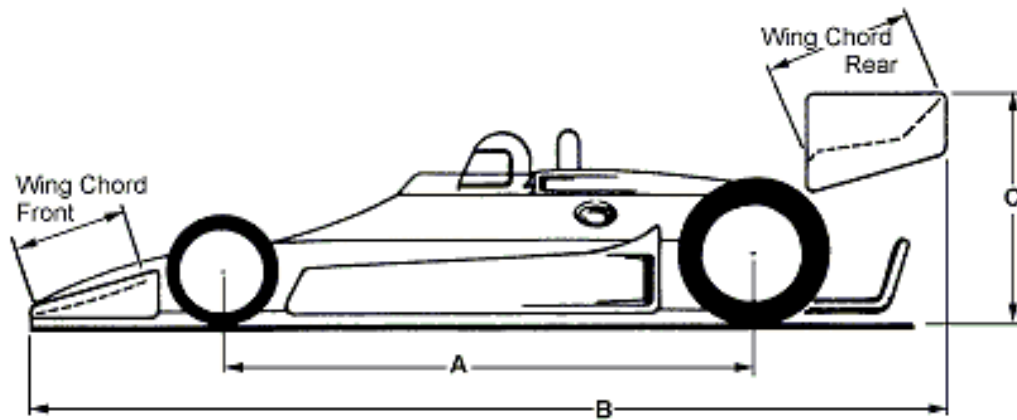


LRCCC F1 Class Rules and Specifications

Adopted 20-Sept-2014



Body Specifications:

Any F1 body shell available to the general public. Painting your shell in past or current full scale F1 team colours is encouraged but any paint scheme is allowed. Driver head / helmet must be fitted. Painting of the drivers helmet and overalls is encouraged.

Body must be completely intact as it was intended by the manufacturer. It cannot be 'extra' trimmed along the bottom or cut in a way to be lowered on the chassis. The air intakes may be cut out (in the airbox and side pods) but not bigger than the original scribe marks in the body. A driver's helmet must be used.

Any wing designed for the chassis or body shell in use is allowed. Touring Car wings may not be used. The shape can be customized but must retain the original leading and trailing design (leading edge must not extend past the leading edge of the center plate; trailing edge must not extend more than 22mm past the trailing edge of the center plates). The rear wing cannot be higher than the top of the air box. Diffusers are allowed but cannot be higher than the rear axle or protrude past the side dams of the rear wings' trailing edge.

Tire & Wheel Specifications:

Any rubber F1 tire available to the general public. No wheels or tires manufactured for a class other than F1 may be used unless the manufacturer lists it as the primary wheel/tyre for that chassis eg; Corally.

Wheels must be F1 specific, spoked wheels. No additional aerodynamic dish inserts may be used other than the ones supplied with the body kit. Any tire inserts can be used.

All Retail versions of traction compound are allowed. Paragon FXII, Paragon Ground Effects, Stickyfingers, SXT – **NO HOME MADE SOLUTIONS ALLOWED.**

Chassis Specification:

Any commercially available 1:10 scale rear wheel drive F1 or Indy Car chassis with a T-bar, Pivot Ball Link or independent rear suspension. Any hop ups specifically available for that chassis are allowed.

Width: 205mm max

Wheelbase: 270mm max

Motor Specifications:

Brushless: Any ROAR-Legal 21.5 turn brushless motor with any ROAR approved rotor. Any end bell timing is allowed.

Brushed: Any 540 size 27 turn Johnson or Mabuchi silver can motor which may not be modified or tampered with in any way.

ESC Specifications:

Brushless: Any ESC that does not have dynamic timing ie; boost or turbo timing options, or any ESC that has a Blinky mode ie; a flashing light denotes that no dynamic timing is enabled, is allowed.

Brushed ESC for silver can: Any.

Battery Specifications:

Battery Specifications: 2 cell LiPo hard cased.

Battery Max Voltage: 8.44v

Ride Height Specification:

Minimum ride height is 3mm.

Weight Specification:

Minimum 1000g in race-ready trim

Driving Aids:

No electronic driving aids (steering control by gyroscope, Drag Reduction System, wheel speed sensors, etc). Transmitter functions are allowed.

Race Specification:

- 5 minute qualifiers
- 8 minute mains

All decisions of the race director are final.