1st MUNDESLEY (AIR) SCOUT'S - SOAP BOX DERBY 2017

REGULATIONS FOR CONSTRUCTION OF SOAP BOX CARS AND RACE RULES

The primary purpose of this event is aimed at promoting good family fun and therefore Scout ethics are expected to be followed. Please note that competitors are not specifically covered by the organiser's event insurance. Every effort has been made to make the competition safe, but it should be recognised that the competition is physically challenging for participants.

a) The soapbox must have four wheels to be conventionally arranged in two pairs, there is **no weight limit**. Welded bike style soap boxes will have their own category.

b) Maximum overall length of car not to exceed 2000mm.

c) Maximum overall width of car not to exceed 1500mm.

d) Maximum overall wheel diameter (measured over the inflated tyre) to be 560mm.

e) The crew / team to consist of two people (Driver and Pusher) and the **only** motive force shall be that generated by the pusher. Any system or motor added or included to the car to alter velocity if forbidden.

f) The pusher is to propel the soapbox from the start to the finish and must remain in contact/control of the soap box at all times and act as the brake to slow the soap box once it has crossed the finish. (The whole of the soapbox must cross the line before the time is stopped. Failure to remain in control of soap box until stationary will result in disqualification if deemed unsafe by the race committee).

g) All cars must have steering and it shall be such that the wheels can be moved from full left lock to full right lock in one uninterrupted movement and must be effective on front wheels by a safe system of rods or cables. All linkages must be secure and free of excessive play (no prams or castors allowed).

h) Brakes are optional and if they are included, they must be efficient, effective and balanced on at least two wheels with due allowance for wear during racing.

i) The car may be decorated or styled as desired and is actively encouraged, but it must not be excessive or prevent a clear and easy view for the driver. Excessive recline on the seat, which in the opinion of the Race Committee does not give easy view, will fail the car on safety grounds until rectified.

j) There shall be no protruding or sharp edges which could cause injury to any person, whether a spectator, other competitor, race marshal in the event of a collision. No glass or items liable to shatter are permitted on the cars.

k) The design of the car must allow the driver to get into and out of the car unaided.

l) Race numbers will be allocated by the race coordinators; once entry forms and payment has been received and it is the responsibility of the competitor to number their car accordingly with this allocated number. No late entries on the day.

m) All Drivers **must** wear a safety helmet. This can either be a motorcycle helmet or a cycle helmet and will be inspected by the Race Committee prior to any practice or racing. The Pusher **must** wear gloves. Clothing must be prepared for potential contact with tarmac, therefore long sleeves and full trousers are recommended. **No bare limbs**.

n) Each Soap Box Car will be inspected on the day by the Race Committee prior to any practice or race (1hour before the first race), which will allow any safety modifications to be made to the cars in the "Pits", as directed by the Race Committee. You will not be allowed to participate if you have not been inspected. Each team **must** sign the disclaimer prior to racing.

o) Races will consist of two teams racing alongside each other, but each Soap box will be individually timed and the **fastest four Soap boxes in each category will go through** to the respective category semi finals and the winner of each semi final will progress to the category final.

p) Any decisions made by the Race Committee will be final. This specification is for 1st Mundesley (Air) Scouts Soap Box Derby only. Should you wish to enter cars in other Soap Box Derby competitions, the specifications and rules may be different.