted.

Entry forms must be completed in full and forwarded to: sales@totaloffroad.com.au.

The driver, co-driver/navigator may be changed provided the Event Manager receives this advice no later than one hour prior to the start of the event;

Such changes will be subject to the approval of the Stewards of the Meeting. Competitors must also present their vehicle, helmet(s), and racing apparel to the Scrutineers at scrutiny.

The event may be cancelled or postponed due to weather, or any other unforeseen circumstances. Should the event be cancelled or postponed, entry fees will be transferred to the next round. No refunds will be issued.

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EVENT DETAILS:

The event will be run as a single day event running into the evening.

8.00am Driver Briefing at control.

8.30am Prologue 1 lap fastest time sets running order for the day

Heat 1 – 5 Laps

Heat 2 – 5 Laps

Heat 3 – 5 Laps

Heat 4 – 5 Laps

Heat 5 – 5 Laps

Heat 6– 5 Laps

6.00pm (All Classes) –

Heat 7 – 5 Laps

Finals - 8 Laps

Presentations should be held as soon as possible after the last race has been completed.

Vehicles may be started as a rolling start, stationary or as a land rush start.

“The Joker Lap”

The “Joker Lap” is a longer section added to the normal track length.

The “Joker” must be used at least once per heat. A one (1) minute penalty will be issued to any competitors using the “Joker” more than once in a heat or final.

SCRUTINY:

Scrutiny will be held on Friday at the venue from 6.00pm to 9.00 pm. All competing vehicles must be scrutinized prior to competing in the event.

Vehicles must be presented to Scrutineer prior to participating. All vehicles must have passed inspection to be allowed to race. Additional scrutineering will be available by prior arrangement with the chief scrutineer.

Vehicles and competitors **MUST** present vehicles in an as ready to race condition along with all safety gear including suits, helmets, gloves, boots and neck braces.

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DRIVERS BRIEFING:

There will be a compulsory drivers briefing at 8.00am Saturday at the event command.

PROLOGUE:

A single look lap of the track, held immediately following drivers briefing, followed by prologue.

The prologue time will not go towards the teams total for the event.

STARTING ORDER:

Starting order will be determined by prologue times or predetermined start order as directed by race officials.

****Receding from fastest to slowest may be carried out throughout the day as needed****

COURSE MARKINGS:

The track will be clearly marked, however pegs, bunting, tyres, barriers and signs marking direction may be used for sections of the track such as track entry, exit, corners, jumps etc.

LICENCE REQUIREMENTS.

Drivers must be 12 Years or older. Drivers under the age of 18 that don't hold a current "P" Drivers Licence must be accompanied by a navigator with an Open Drivers Licence. All Drivers, other than those previously mentioned, must hold a current Australian Drivers Licence of a minimum of "P". All Competitors must hold a current AASA Club Off Road Racing licence or approved equivalent or higher. Applications can be made online at www.aasa.com.au.

Navigators must be 12 years or older.

A Navigator is not required in order for a driver to compete

APPAREL REQUIREMENTS

All competitors must wear apparel complying with the Off Road Club standard of AASA Appendix 4 – Apparel Requirements. This document is available here: <http://aasa.com.au/wp-content/uploads/2017/07/170605-04-Apparel-Requirements-V1.2.pdf>

PENALTIES: per occurrence

Not using the "Joker" section of the track at least once in a heat – 1 Minute.

Jumping the start – 30 seconds.

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Failure to comply with a specified control procedure – 30 seconds. E.g. hitting pegs or bunting or markers

Shortcutting or other deviation from the course - 1st breach – 1 Minute, 2nd breach – DNF & exclusion from the next heat.

Travelling on the course in the wrong direction – DNF & exclusion from the next heat plus any additional penalty as deemed appropriate by the stewards.

Competitors deemed to be driving dangerously within the pit area and the various entries and exits or damaging property will be excluded from the event.

Failure to refuel or do hot work in the designated areas – exclusion from next Heat.

Failure to follow direction from an official or marshal -1st breach – 5 minutes, 2nd breach – DNF & exclusion from the event

Other breaches – penalties at the director's discretion up to DNF plus exclusion.

JUDGES OF FACT

Timing officials, start officials and course officials will be appointed Judges of Fact, and, as such, their decisions cannot be the subject of a protest.

Facts to be judged are: Refueling, Driving, Conduct, Noise, Emission Levels, Jumping the Start, Failure to obey Flag Signals and Failure to obey directions of an official, Deviation from track.

REFUELLING

Refuelling must only be undertaken with the vehicle stationary, the engine switched off and with competitors and crew out of the vehicle. *Competitors need to note the attire requirements for any person involved in refuelling the vehicle. There will be an official refuel area. While refuelling must be a crewmember suitably clothed standing by with a fire extinguisher.

*All people involved in vehicle refuelling must be clothed in fire proof suit, gloves and foot wear.

HOT WORK AREA.

A hot work area has been allocated exclusively for welding, grinding and other similar hazardous activities. Such activities are prohibited outside of this area.

TIMING EQUIPMENT

All timing is done via a computerised transponder system. It is the responsibility of the competitor to keep the transponder clean and free of mud etc so that it transmits correctly.

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Transponders are provided free of charge for the event. Any transponders not returned, lost or broken will incur a \$150 replacement charge.

The White Flag will indicate (1) One Lap to go, and Black & White Checker Flag will indicate the end of the race.

AWARDS AND POINTS SCORING

1st, 2nd and 3rd Outright Trophy – Team

1st, 2nd and 3rd Class Trophy – Team

Points will be allocated according to the competitors total accumulated times for the event. Points will be allocated for both the round and the series.

To be eligible for a class or overall podium finish, and there for trophies and or prize money, a minimum of 75% of the allotted heats must be completed.

Heat placings will be worked out on elapsed time.

Round placings will be a combination of the heat elapsed times and total laps completed.

Series totals will be the combination of elapsed time and total completed laps of all 3 rounds.

Competitors must pass the start/finish and register at start time to avoid a DNS (Did Not Start) being recorded

GENERAL

- * Pit speed limit is 10km/h at all times.
- * A speed limit of 10km/h must be observed on the property at all times whilst not competing or doing reconnaissance. Breaches of this regulation may result in exclusion from the event.
- * No persons other than the officials, recovery, accredited media or competitors will be permitted on the course, except with the permission of the Event Manager.
- * The event organizers will provide recovery throughout the event.
- * All children must be subject to parent/guardian supervision during the event.
- * The entry form and disclaimers are part of these supplementary regulations.
- * Dogs and Glass are not permitted on the property.
- * Event organizers reserve the right to abandon, cancel or postpone the event

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PROTESTS.

Formal protests will be investigated fully & are to be lodged with the Event Manager, along with \$250 Cash. If the protest is judged in favour of the competitor, the \$250 will be refunded in full, but if not, the \$250 will be donated to an SSC Stadium Short Course nominated charity.

ALCOHOL/DRUGS

During any event, consumption of alcoholic beverages in the paddock, pits or any other portion of the competition venue under the control of the officials is expressly forbidden until all practice or competition activity is concluded for each day. Any driver or crew member who is found to be affected by alcohol on the day of the event or practice therefore shall not be permitted to participate. Competitors, crews or officials may be randomly tested for alcohol by an official at any time during the event(s).

CAMPING.

Camping is available on site at the track for competitors, pit crew, friends and family.

**NO PETS ALLOWED
NO GLASS ALLOWED**

RUBBISH

All Competitors and supporters are responsible for the containment and removal of their rubbish during and at the completion of the event. Bins have been provided.

SUPPLEMENTARY REGULATIONS

1. Both Driver and Navigator **MUST** wear as a minimum a single layer SFI or FIA Approved Race suit & Gloves, and leather shoes or SFI or FIA Approved race boots (fire retardant), Helmet and minimum foam neck brace or SFI or FIA approved HANS devise (HANS Devises include HANS branded brace, Hybrid etc)

No Kart suits, gloves or boots will be accepted.

2. Navigator and Driver must be wearing gloves when outside of the vehicle when competing.

3. Seatbelts must be worn by both the Navigator and the Driver (minimum of 4 point harness, but 5 or 6 point is preferred)

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4. Snell 2005, FIA or Australian Standards (AS1698 or AS/NZS1698) approved Helmets (in date) must be worn AT ALL TIMES whilst competing. If vehicle has no windscreen, full face helmet MUST be worn. Options to this is an open face helmet with goggles & Balaclava.
5. Bunting may mark the boundary of tracks. Vehicles are to remain inside the areas marked by bunting. Should the competing vehicle move outside of the bunted area with 4 wheels, it will be classed as a DNF.
6. All attempts must be made to avoid vehicle contact. Any deliberate contact will be deemed as un-sportsman like behaviour and will be dealt with accordingly. Depending on the circumstances, this could be DNF from the heat through to being asked to leave the event.
7. In the event of a DNF, no points are awarded, and you cannot rerun the heat.
8. Items used to mark the track may not be touched by the vehicle or Navigator. Penalties will be available at the completion of each race, it is up to the team to check.
9. Vehicle can only remain stationary for 30 seconds, if you breakdown you must advise the recovery team if you wish to remain with the vehicle if not in a dangerous position.
10. Moving vehicles are not allowed to be TOUCHED by a Navigator. Preferred 1mt min distance at all times. Navigator may only touch the vehicle if it is completely stationary and stable while on the track.
11. All banners if touched will be classed as a penalty.
12. No one is permitted on the tracks at anytime, this includes spectators, pit crew etc. The only people permitted to be on the track are the marshals, Official photographers and the driver and navigator of the vehicle competing at the time.
13. Competitors are asked to remind family and friends to stay a safe distance from tracks for their safety, all spectators will be asked to move from areas deemed to be dangerous by marshals. This is for everyone's safety.
14. Timing / points / penalties and the combinations which are utilised to allow placing's to be determined, may defined and announced prior to the start of competition (at or before the drivers briefing).
15. If any competitor promotes unsportsmanlike conduct, is rude or abusive to marshals, fellow competitors or spectators they will be disqualified from the event.
16. The Event Managers decision is final. Competitors asking marshals about their points or other competitor's points or anything to do with what or what not a marshal has seen or has not seen will be penalised 5 minutes.
17. All timing is computerised. Each vehicle will be allocated a transponder which must be mounted to the vehicle.

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18. The use of a spotter as allowed for all classes.

19. NO COMPETITORS, PIT CREW, TEAM MEMBER ETC ARE TO APPROACH THE TIMING PERSONEL FOR ANY REASON. ALL QUESTION WILL BE DIRECTED TO THE EVENT MANAGER.

20. If a competing vehicle requires recovery assistance for any reason during a heat or final, the competitor will receive a DNF.

CLASSES AND CATEGORIES.

SUPERLITE BUGGY

- Engines up to and including 1400cc without forced induction
- No tyre size Limit.
- Roll Cage must be SSC approved
- Window net to be fitted to both drivers and Navigator's door or Arm restraints must be used
- Tyre beadlocking devices allowed

SXS PRO CLASS

- Engines Over 1001cc including with forced induction
- Tyre size is open.
- Roll Cage must be SSC approved
- Window net to be fitted to both drivers and Navigator's door or Arm restraints must be used
- Tyre beadlocking devices allowed

SXS PERFORMANCE CLASS

- Engines up to and including 1000cc without forced induction
- Maximum tyre size 31".
- Roll Cage must be SSC approved

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- Window net to be fitted to both drivers and Navigator's door or Arm restraints must be used
- Tyre beadlocking devices allowed

SXS JUNIOR CLASS

- Drivers Must be older than 14 Years Old and not Older than 17 Years Old and MUST have a navigator/Co-Driver in the vehicle at all times that holds a full Open Road Licence.
- Engines up to and including 1000cc without forced induction
- Maximum tyre size 31".
- Roll Cage must be SSC approved
- Window net to be fitted to both drivers and Navigator's door or Arm restraints must be used
- Tyre beadlocking devices allowed

PERFORMANCE 4WD CLASS

- Petrol Engine up to 4500cc NA or 3000cc with forced induction, or Diesel up to 4.2lt with Forced Induction (Aftermarket engines and swaps allowed)
- No tyre size limit.
- Dual transfer cases allowed.
- Reduction gears allowed.
- Tyre beadlocking devices allowed.
- Wheel spacers allowed.
- Roll Cage must be SSC approved.
- Diff and Suspension must remain in factory locations, with (1) One Shock Absorber allowed per corner. Shock Absorbers may be upgraded, but must remain a smooth body shock (No bypass shocks allowed). Shocks may be fitted with (1) One reservoir per shock.
- Air/Hydraulic Bump Stops are allowed.
- Window net to be fitted to both drivers and Navigator's door or Arm restraints must be used

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PERFORMANCE 2WD CLASS

- Petrol Engine up to 4500cc NA or 3000cc with forced induction, or Diesel up to 4.2lt with Forced Induction (Aftermarket engines and swaps allowed)
- No tyre size limit.
- Tyre beadlocking devices allowed.
- Wheel spacers allowed.
- Roll Cage must be SSC approved.
- Diff and Suspension must remain in factory locations, with (1) One Shock Absorber allowed per corner. Shock Absorbers may be upgraded, but must remain a smooth body shock (No bypass shocks allowed). Shocks may be fitted with (1) One reservoir per shock.
- Window net to be fitted to both drivers and Navigator's door or Arm restraints must be used

PRO 4WD CLASS

- Petrol Engine over 4501cc NA or with forced induction, or Diesel over 4.2lt with Forced Induction (Aftermarket engines and swaps allowed)
- No tyre size limit.
- Dual transfer cases allowed.
- Reduction gears allowed.
- Tyre beadlocking devices allowed.
- Wheel spacers allowed.
- Roll Cage must be SSC approved.
- Diff and Suspension no limit.
- Window net to be fitted to both drivers and Navigator's door or Arm restraints must be used

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PRO 2WD CLASS

- Petrol Engine over 4501cc NA or with forced induction, or Diesel over 4.2lt with Forced Induction (Aftermarket engines and swaps allowed)
- No tyre size limit.
- Tyre beadlocking devices allowed.
- Wheel spacers allowed.
- Roll Cage must be SSC approved.
- Diff and Suspension no limit.
- Window net to be fitted to both drivers and Navigator's door or Arm restraints must be used

General Vehicle Specifications

Fire Extinguishers

A minimum of 2kg of fire extinguisher must be carried. This can be as a single or multiple units. All fire extinguishers shall have manufacture date stamp on either the bottom or the top neck. Only extinguishers with a date stamp, and being within the expiry or retested date will be accepted. **Fire extinguishers have a 3 Year service period from manufacture date stamped on the bottle.**

Safety Gear

A Seat Belt Cutter is required for each occupant and must be mounted in a accessible spot, i.e. lateral bars of the round cage, door frame etc, so that they are accessible for both the competitors inside the vehicle and recovery crews outside the vehicle.

Lights

Working forward, white, & rear facing, amber, lights are required to be switch on while competing. Working rear, red, stop lights are required.

Red and or Blue flashing lights may be used during day time heats, but **MUST NOT BE USED FOR NIGHT HEATS & FINALS**

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Isolation

The vehicle is required to have a single isolation point which kills all electrics and stops the engine and fuel pump/pumps when activated.

Recovery/Tow Points

All vehicles are required to have front and rear tow points painted RED for recovery.

A rated tow/snatch strap with a minimum of 2 rate bow shackles are required.

Race Numbers

It is the responsibility of the competitor to provide a Race Number.

All race numbers must a minimum of 150mm high and be a black number on a white background. The white back ground must be a minimum of 200mm x 300mm if on the side of the vehicle, or be mounted on a roof mounted plate 200mm x 300mm.

Communications

Driver to Navigator communications via Bluetooth or hard mounted com sets are allowed. Communication systems between competing vehicle and pit crew and/or spotter are allowed.

SXS (UTV) Pro Class, Performance Class & Junior Class;

1. Upgraded drive shafts are allowed
2. Upgrades to steering components are allowed
3. Strengthening of suspension arms is allowed
4. Use of extended length aftermarket suspension arms is allowed
5. Beadlocked wheels are allowed
6. Tyre size is open

Body Work

1. A roof panel must be fitted covering the entire roof from the B Pillar forward to the forward most A Pillar bend in Roll Cage.
2. The roof panel will be constructed of 3mm aluminium or 1.6mm steel.
3. The roof panel will secured with a minimum of Zeus Fasteners every 300mm, however 8mm Grade 8.8 bolts every 200mm are preferred, as per CAMS requirements.
4. Aftermarket body and panels are allowed
5. Side panels and/or door will be covered with a minimum of 2mm aluminium or 1mm steel
6. Exterior bars work/exo cage is allowed but must have no sharp edges
7. Front wind screens may be removed.

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8. Arm restraints or Window nets covering a minimum of 80% of the side opening are required.
9. Supercharging (including turbo charging) is permitted. (Class Limits apply)

Suspension

1. Upgraded suspension is allowed
2. (Pro Class ONLY) Use of multiple shocks per corner is allowed
3. (Performance & Junior Classes ONLY) Use of multiple shocks per corner is NOT allowed

Soft top or open top vehicles must have rollover protection. A Steel 1.6mm or Alloy 3mm roof plate and shall be fixed via a minimum of Zeus Fasteners every 300mm, however 8mm grade 8.8 bolts mounted no more than 200mm apart is preferred.

Roll Cage

1. A Roll Cage must be fitted and shall incorporate at least two uninterrupted door bars. The upper door bar shall be fitted predominantly horizontally and as high as practicable while still allowing exit from the vehicle by both crew within 10 seconds. Additional reinforcing bars are recommended.
2. Only Vehicles with a SSC INSPECTED & APPROVED roll cage will be allowed to compete
3. Roll cages will be constructed from CDS, CDW or Chromoly Tube with a minimum tensile strength of 350mpa and be a minimum of 6 Point design
4. The main hoop MUST be constructed from a minimum of 44.45mm (1 3/4") CDS, CDW or Chromoly Tube with a tensile strength of no less than 350MPA as stated above.
5. Roll cage padding must be fitted to areas within 400mm of head while seated and harnessed in
6. Please refer to AASA Appendix 1 – Roll Cage Requirements for specifications of roll cages. This can be viewed here: <http://aasa.com.au/wp-content/uploads/2017/06/170412-01-AASA-Safety-Cage-Regulations-V1.0.pdf>

Performance 4wd & 2wd, Pro 4wd & 2wd & Superlite Buggy

Body Work

1. A roof panel must be fitted covering the entire roof from the B Pillar forward to the forward most A Pillar bend in Roll Cage.
2. The roof panel will be constructed of 3mm aluminium or 1.6mm steel.
3. The roof panel will be secured with a minimum of 8mm Grade 8.8 bolts every 200mm
4. Aftermarket body and panels are allowed
5. Exterior bars work/exo cage is allowed but must have no sharp edges
6. Front wind screens and any other glass may be removed.

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7. Arm restraints or Window nets covering a minimum of 80% of the side opening are required.
8. Supercharging (including turbo charging) is permitted. (Class Limits apply)
9. (Performance 4wd & 2wd, Pro 4wd ONLY) Rear mud flaps must be fitted. Mud flaps will be mount so the outside edge is in line with the outside of the tyre or body panel, which ever protrudes further and will be no more than 100mm from the ground. Mounts must not have any sharp edges or protrude out futher than the widest part of the rear of the vehicle. 3mm or thicker rubber is preferred, however other flexible materials may be used.

Roll Cage – Roll cages will be constructed from CDS, CDW or Chromoly Tube with a minimum tensile strength of 350mpa and be a minimum of 6 Point design. Dual 4 point cages will be allowed providing both the “B” Pillar internal hoop and external hoop and no more than 150mm apart (measured centre to centre of tube) and have a full “X” bracing fitted.

Please refer to AASA Appendix 1 – Roll Cage Requirements for specifications of roll cages. This can be viewed here: <http://aasa.com.au/wp-content/uploads/2017/06/170412-01-AASA-Safety-Cage-Regulations-V1.0.pdf>

Basic Structure

The basic structure of the roll cage will consist of;

1. A main roll bar (or “B” Pillar) hoop with no more than 4 bends, be constructed from a minimum of 44.45mm (1 ¾”) Tube and following the interior of the vehicle as close as possible
2. Driver and passenger side lateral bars (“A” Pillar) with no more than 2 bend, be constructed from a minimum of 38.1mm (1 ½”) Tube and following the interior of the vehicle as close as possible.
3. An upper wind screen bar will be fitted between the drivers and passengers lateral bars, no more than 100mm from the centre of bend at the roof level
4. Door bars are required to be fitted as high as practical while not obstructing occupants from exited the vehicle. A bar running between the foot of the “A” & “B” Pillars is recommended as extra support. Door bars may be removable, but the removable joint must be either a slip in on notable Cam Lock style. The upper bar may be run at an angle, higher at the “B” Pillar and finishing close to the “A” Pillar base plate.
5. Either a Double Tray Headboard that are joined together with a cross in the front hoop or single Tray Headboard with a cross and rear stay bars are required to be fitted at an angle between 30° & 60°. Rear stay bars may be removable and have a bush style mount at one or both ends.
6. Roof reinforcement is required and can be a single bar mounted in the centre between the “B” Pillar and upper wind screen bar(I.E. CCDA rules), ALL THOUGH, it is preferred and recommended that triangulated bars be fitted in either an “X” from corners where the lateral bars meet the main hoop at the rear and where the lateral bars meet the upper wind screen bar, or in a “V” from where the lateral bars meet the main hoop to the

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centre of the upper wind screen bar, or vice versa, from where the upper wind screen bar meets the lateral bars and run to the centre of the main hoop.

Bar work in addition to the Basic Structure is allowed and recommended.

7. Foot plates measuring a minimum of 100mm x 100mm x 3mm thick are required and may be welded to the floor or bolted with a minimum of 4 x 8mm grade 8.8 bolts and another plate under the floor sandwiching the vehicles floor.
8. The main hoop **MUST** be constructed from a minimum of 44.45mm (1 3/4") CDS, CDW or Chromoly Tube with a tensile strength of no less than 350MPA. All other bar work **MUST** be constructed of no less than 38.1mm (1 1/2") CDS, CDW or Chromoly Tube with a tensile strength of no less than 350MPA.



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