



Presents

**THE 2025 AUSTRALIAN SLOT
CAR NATIONAL TITLES
EASTER LONG WEEKEND
Wednesday 16th- Sunday 20th April**

**2 Temples Lane, Mackay, Queensland 4740
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www.slick7raceway.com.au

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EVENT TIMETABLE

Wednesday April 16th

9.00am Raceway Opens for practice

7.00pm Nascar Brushless Flexi entries close/scrutineering

Thursday April 17th

9.00am Raceway Opens for practice

7.00pm LMP Brushless Flexi entries close/scrutineering

Friday April 18th

8.00am Raceway opens

10.00am GTP Hawk 9 entries close/scrutineering

2.00pm Wing 12 entries close/scrutineering

Raceway closes 10pm or 1 hour after finish of Wing 12 whichever is later

Saturday April 19th

8.00am Raceway opens

10.00am Int 15 entries close/scrutineering

2.00pm 27 Lite entries close/scrutineering

Raceway closes at 10pm or 1 hour after finish of 27 Lite whichever is later

Sunday April 20th

8.00am Raceway opens

10.00am Open Brushless entries close/scrutineering

2.00pm 2MO entries close/scrutineering

No event will start before its advertised starting time.
Qualifying will commence as soon as scrutineering is complete for all entries.
There will be a minimum of 30 minutes from the conclusion of any race before scrutineering for the next event. The timetable will then be adjusted accordingly.

GENERAL RULES

CARS AND SCRUTINEERING:

- Cars must comply with the specifications for their class and any relevant general rules at all times whilst racing, unless specifically stated.
- Cars will be scrutineered and impounded prior to Qualifying.
- Cars can/will be inspected prior to all races.
- Any component may be replaced with the exception of the chassis/body.
- Cars may be inspected at any time at the discretion of the Race Director.

CONTROLLERS AND DRIVING:

- Any control device may be used as long as it does not increase voltage to the track.
- The Race Director may inspect controllers at his/her discretion.
- Any device that is found to interfere with the track computer system will be banned.
- Only the entered driver may operate any device which controls their car on the track.
- There must be no outside assistance in the operation of controllers, chokes, etc.
- Only drivers competing in the current race will be allowed at the drivers' panel.

QUALIFYING:

- Will be in random order for one minute.
- Race power for all classes.
- No artificial cooling spray or otherwise permitted in qualifying.

RACE FORMAT:

All Classes will be Mains/Finals only.

Racing will be a series of "Finals" with seeding for these "Finals" based on qualifying.
All Classes will be seeded fastest to slowest with the fastest qualifiers in the last race.
Cars are impounded at the conclusion of qualifying and all drivers will have 5 min practice prior to race start to test and work on cars.
This applies to all classes aside from 27L where cars will be impounded immediately following qualifying.

AVERAGE LAP SCORE;

If it is determined that a track fault has hindered a competitor during a bracket the competitor Will be given an average of the scores of the other competitors in that race for that particular Lane. This is at the discretion of the Race Director/Race Committee.

TRACK CALLS:

- Track calls will be initiated only in the following circumstances:
 - automatic rider "track call";
 - cars off in main straight or bank;
 - unmarshallable car;
 - a marshall has too many cars to cope with;
 - marshall not in position;
 - track fault.

When making track calls the intention of the Race Director will be to maintain fair racing conditions.

MARSHALLING:

- Entrants must marshall the semi/quarter/heat/consi after their own.
- The drivers from the last semi/quarter/heat/consi will marshal the first semi/quarter/heat/consi.

BLACK FLAG:

- The Race Director will demand the removal from the track of any car which is dragging on the track, interfering with other cars, or continually deslotting.
- The car may be repaired and returned to the track once repaired.
- If the problem continues, the black flag will be enforced again.

GUIDE AND LEAD WIRE:

- Only one guide per car.

FRONT WHEELS:

- All cars must be fitted with two front wheels located in the normal chassis position.
- The front wheels must contact the track surface before any part of the chassis when car is rocked from side to side (the "tip and touch" rule).
- JK Flexi Aeolos Chassis or New Mossetti style chassis does not come with provision for front wheels. Stick on front wheels are allowed on body.

REAR WHEELS:

- Any colour/compound Tyres may be used.
- For classes up to and including Wing 12 maximum Wheel inside diameter of .500", Wheels may be drilled but not waffled.
- Classes after Wing 12 (Int 15, 27 Lite, Brushless open, 2MO) any wheel size and drilling/waffling allowed.

BODIES:

- All bodies used must be commercially available.
- Bodies must cover the entire chassis and guide.
- No parts other than rear wheels may protrude.
- Where a particular body or range of bodies is specified they must not be cut above the manufacturer's cut line.
- Bodies must be painted to appear opaque with the exception of windows, which must be left clear.
- Bodies must display at least three identical racing numbers.
- All bodies must have interiors where required must painted in a minimum of three colours so as to maintain an appearance of realism and be of a correct scale and size to cover the entire inside of the car from front to rear windows.
- Wing car interiors are permitted in Wing 12, Int. 15, 27 Lite, OMO and Group 7.
- Bodies may be reinforced with tape and/or other suitable materials.
- Front edges of side dams must be taped to prevent injury to marshals and spectators.
- Maximum height (wing cars) - 63.5mm.
- Maximum front diplane length (wing cars) - 12.7mm.
- Air control devices other than those provided by the manufacturer for that particular body are not permitted for Flexi-Kars and Group 12 GTP.

GROUND CLEARANCE AND WIDTH:

<i>Class</i>	<i>Minimum track clearance Measured at rear axle</i>	<i>Maximum width excluding body fixing devices</i>
Flexi/Sedans	0.047"	85 mm
Group 7/O.M.O.	0.062"	83 mm

All cars must meet the specified minimum clearance at the start of qualifying and race.

- The track will be conditioned by the Race Director prior to the commencement of qualifying and as deemed necessary between races. No other traction compounds may be applied to the track.
- Applying traction compound to tyres is strictly prohibited including use of Sticky tape to clean tyres.

THE TRACK

- Ogilvie 155ft Blue King.
- Race - Medium power 13.80
- RH braid in direction of travel is positive.

LAP RECORDS (Spray Glue)

Group 7	1.919 Dan Roberts
O.M.O.	1.953 Cody Bramble
27 Lite	2.106 Dan Roberts
Int 15	2.442 Shayla Roberts
Group 12 Wing	2.452 Dan Roberts
Hawk 9 Flexi	3.636 Adrian Bycroft
LMP Brushless Flexi	4.133 Rick Verbeek
Nascar Brushless Flexi	4.655 Chae O'Brien

DISPUTES AND INTERPRETATION OF THE RULES

If a dispute arises, or if these rules need to be interpreted, the Race Director will resolve the dispute or interpret these rules as the case may require.

The Race Director will make all decisions in the interests of maintaining fair and equitable race conditions for the competitors.

The Race Director's decision is final, and there is no appeal from the Race Director's decision.

If a situation arises that is not covered by these rules, then the Race Director may refer to the current edition of the USRA Rulebook for guidance. However:

1. There is no compulsion for the Race Director to make such a reference;
2. Any decision that the Race Director makes will be final and binding whether or not the Race Director refers to the USRA Rulebook; and
3. In the event of any conflict between these rules and the USRA Rulebook these rules will take precedence.

"Commercially available" means commercially available **in Australia**. If we haven't seen it before, then it's **not** commercially available in Australia, and not "commercially available" for the purposes of these rules.

A race committee will be formed (minimum 3 independent drivers) who will rule on any breach of these and subsequent regulations in consultation with the race director or his delegate. The race committee will be the first point of call for any race related problems that may occur during the duration of the event. The race committee will be advertised prior to the event starting.

NASCAR BRUSHLESS FLEXI

ENTRY FEE: \$20

RACE TIME:

- Scrutineering 7.00pm Thursday 17th April

RACE FORMAT:

- Finals Only 8 x 3 min. with 2 min. lane change

CHASSIS:

- Any completely stamped steel 'Flexi' type (2 or 3 pieces consisting of 1 centre section plus 1 or 2 pans) where the motor sits on the chassis plate and has mounting tabs for front wheels. Motor may be held by any combination of screwing, gluing and soldering in place. Motor mounting tabs must remain intact excepting minimal opening out of mounting holes to facilitate gear mesh. Aluminium side pans not allowed.
- No modifications except a motor axle brace made from piano wire/brass tube.
- Oilite axle bushes only, may be soldered or glued in place.
- Tape may be used to adjust the chassis movement.
- Pin tubes: Fixed pin tubes located at original body clip mount points are allowed.

BODY:

- Mid America Nascar body only: MAR945
- Body may not be cut above the manufacturer's cut line.

GEARS:

- 64 pitch only. Max RPM tested at 10Volts is 10540. 12-37 recommended starting point.
- All cars will be tested before the race.

WHEELS:

- Front Wheel stickers will be required on the body.
- Rear .740 height maybe cut down.

REAR AXLE:

- 3/32" solid only.

MOTOR:

- Do Slot or B52 3KV.
- Allowed Boards Westrock, Do Slot Green or Red and Mid America.
- Any signs of tampering and car will be DQ'd

LMP BRUSHLESS FLEXI

ENTRY FEE: \$20

RACE TIME:

- Scrutineering 10.00 am Friday 18th April

RACE FORMAT:

- Finals Only 8 x 3 min. with 2 min. lane change

CHASSIS:

- JK Aeolos Chassis only
- Aluminium side pans not allowed.
- No modifications except a motor axle brace made from piano wire/brass tube.
- Oilite axle bushes only, may be soldered or glued in place.
- Tape may be used to adjust the chassis movement.

BODY:

- JK LMP Bodies or Red Fox Lolac RFSC27C
- Body may not be cut above the manufacturer's cut line.

GEARS:

- 64 pitch 14-34

WHEELS:

- Front Wheel stickers will be required on the body.
- Rear – Maximum Diameter .740

REAR AXLE:

- 3/32" solid only.

MOTOR:

- **KC Racing 3200KV No Modifications.**
- **All motors will be Rev Checked to see if they fall in the acceptable range.**

GTP HAWK 9 FLEXI

ENTRY FEE: \$20

RACE TIME:

- Scrutineering 1:00pm Friday 18th April

RACE FORMAT:

- Finals Only 8 x 3 min. with 2 min. lane change

CHASSIS:

- Any commercially available completely stamped steel 'Flexi' type (2 or 3 pieces consisting of 1 Centre section plus 1 or 2 pans). Aluminium side pans allowed. Motor may be held by any combination of screwing, gluing and soldering in place
- Motor mounting tabs and front wheel mounting tabs may be removed.
- Ball bearings may be used.
- Shaker/Pin Tubes are allowed.

BODY:

- ANY GTP type body
- Maximum rear body height 45mm when car is sitting on a tech block.

GEARS:

- Any

WHEELS:

- Front wheel stickers will be required on the body.
- Rear – Any may be cut down. .

REAR AXLE:

- 3/32" solid only.

MOTOR:

- JK Hawk 9 (BB version allowed)

WING 12

ENTRY FEE: **\$30**

RACE TIME:

- Scrutineering 10am Saturday 19th April

RACE FORMAT:

- Finals Only 8 x 3 min with 3 min. lane change.

CHASSIS:

- Any commercially available "Box 12" chassis.
- The centre section/side rails may not be modified from original specification.
- Ball bearings allowed.

BODY:

- Any commercially available "wing car" body.

GEARS:

- Unrestricted

WHEELS:

- Front: minimum diameter 1/2"
- Rear – Plain hub maximum diameter in hub .500 (see general rules, Wheels may be drilled, not waffled)

REAR AXLE:

- 3/32" Solid Only

MOTOR:

- Any commercially available Mura, Champion (Force or Xterminator), Proslot, Camen, Kamen, Koford, 2KK/Cahoza, Kelly or RJR full size "C" can type setup (no strap cans).
- 'C' can endbell only may be used (no aluminium endbells).
- Endbell may not be modified in any way.
- Endbell hardware screws and endbell-to-can mounting screws may be added and/or substituted.
- Can may not be modified except for the following –
 - Notching for axle clearance.
 - Removal of plating and/or paint to facilitate soldering
 - Oilite hole may be centered.
- Ball bearing is permitted in can and endbell. May be soldered and/or glued in place.
- Any full can height, single piece ceramic magnets may be used. (No Quads or multi-segment magnets except Proslot SMQ Permitted). Magnets may NOT contain "Rare Earth" materials-defined as elements with Atomic weights 58 through 71.
- Magnets may be shimmed, glued, radiused and polished.
- Any brushes and springs may be used.
- Heat sinks, buss bars, shunt wire and spring insulation may be used.
- Any production tagged Group 12 armature with a minimum of 50 series wound turns of 29 gauge (AWG) wire may be used. No H12 arms.
- Minimum armature diameter 0.512".

INTERNATIONAL 15

ENTRY FEE: **\$30**

RACE TIME:

- Scrutineering 4.00pm Friday 18th April

RACE FORMAT:

- Finals Only 8 x 3 min with 3 min. lane change.

CHASSIS:

- Unrestricted.
- Ball Bearings allowed

BODY:

- Any commercially available 'Wing' body.

GEARS:

- Unrestricted

WHEELS:

- Front minimum diameter 1/2".
- Rear any.

REAR AXLE:

- Any

MOTOR:

- Any commercially available 'C' can type (including straps).
- Can may be modified but must retain original 'C' can dimensions, as per 2001 U.S.R.A. rules.
- Ceramic magnets only. Magnets may NOT contain "Rare Earth" materials-defined as elements with Atomic weights 58 through 71.
- Any production made tagged 15 armature with minimum stack diameter of 0.480".
- Ball races are allowed.

OPEN BRUSHLESS

ENTRY FEE: \$35

RACE TIME:

- Scrutineering Sunday 20th April 10am

RACE FORMAT:

- Finals only 8 x 3 min with 3 min. lane change.

CHASSIS:

- Unrestricted.

BODY:

- Any commercially available 'Wing' body

GEARS:

- Unrestricted.

WHEELS:

- Front minimum diameter 1/2".
- Rear any.

REAR AXLE:

- Unrestricted.

MOTOR:

- ANY Brushless motor

27 LIGHT

ENTRY FEE: **\$35**

RACE TIME:

- Scrutineering 2pm Saturday 19th April

RACE FORMAT:

- Finals Only 8 x 4 min with 3 min. lane change.
- Cars will be impounded from the completion of qualifying until the start of your "Final"

CHASSIS:

- Spring Steel only
- The centre section/side rails may not be modified from original specification

BODY:

- Any commercially available 'Wing' body.

GEARS:

- Unrestricted.

WHEELS:

- Front minimum diameter 1/2".
- Rear any.

REAR AXLE:

- Unrestricted.

MOTOR:

- Any set up.
- With single magnets only
- Any production made tagged 27 armature with minimum stack diameter of 0.459" and minimum stack length of 0.440".
- Two motors may be used, both must be presented for scrutineering.

2 MOTOR OPEN

ENTRY FEE: **\$40**

RACE TIME:

- Scrutineering Sunday 20th April 2pm

RACE FORMAT:

- Finals Only 8 x 4 min with 4 min. lane change.
- After Qualifying 10 mins given to all competitors to get ready to race with track on.

CHASSIS:

- Unrestricted.

BODY:

- Any commercially available 'Wing' body

GEARS:

- Unrestricted.

WHEELS:

- Front minimum diameter 1/2".
- Rear any.

REAR AXLE:

- Unrestricted.

MOTOR:

- Unrestricted
- Limited to 2 Brushed Motors