

## CHAPTER 24

### 24 ROAD RACING - MINIATURE

- 24-1 The Miniature Road Racing class or 'Bucket Racing' as it is also known, shall be deemed to include solo motorcycles and sidecars.
- 24-2 Motorcycles Technical:
- 24-2-1 Solo motorcycles shall have two engine capacity classes:
- |    |                              |
|----|------------------------------|
| F4 | 2 stroke 55-100cc            |
|    | 2 stroke 55-125cc air cooled |
|    | 4 stroke 55-150cc            |
| F5 | 2 stroke 0-50cc              |
|    | 4 stroke 0-100cc air cooled  |
- 24-2-2 Sidecars shall have one engine capacity class:
- |  |                              |
|--|------------------------------|
|  | 2 stroke 55-100cc            |
|  | 2 stroke 55-125cc air cooled |
|  | 4 stroke 55-150cc            |
- 24-2-3 The maximum capacity for rebored engines shall be:
- |    |                                        |
|----|----------------------------------------|
| F4 | 2 stroke 55-100cc - 104cc              |
|    | 2 stroke 55-125cc air cooled - 130.5cc |
|    | 4 stroke 55-150cc - 158.09cc           |
| F5 | 2 stroke 0-50cc - 53cc                 |
|    | 4 stroke 0-100cc - 104cc               |
- 24-2-4 Engines must be derived from non-competition motorcycles. Motocross, Road Racing, Enduro and Go Kart motors and transmission parts are not permitted. There shall be no restriction on the make, type or design of carburettor, ignition, exhaust, piston, cam, valve springs or cooling system except for class eligibility. All engines must be normally aspirated except F4 4 stroke engines of less than 100cc capacity, which may be turbo or supercharged.  
F4 2 stroke engines over 104cc are restricted to carburation equivalent to a single 24mm carburettor, F5 4 stroke engines over 53cc are restricted to carburation equivalent to a single 20mm carburettor.
- 24-2-5 Fuel: See 10-17-1  
Alcohol based fuel or fuel additives are prohibited.
- 24-2-6 Construction of Solo Motorcycles:  
Miniature road racers are to be constructed in accordance with, and comply with, Chapter 10.

- 24-2-7 Construction of Sidecars:  
Miniature road race sidecars are to be constructed in accordance with the following:
- 24-2-7-1 Wheel Track:  
This shall be minimum of 650mm, maximum 1120mm. The front and rear wheels must not be more than 70mm out of alignment of a straight line at right angles to the rear axle. All measurements are taken at wheel centrelines.
- 24-2-7-2 Wheel Base:  
Rear axle centre to front axle centre - min. 1300mm, max. 2000mm. The sidecar wheel axle shall be between the rear wheel axle and the middle point of the wheelbase.
- 24-2-7-3 Basic Dimensions:  
No part of the construction shall protrude more than 100mm outward from the outside face of the sidecar tyre. No part of the construction shall protrude more than 550mm outward from the centre of the rear tyre  
Only streamlining and its support brackets shall protrude in front of the front tyre.  
There must be a minimum of 75mm ground clearance when the sidecar is loaded with driver and passenger in normal racing positions and all sumps and petrol, oil and water tanks, radiators and associated piping must be adequately protected underneath by at least 14g steel or 10g aluminium guards if they come within 90mm of the ground.
- 24-2-7-4 Streamlining:  
No part of the streamlining shall protrude more than 550mm forward from the front of the front tyre. Care must be taken that the steering is not affected by the fairings. The sidecar wheel, except for the outside face, shall be adequately covered above deck level.
- 24-2-7-5 The Steward of the meeting in conjunction with the Machine Examiner, may disqualify any sidecar from the competition where the construction of the machine is such that it could prove an unnecessary hazard to other competitors or other persons. This disqualification may take place despite the fact that the specifications are in every other respect, within the rules.
- 24-3 Races General  
Miniature road races although conducted on smaller circuits are to comply with the same rules of conduct that cover Road Racing. Where Miniature Road Races are held other than on a Closed Road circuit MNZ shall advise what level of steward may officiate.
- 24-4 Licensing - Juniors 13 years and over shall be allowed to compete in miniature road racing, with all licence and entry applications endorsed by a parent or legal guardian until reaching the age of 16 years. The requirement for a senior licence (22-8-15) does not apply to dedicated Miniature Road Race events on closed roads.

- 24-5 Miniature Road Race Grand Prix  
Motorcycles eligible for the New Zealand Miniature Road Race Grand Prix shall be  
F4 as per rule 24-2-1  
F5 as per rule 24-2-1  
Sidecars as per rule 24-2-2.
- 24-6 Points for Miniature Road Racing:  
Points are awarded for 1st to 15th placing as follows: 20,17,15,13,11,10,9,8,7,6,5,5,5,5,