

Monaco Gran Prix Miniature Racing Club
MGPMRC
October 15, 2008
Rules, Procedures and Technical Specifications

Special Class Rules / Specifications:

1/24 Vintage F1

Wood Road Course
Spring 2009

Car: 1/24 scale replica of a Vintage Formula 1 racer between the years 1930 -1959. The spirit of the class is a line-up of realistic looking F1 cars from the vintage era. No rear-engine bodies are allowed with the exception of the Auto Union.

It is to be built from an American Line kit #5050 or 5051 or American Line chassis #1013. The kits come with a 1/24 hot Rod Jalopy body but a vintage F1 body must be substituted. The kits may be available from the MGPMRC club store or another member. A body may also be available from the club store. This class is intended to allow these cars to comply with both the GSRA and MGPMRC rules.

Body: 1/24 scale clear plastic (lexan) vacuum-formed body of a front-engined F1 available from many sources. Must be painted and have the head and shoulders of a driver. It is desirable for the body to be painted and decorated similar to a prototype. The body must display 3 race numbers. Body may be mounted using conventional means.

Chassis: The American Line chassis as supplied with no chassis modifications except those noted here. A brass tubing mount for a 1/8" front axle must be soldered to the chassis. Usually 2 brass rods or tubes are used but other means are acceptable. The bearings may be soldered to the chassis. Ball bearings are not allowed. 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. A bumper or pickup protection loop 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. There must be 1/16" (.0625") clearance under the chassis except for the guide, wheels and tires.

Wheels / Tires: All tires must be black. Front wheels / tires must be at least 1" tall. Their width must be in the range from 1/4" to 1/2". Rear tires / wheels must be at least 1" tall with a maximum width of 1/2". The maximum width is 2 3/4" from outside to outside of wheels, tires and axles.

Motors: Unmodified K&B Bobcat 36D motors as supplied in the kit only. The motor may not be opened or modified in any way and must be left as manufactured. (Replacement brushes are allowed)

Gears: Only the original gears or exact replacements may be used. Must be 48 pitch with a 10-tooth pinion and a 35 or 37 tooth spur gear.

General: Minimum ground clearance is 1/16" (.0625") for everything except wheels and tires and guide flag. Note that this includes the gears. Maximum overall width to outside of wheels and tires is 2 3/4" (2.75").

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.

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Suggested bodies (from Patto's):

30 BGATTI 35B
38 AUTO UNION GP
39 MRCDES W 163
39 Alf 158
48 ALF 159 GP
51 Lago-Talbot GP
54 Mercedes W196 Streamliner
54 FRRARI SQUALO GP
55 MRCDES W196 STREAMLINER
56 LNCIA FRRARI
56 CONNAUGHT TYPE B GP
57 Vanwall F1
57 MSERATI V12 GP
58 Vanwall F1
59 FRRARI DINO 246 F1