

**Monaco Gran Prix Miniature Racing Club**  
**MGPMRC**  
**01/08/2017**  
**Rules, Procedures and Technical specifications**

**Class Rules / Specifications**    ProTrack/H&R Bomber                      Oval Racing                      Full Year 2017

**Car:**    1:24 or 1:25 scale replica of the type of car known as Bombers or Sportsman cars. These were commonly run on dirt oval by amateur/hobbyist drivers and teams. The models are to be 60's and earlier.

**Body:**    Must be hard plastic 1:24 or 1:25 scale of the type supplied with plastic model kits. The car must be complete with the full interior supplied with the kit or a plastic or lexan vacuum-formed full-length 3-dimension interior. Interior must be painted realistically. The body must fully cover the chassis and all 4 tires as viewed from above. The body and interior must cover the motor and chassis as viewed through any of the vehicles windows. The body must be attached to the chassis aluminum side plates using Pro Track "buttons", double-sided tape, Velcro, screws or some similar means. It is expected that racing these vehicles may take a toll on the bodies during each race but reasonable efforts are required to repair the damage prior to the next race. It is strongly suggested that the body and its parts be permanently secured using tape or glue to prevent loss of major parts.

All vehicles must be complete including windows, bumpers, body parts, etc. in order to pass tech inspection. Body may not be altered in any way, such as enlarging wheel wells, etc., in order to lower the body. It is desirable that the vehicle resemble a full-size racer that competed in these classes. However, it is allowable to repaint the body, interior and driver as desired but each must retain a prototypical appearance.

A vehicle losing parts during the course of a race may be black-flagged if, in the judgment of the Race Director, it poses a danger to other vehicles, drivers or turn marshals and can only return to the track when judged to be safe. Other drivers may call for a "track call" to assess potentially dangerous vehicles. During racing, a vehicle that has lost its interior shall be immediately black-flagged.

**Chassis:** May be a Pro Track, H&R, Parma, any B&E SlotSport (Crusader), or other Brass/stamped chassis. No custom built chassis. Motor and gear configuration must be "inline" and not "anglewinder" or "sidewinder". Weight may be added, provided it is not on the bottom of the chassis. A front axle mount may be added using tubing or oilite bearings but must retain original axle diameter and location. The front or rear axle, the motor or the pickup mount may all be braced or strengthened if desired. Axle bearings may be soldered or glued in place. Chassis must pass the minimum clearance test. The weight may not be in the form of brass, piano wire or some other structural material intended to enhance the original chassis.

**Wheels / Tires:** Pro Track, H&R, and another similarly sized tires are allowed. If replaced, must be exactly as the originals. The axles can be either 3/32" or 1/8" in diameter. All tires must be covered completely by the body when viewed from directly above. For example, Replacement rear wheel and tire sets are manufactured by Pro-Track part number N320. The rear tires are 27 mm in diameter, .18mm wide with the wheels approximately 17mm in diameter. N320 Replacement front wheel and tires sets are also manufactured by Pro-Track and are part number 400. They are 27 mm in diameter, .10mm wide with the wheels approximately 17mm in diameter.

**Motors:** Must be the Plafit Cheetah II, either Blue Can for the H&R as supplied with the chassis or the "Falcon I", properly identified and marked, as adopted by the MGPMRC as its specification motor. No other motor is allowed. The motor may not be modified in any way and must be left as manufactured. It must be attached to the rear motor mount using screws, solder, etc. Lead wires may be replaced. The motor must be visible through the opening in the bottom of the chassis.

**Gears:** May be replaced but must be 48 pitch as original using an 8 or 9 tooth pinion and tooth crown gear but retain the original inline motor configuration. The crown gear as supplied is either a Cox or a Parma pink crown gear of 48 pitch. Any brand of gears may be used but must be 48 pitch. Gears are subject to ground clearance restrictions.

**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 3 1/8" (3.125").

**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 vehicle may be given a thorough breakdown inspection with the body removed. At that time the vehicle may be disqualified at the determination of the Technical Director resulting in the removal of that vehicle and driver from all points scoring positions for that race