

# Monaco Gran Prix Miniature Racing Club

**MGPMRC**

Jan 8, 2017

## Rules, Procedures and Technical specifications

### 1/24 Flexi Race Kart

**Chassis:** May be any of the 1:24 "flexi" style commercially available stamped metal 2-or 3 piece chassis with 4 inch wheelbase and of the "angle-winder" motor configuration. Full bodied cars must use a full width chassis. Open wheel cars must use a narrow chassis intended for Indy / F1. No modifications allowed other than those specified here.

Weight may be added in the form of lead or ballast. The weight may not be in the form of brass, piano wire or some other structural material intended to enhance the original chassis. The front or rear axle mounts, the motor or the pickup mount may all be soldered, braced or strengthened if desired. Front axle must be as intended by chassis manufacturer. Axle bearings may be soldered or glued in place. Guide flag may be replaced if desired. Guide flag depth may be reduced to obtain proper depth.

**Wheels / Tires / Axles:** All tires must be black or very dark as to appear black. Front wheels / tires may be of the "o-ring" type with no minimum width. The front axle is whatever was supplied with the chassis. Rear axle may be 3/32 or 1/8. Rear tires may be foam, silicone or similar. Maximum overall width to outside of wheels and tires is 3 1/4" (3.25"). No sticker fronts!

**Motors:** Any Falcon or Hawk. The motor may not be modified in any way.

**Gears:** Can be any pitch and any size pinion or spur may be used resulting in any gear ratio. Be careful using the larger spur gears because these cars suffer from significant tire wear during races and clearance problems may occur regularly forcing frequent replacement of tires.

**General:** Minimum ground clearance is 1/16" (.0625") except for wheels and tires and guide flag. Note that this includes the gears and any weight that may have been added on the bottom of the chassis. Maximum overall width of chassis, including outside of wheels and tires may not exceed 3 1/4" (3.25").

**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.

### Spirit of the Class

1/24 scale racing go cart

### Body

Lexan vacuformed available through the club store.

### Special Class Rules / Specifications

Cars must use the full width chassis intended for non open wheel bodies. Front axle mount may be modified to accept 3/32" or 1/8" front axle to allow the use of wide front tires and wheels.