

Technical Specification

Technical Specification revised Tuesday April 24th 2012

DISCLAIMER

No expressed or implied warranty of safety shall result from publication of or compliance with this specification.

This specification is not a guarantee against injury or death to a participant, spectator or official.

The event organisers shall be allowed to impose any further restrictions and to permit deviations from any of these specifications that in their opinion do not lower these requirements. Any deviations from this specification are left to the discretion of the event organisers. No expressed or implied warranty of safety shall result from any such deviation from this specification.

APPLICATION AND INTERPRETATION

In all matters relating to the interpretation of these rules, the decisions of scrutineers and event organisers will be final.

Competitors intending to exploit any apparent loopholes or ambiguities in this document in order to gain an unfair advantage or to avoid having to comply with its spirit or intent are strongly advised to discuss their plans with the Technical Officer well in advance of the event in order to avoid disappointment. In all matters regarding the interpretation and application of the rules detailed in this document, the organisers' decision is final.

PROPULSION

The vehicle must be powered by gravity alone. Devices which use any form of stored energy for propulsion, whether that energy be stored prior to or during the run, are not allowed.

DIMENSIONS AND WEIGHT

- Maximum overall length – 2500mm
- Maximum overall width – 1500mm

BRAKES

The vehicle must have braking on at least 2 wheels on the same axle.

STEERING

The steering must not; be overly sensitive, have excessive free play, or any characteristic tending to promote instability.

For the avoidance of doubt;

- “Rope and plank” steering is allowed
- “Feet on the front axle” steering is not allowed.
- “Lean” steering (e.g. skateboard) is not allowed.
- Differential braking or “skid” steering is not allowed.

DRIVING POSITION

The driver will ride alone, feet first.

Only seated, reclined or supine (lying on your back face up) driving positions are allowed.

Prone (lying on your front face down) or head first driving positions are not allowed.

BODYWORK AND SAFETY FEATURES

1. General

There must be no sharp edges or protrusions either inside or outside the vehicle.

No glass, Perspex or other materials that would shatter or cause injuries to drivers or spectators in the event of a crash can be used in the construction of the vehicle.

Any steering column, brake lever or other protrusion must be designed and fitted such that puncture injuries cannot happen.

2. Access

Bodywork and controls must not impede the driver in exiting the vehicle unaided. Access for first aid teams in the event of an accident must be considered, and vehicles which are difficult to exit are strongly discouraged.

Any doors or hatches required for driver access must be readily operated from both inside and outside the vehicle

3. Driver Protection

What you wear on the day:

Helmet and gloves

4. Visibility and Warning

The driver must have good all round vision, including to both sides and the rear. If necessary, mirrors should be fitted in order to achieve this.

The bodywork and helmet must not unduly affect the driver's hearing or vision.

BALLAST

Removable ballast is not permitted. The driver may not carry any ballast on their person.

CLOTHING

- The driver must wear a helmet at all times when competing.
- The helmet may be "open-face" or "full-face".
- The helmet must be in good condition and worn to the manufacturers recommendations.

These conditions are adapted from Cairngorm Soapbox Extreme Indemnity Waiver and Release Agreement via Scottish Cartie Association