

Off Road Gravity
Go Cart Race 2013
Sun 8th Sept



Framlingham College
(Parking and entrance in New Road)

Classes

There will be 3 classes of entry:

- A. Primary School age £5 per cart
- B. Secondary School age up to 16 £10 per cart
- C. Adult £10 per cart

The cart can be entered in more than one category and can have up to 3 different drivers of the correct age. However it is the cart that scores the points, not the individual driver i.e. the same cart cannot be entered twice in the same category.

Winners

There will be a handmade trophy for the overall winner.
There will be prizes for the winners of the other 2 classes, plus a prize for the most imaginative cart.

Timetable

Class A: Scrutineering will take place from 11.30am to 12 noon
Classes B and C: Scrutineering will take place from 11.30am to 12.30pm
Racing will start at 12 noon with Class A

How to enter

1. Apply beforehand by sending the form and payment to:

Mrs Lovett
Bridge Cottage
Kettleburgh Road
Framlingham
WOODBRIDGE
IP13 9SD.

Applications to enter can be made on the day, but numbers are limited so early entry is encouraged.

2. Get a go cart; check it complies with the safety and technical regulations in this document.
3. Every team must accept the race rules and the safety and technical regulations shown below.
4. Each team should nominate a captain.
5. Sponsorship and advertising is encouraged.

For clarification, help or advice, please call
Spadge Hopkins on 07831 843 922



Race Rules

1. All team members will be required to register properly. All participants under 16 years must be registered by a responsible adult.
2. The Scrutineers will appraise the carts and check them for safety and reliability prior to being allowed on the course. Scrutineers may direct competitor to make modifications for safety or other reasons. Failure to comply will incur disqualification and the scrutineers' decisions are final.
3. However, participants must understand that the declaration that a cart is fit to race is no guarantee that it is safe to do so: Participants do so at their own risk.
4. Each cart will individually complete a straight-line brake test. If there are any doubts concerning a particular cart it will carry out a single run of the complete course.
5. Thereafter there will be two carts per race.
6. Any cart that crashes more than once may be liable for exclusion to future heats.
7. Any contravention of the rules may lead to disqualification or penalties.
8. No driver shall drive under the influence of alcohol.
9. The organisers reserve the right to refuse entry to any team without explanation: Their decision will be final.

Safety Regulations

10. Drivers must wear an approved Motor Cycle Crash Helmet or Cycle Helmet and leather gloves. Ideally they will also wear motorcycle leathers or similar protective clothing and padding. No bare limbs are allowed.
11. Seat belts are not compulsory. If they are fitted then the cart must have a four point fixing and also a substantial roll bar 1.5" (35mm) above the driver's helmet and a second roll bar extended at least 1" (25mm) above the driver's gloved hands when placed at 12 o'clock on the steering wheel.
12. All carts must have a reliable steering mechanism capable of negotiating bends in the racecourse.
13. All carts must be of robust construction, capable of competing on a grass track, and have no sharp edges, protuberances, or objects such as steering columns or brake levers liable to cause injury, especially puncture injuries.
14. The use of materials such as Perspex or glass that may shatter is banned.
15. Bodywork and controls must not impede the driver in exiting the vehicle unaided.
16. Any doors or latches required for driver access must be readily operated from inside and outside the vehicle without the use of tools!

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Technical Regulations

17. The cart shall carry only one driver at a time.
18. The driver must be seated with feet first.
19. Maximum Length 7' (2135mm), Maximum width 3' 8" (1120mm)
20. Minimum eye height 2' 6" (762mm) measured from driver's eye line when seated to road surface.
21. Maximum weight 40kg not including driver.
22. All carts must have four wheels with pneumatic tyres or solid pram type wheels.
23. All wheels should be in contact with the course at all times.
24. All spoked wheels should have a cover or be taped to prevent trapped fingers or limbs
25. Carts must have a good working braking system operating on at least the two front wheels or the two rear wheels.
26. There must be no means of propulsion other than gravity, i.e. no motors or pedals etc.
27. The name or identification of each cart should be prominently displayed upon it.
28. All carts must have a white square of 200mm prominently painted or fixed to the bodywork.
29. A number will be given and displayed on the cart once it has passed scrutineering.

Notes

30. The course is designed to test not only the straight line speed of the cart but also the handling and agility – bear this in mind as you prepare your cart.
31. The heaviest weight on the car is the driver and this will affect the centre of gravity on the high speed corner!!

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