

1/28 Scale Rules and Regulations Version 1.1

by 128C

Dimensional Specifications:

Body

Length (B): max 180 mm
Width: max 80 mm
Height (C): max 55 mm including wing
Rear wing cord: max 25 mm, can not extend more than 10 mm beyond end of body
Rear wing length : max 80 mm, can not extend above roofline of body
Material : may be either hard plastic, lexan, or carbon fiber
Widows : must be complete except for clearance issues
Appearance : must be modeled after real 2 or 4 door sedans, except for Pan car class

Chassis

Wheelbase (A): max 106 mm, min 86 mm
Track : must fit inside of body specifications
Weight: min 170 g
Drive train : 2WD or AWD, single speed only, belt or shaft system

Wheels

Wheels: Diameter max 21.5 mm
Width : max 12 mm
Material : Any

Tires

Diameter : max 27 mm
Width : max 12 mm
Material : rubber only
Traction compound: not allowed

Battery

* 4 cells maximum.
* AAA or smaller size NiMH rated at 1.25 volts or less

Electric Motor

* Industry standard "130" size brushed motors
* Overall maximum diameter: 20 mm measured at whatever point yields the maximum dimension.
* Maximum length: 28.5 mm measured from the mounting face of the motor to the furthest most point of the end bell
* Handout motor class only: Motors can not be tapered with in any way, brushes can not be changed and endbells can not be removed for any reason. Any evidence of tampering will be means for disqualification.

Electronic Equipment

* Any combination of electronics, whether integrated or independent is allowed.
* No limit for number of external or internal FET modifications to the electronic boards.

Radio Equipment

* 27 Mhz
* 75 Mhz
* 2.4 Ghz

Qualifying

* Four five-minute rounds with resorting after every round

Mains

* All A-mains eight-minutes
* Lower mains five-minutes

Rules may be subject to changes.