

Pan American Road Race (Class B)

Theme- Road cars of the period which ran in any nationally recognised road race between 1950 and 1970. Special racing prototypes or Cars which also ran in the Trans Am/NASCAR racing post 1960 will be excluded.

Class for RTR, modified or scratch built models.

Class B Rules (All parts must be commercially available)

B1) Motors

Motor with a manufacturer's rating not exceeding 18,000rpm at 12 volts. Motors in RTR models can be changed and orientation altered with the appropriate motor pod/chassis. Motors can be small can, Short Can, Long Can, Flat Can or Slim Can, or RX construction. Motors must not be modified from manufacturers specification. Motors with excessive magnet traction are not allowed (eg Avant 20103, MB Dodo and BRM Super Evo)

B2) Gears, axles, wheels, bushes

free choice

B3 Tyres

Any Rubber compound can be used.

Front and rear wheel and tyres: minimum width 5mm, maximum width 8mm

B4) Slot Guide

Maximum guide blade depth 6mm and maximum 1.7 mm thickness and 21.5mm length. Any car may have an easy fit guide replaced with a conventional wired guide with the necessary minimum modifications to the chassis. The guide must not protrude in front of the body and should not be visible when viewed from above. Motor wires and braids are free choice.

B5) Ballast

Ballast weight may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly glued in place.

B6) Bodies & Chassis

All body shells must be of hard plastic, glass fibre, resin or 3D printed materials, Clear view windscreens and windows must be provided. Vacuum formed windows and headlight covers are permitted.

Rear view mirrors may be omitted but all other details parts must remain as fitted, wheel inserts must be fitted.

Vacuum formed or lexan interiors are permitted but must be realistic and be a 3d representation of driver and interior.

The chassis can be as that which was supplied as a RTR model, alternatively the use of 3d printed, universal chassis or brass constructed is permitted.

B7) Ground clearance and dimensional requirements

Minimum motor to track clearance 2mm. All four tyres must touch the track surface when placed on the track and all four wheels must rotate.

Maximum overall outside tyre wall width 58mm