

VINTAGE SPEEDCAR / MODERN MIDGET

- 1 General**
 - 1 All cars must have current Vintage Speedcar or Modern Midget body
 - 2 Cars must be on Smartech or Carson chassis only
 - 3 Both styles must resemble full size speedway cars
 - 4 Alloy components that resemble commercially available and fitted to the approved vehicle are allowed

- 2 Radio**
 - 1 2.4Ghz controllers only allowed
 - 2 No radio aids or enhancements are allowed
 - 3 D boxes and/or Gyro's are not allowed
 - 4 Transponder to be mounted centrally between front wheels
 - 5 On/Off switch can be repositioned

- 3 Engine**
 - 1 Maximum engine capacity is 23cc
 - 2 Zenoah G230RC / G240RC / Smartech 230 or like CY engine or reed valve (GB) motor
 - 3 Restrictor plate must be fitted with 9mm hole.
 - 4 Engine must remain standard as per manufacturer's specifications
 - 5 Restrictor plate to be supplied by SSME.
 - 6 Porting and polishing is not allowed
 - 7 Stuffed crank is not permitted
 - 8 Any original carburettor can be fitted from the listed engines, only choke can be removed.

 - 9 Non standard air filter is allowed
 - 10 Boost bottles are not permitted
 - 11 Standard ignition system including spark plug lead only allowed
 - 12 Kill switch must be fitted and operational
 - 13 Kill switch must be designated by a blue triangle
 - 14 Recoil starter must be fitted and operational
 - 15 Insulator block including gaskets not to exceed 28mm in length.

- 4 Clutch**
 - 1 Must be fitted and operational
 - 2 Only manufacturers standard clutch from listed engines are allowed
 - 3 Aftermarket clutches are not allowed

- 5 Exhaust**
 - 1 Standard exhaust system is only permitted from listed engines.
 - 2 Engine noise must not exceed 95dBA measured from approximately 10m from the model using an SSME approved measuring device

- 6 Brakes**
 - 1 Must be fitted and operational
 - 2 Only manufacturers standard braking system allowed

- 7 Model dimension**
 - 1 Vintage Speedcar - maximum o/a car length is 830mm +/- 10mm
 - 2 Vintage Speedcar - maximum body width is 250mm +/- 10mm
 - 3 Vintage Speedcar - external high bar roll cage is not permitted
 - 4 Vintage Speedcar - maximum wheelbase is as per manufacturer 476mm
 - 5 Vintage Speedcar - maximum width is as per manufacturer 425mm
 - 6 Vintage Speedcar - wheel spacer are not allowed
 - 7 Vintage Speedcar - original roll cage may be removed in full or part

 - 1 Modern Midget - maximum o/a car length is 830mm +/- 10mm
 - 2 Modern Midget - maximum body width is 210mm +/- 10mm
 - 3 Modern Midget - maximum roll cage height from base plate is 250mm +/- 5mm
 - 4 Modern Midget - maximum wheelbase is as per manufacturer 476mm
 - 5 Modern Midget - maximum width is as per manufacturer 425mm
 - 6 Modern Midget - wheel spacer are not allowed
 - 7 Modern Midget - original roll cage may be removed in full or part
 - 8 Modern Midget - roll cage to be made from 10mm hollow steel tube

- 8** Wheels and tyres
- 1 Standard Smartech wheels and tyres are only allowed
 - 2 150mm x 60mm wide
 - 3 Bishop, slicks or spikes are not allowed

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- 9** Wings
- 1 Wings are not allowed
- 10** Driveline
- 1 Differential must remain standard and fully operational
 - 2 Modifications or enhancements are not allowed
 - 3 19 and 48 teeth combination only allowed in clutch assembly
 - 4 16 and 48 teeth combination only allowed in differential assembly
 - 5 gear can be plastic or metal
- 11** Front axle
- 1 Must remain as supplied by the manufacturer, no modifications allowed
- 12** Suspension
- 1 Shocks must remain as supplied by the manufacturer
 - 2 Shock oil is not restricted
- 13** Fuel tank
- 1 Must be mounted securely within the body of the model
 - 2 Must be made of leak proof material
- 14** Fuel
- 1 Unleaded / premium unleaded with two stroke oil additive is only allowed
 - 2 Methanol, nitro, av gas, non commercial aftermarket fuel and non 2 stroke oil additives are not allowed
- 15** Crash and nerf bars
- 1 Vintage speedcar, all bars as supplied with body
 - 2 Modern midget, all bars to resemble full size car
 - 3 All bar must be maximum 1/4" steel only
- 16** Race numbers
- 1 Must be minimum 3.5" high and 2.25" wide
 - 2 Must be fitted to both sides of tail tank in a contrasting colour
 - 3 Number to have state letter adjacent
 - N = NSW
 - Q = Queensland
 - W = Western Australia
 - V = Victoria
 - S = South Australia
 - NT = Northern Territory
 - T = Tasmania
 - A = ACT
 - 4 Current NSW Champion may display N1
- 17** Inspection
- 1 SSME QSC officials retain the right to inspect any vehicles
 - 2 Vehicles may be inspected prior to a blue ribbon event at the discretion of SSME QSC officials
 - 3 Vehicles may be inspected at the completion of any event other than a fun day at the discretion of SSME QSC officials
 - 4 Penalties will apply if any vehicle is found to be in breach of any rule
 - 5 Refusal to comply with an inspection instruction from any SSME QSC official will deem the vehicle to be illegal and subject to a penalty
 - 6 Any costs incurred during an inspection is at the owners expense
 - 7 Vehicle must be dismantled by the owner under the supervision of an SSME QSC official
- 18** Note
- 1 Anything not included and detailed in these rules and specifications is deemed to be illegal. Written request must be submitted to SSME QSC officials for evaluation and technical clarification. Once accepted it will be put to a vote of the members of the section prior to inclusion to these rules