

**Monaco Gran Prix Miniature Racing Club**  
**MGPMRC**  
**Rules, Procedures and Technical Specifications**

**Extended C Production - Narrow**

**Spirit of the Class** 1/24 Vintage Sprint

**Chassis:** Must be one of the stamped, commercially available one-piece Sprint Plus or LVJ002 chassis with inline motor configuration intended for 1:32 scale with the modifications stated. No additional modifications are allowed other than those specified here.

**Required Modifications:** The chassis must be narrowed to no wider than the motor bracket with the exception of the front axle carrier area. If the original stamped body clip holders, normally located on each side of the chassis, must be cut off to achieve the narrowed width, they may be resoldered on top of the chassis to provide body mounts or other solid body mounts may be added as needed (no floating or hinged mounts allowed). Also, the original chassis must be separated with a single cut across the chassis somewhere between the front axle uprights and the motor bracket and lengthened using a solid single piece of .035" - .064" brass or steel to achieve the overall wheelbase required for the style of body being used. The new section must be solidly soldered to both of the pieces of the original chassis and may not be hinged, allowed to pivot or otherwise move in any direction. Additional metal may be used to strengthen the joint. The finished chassis must be one solid piece when ready to race. The motor must be located in its original location and orientation. The final wheelbase (center of front axle to center of rear axle) will depend on the body to be used. The original stamped body clip holders cut from each side of the chassis may be soldered on top of the completed extended chassis for strength and ease of mounting the body.

**Additional Modifications Allowed:** 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 mount, the pickup mount or the chassis extension joints may all be soldered, braced or strengthened if desired. Both front and rear axles must be 1/8" in diameter. Oilite bushings are allowed both front and rear but not ball or roller bearing. Front wheels may be set to be freewheeling. Axle bushings may be soldered or glued in place. Guide flag may be replaced if desired. Guide flag depth may be reduced to obtain proper depth.

Chassis must be covered completely by the body when viewed from directly above. (There may be minor exceptions to this due to the nature of the car). Minor trimming of the chassis may be done only to allow body clearance. Pin tubes may be added for body mounting. Body mounts, pin tubes, etc. must be firmly soldered to the chassis whether directly on top of the chassis or inserted through the original body clip holes.

Chassis must pass the minimum clearance test. Chassis must be constructed in such a manner as not to inflict injury or damage to corner marshals, anyone else, other cars or the track.

**Wheels / Tires:** Front and rear tires must be black. Front tires must be a minimum of 1/4" (.250") in width, may not be o-rings, must be a minimum of 5/8" (.625") in diameter. They must be mounted on a 1/8" (.125") front axle. Front tires must be of the scale "squared-off" look but may be slightly rounded at the corners. The front tires may not be round or V-tapered so that only a narrow point touches the track. The rear axle must be 1/8" (.125") with the appropriate wheels and tires. Rear wheels and tires are usually of the setscrew variety.

**Motors:** The only allowable motor is the "Falcon I", properly identified and marked, as adopted by the MGPMRC as its specification motor. No other motor is allowed. Lead wires may be replaced. The motor may not be modified in any way and must be left as manufactured. Cleaning and lubrication are allowed. but no replacement of end bell, magnets, brushes, springs, etc.

**Gears:** Must be 48 pitch with 8, 9 or 10 tooth pinion and 27 or 29 tooth crown. Gears are subject to ground clearance restrictions. Pinions are usually metal (plastic not recommended but not prohibited). Crown gears may be nylon / plastic or metal.

**General:** Minimum ground clearance is .047 except for wheels and tires and guide flag. Note that this includes the gears. Maximum overall width of chassis is 2 1/16" (2.0625"). Maximum width from outside to outside of wheels and tires is 2.87". The wider track is allowed for these cars in order to allow the use of the original wheels and tires after removing the original spacers and replacing with very thin spacers.

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

**Body** Vacuformed, or Hard Plastic

**Special Class Rules / Specifications**

**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 or a 1 race exemption allowed.