

**Monaco Gran Prix Miniature Racing Club**  
**MGPMRC**  
January 21, 2005  
**Rules, Procedures and Technical specifications**

**Special Class Rules / Specifications:**                    **1/32 Indy Roadster**

**Car:** 1/32 scale replica of a car that qualified for and started in the Indianapolis 500 and was of the classic "Indy Roadster" configuration. These are generally from the 1950's and 1960's. It is to be built from an EJ's 1/32 Indy Roadster kit. The kits are available from EJ's and may be available from the MGPMRC club store. This class is intended to be as close to "Box-Stock" as possible.

**Body:** 1/32 scale clear plastic (lexan) vacuum-formed body of an Indy Roadster supplied in the kit. Must be painted and have the upper torso driver as supplied in the kit or an exact replacement. It is desirable for the body to be painted and decorated similar to its prototype. Body may be mounted using any conventional means.

**Chassis:** The EJ's chassis as supplied with no chassis modifications except those noted here. The bearings may be soldered to the chassis. The rear of the chassis may be strengthened using brass or piano wire and may include a piano wire or brass loop for strength or protection. The chassis may be strengthened using piano wire or brass rod or tubing soldered inside the side rails of the chassis. A bumper or pickup protection bar may be constructed from brass or piano wire and soldered to the front of the chassis. The chassis may not be bent in order to lower the center of gravity and must be flat along its entire bottom surface. Stick-on or glued lead or brass weight may be added. The pickup may be replaced with a normal type pickup. There must be .047" clearance under the chassis except for the guide, wheels and tires.

**Wheels / Tires:** The hard rubber tires and the screw-on tires and wheels supplied in the EJ's kit must be used. Set screw wheels and foam or silicone tires may not be substituted. The original tires may be replaced with Ortmann tires that are a rubber replacement available from Professor Motor. They are part numbers PMTR4525 or PMTR4526, either is acceptable. The maximum width is 2 ¼" from outside to outside of wheels, tires and axles.

**Motors:** Only the FOX motor supplied by EJ's may be used. The original motor may be replaced by the equivalent FOX motor, not the more powerful Cheetah.

**Gears:** Only the original gears or exact replacements may be used. Must be 48 pitch with an 8 tooth pinion and a 27 tooth spur gear as supplied from EJ's. The COX 27 tooth gear included in the kit may be replaced by another crown gear such as a PARMA pink crown gear of the same number of teeth.

**Track Power:** This class will be run on Low Power as defined by the MGPMRC rules.

**Tech Inspection:** The determination of technical qualification for the event rests upon the discretion of the Technical Director. Either pre-race or at the conclusion of a race, if the results are challenged or at the discretion of the Technical Director, any car may be given a thorough breakdown inspection with the body removed. At that time the car may be disqualified at the determination of the Technical Director resulting in the removal of that car and driver from all points scoring positions for that race.