



SOAPBOX SPECIFICATIONS AND RACE REGULATIONS

SOAPBOX SPECIFICATIONS / CONSTRUCTION

- **ALL** Drivers must travel feet-first
- CLASS 1: 4 Wheelers
- CLASS 2: 3 Wheelers
- CLASS 3: Sidecar outfits
- CLASS 4: Formula Libre (completely free from regulations but must pass scrutineering, including brake test).

Classes 1, 2 and 3

- **Chassis** constructed from steel or wood
- **Bodywork** constructed from GRP, shatterproof plastic, wood or cardboard
- **Motive Power** - The Soapbox must be solely powered by gravity and have no on-board auxiliary energy sources
- **KERS** is permissible
- **Maximum Width:** 1.2 Metres
- **Maximum Length:** 2.5 Metres
- **Seating** - Single seat only
- **Brakes** - The braking system must be operated by hands and/or feet and act on at least 2 wheels on the same axle.
No drag brakes will be permitted.

Class 4

- **General integrity** of construction will be assessed. If the Soapbox has a head-first driver layout, the entrant must explain the crashworthiness and driver safety to the satisfaction of the Scrutineers.

RULES

- **2 drivers** may enter in the same Soapbox but **the organisers MUST BE ADVISED by 2/6/15.**
- **Scrutineering** will take place on the morning of the event between 10am and 12pm in the Avon Pub Car Park, in Avon Dasset. Race numbers will only be issued to Soapboxes which have passed scrutineering.
- **Safety of Construction** - It is each entrant's responsibility to ensure their Soapbox meets the regulations and is safe.
Note! It is usually brakes and bicycle/pram wheels and their axles which fail first and constructors are asked to pay particular attention to these items.
- **Brakes - ALL Soapboxes** must demonstrate a low speed "Emergency stop" as part of the scrutineering process.
- **Clothing** - Driver's clothing must cover all arms and legs up to wrists and ankles (motorcycle leathers or clothing preferred). Clothing should be abrasion-resistant.

- **Crash helmets** (full face recommended) must be worn and comply with UK road use regulations. (Helmets designed for other sports such as cycling, climbing, skate-boarding, canoeing, etc. will NOT BE PERMITTED). Crash helmets must be presented at scrutineering.
- **Modifications to be eligible to race** - The Scrutineers will specify any changes / modifications necessary to allow any Soapbox to run, prior to any hill runs (practice or race). Scrutineering will concentrate on the effectiveness of brakes, driver safety and general Soapbox construction in terms of being fit for purpose on what is regarded as an arduous hill run including speeds of circa 40mph and sharp bends. (Even if a driver is prepared to run, the organisers have to consider the safety of the spectators.)
- **Soapbox eligibility** -The decision of the Scrutineers is final.

Race regulations

- **Race format** – Racing will take the form of a knockout competition with 2 Soapboxes running at a time. Only Soapboxes of the same class will race against each other with “Byes” being allocated as required to facilitate a race running order.
 - **Race classes** – in the event of low entry numbers in any class, the organisers reserve the right to amalgamate classes as necessary to facilitate a race running order.
 - **Race Running Order** – Race pairs will be drawn out of a hat to provide a randomly generated running order. The only exception may be to accommodate double drivers in one Soapbox.
 - **Race results** - The official timekeeper's decision is final and binding.
 - **The Course** – Since the road resurfacing and water leak repairs conducted in 2014, the organisers do not envisage having to implement the chicane used in 2014. However, safety of drivers and spectators must take priority and the organisers reserve the right to modify the course as required to mitigate risks of any currently unforeseen hazards
- All drivers are advised to walk the course on the morning of the event before taking part in any runs (including practice) and their signature on their entry form implies acceptance to participate in the event on this basis.

END