

# GRAVITY VEHICLE - 2020

This is a basic overview of the event, track, and vehicle parameters. Defer to official rules for more information.



## IMPOUND

- Vehicle, spare parts, spare batteries, and practice log must be impounded prior to event starting.
- See tournament schedules for times.

## PRACTICE LOG

- Must be impounded.
- Must have 10+ entries
- Must record:
  - Target Distance
  - Vehicle Distance from Target
  - Run Time
  - One additional parameter (e.g. number of axle turns, alignment angle, etc.)

## FLOOR PROTECTION

- Typically an NCSO clarification, Ramps will require floor protection to protect the floors from damage. Typically this is handled through felt pads on the part of the ramp that contacts the floor. **THIS DOES COUNT AS PART OF THE HEIGHT OF THE RAMP!**

Run Number	Target Distance	Vehicle Distance	Run Time	(additional parameter)
1	10.5 m	75.6 cm	15.67 seconds	[data entry]
2	11.5 m	37.5 cm	14.54 seconds	[data entry]
...	...	...	...	...

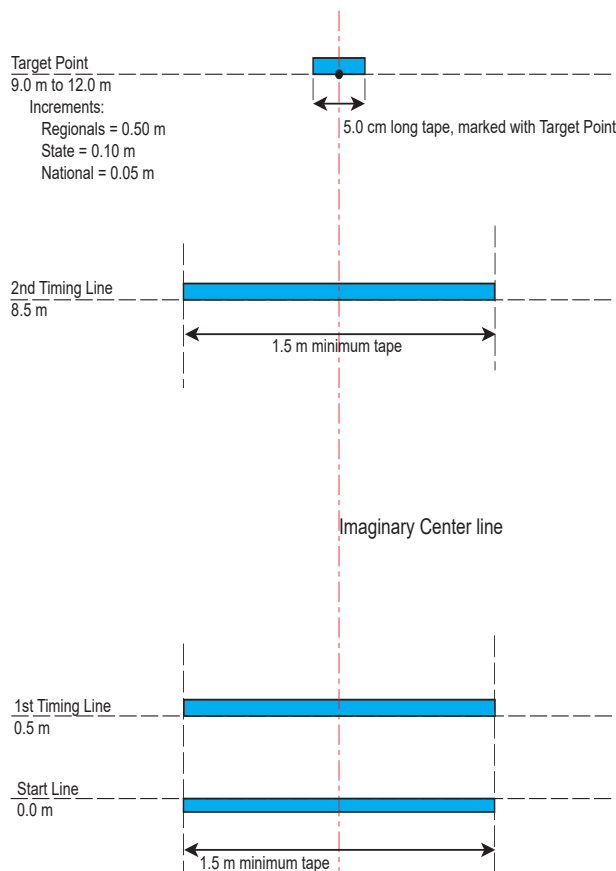
## EYE PROTECTION

- All participants must have and wear eye protection while competing. They will not be allowed to compete without.
- This is an NCSO rule across all building events.



## TRACK DIAGRAM

- Track must be a smooth, level, and hard surface
- Tape should be approximately 2.5cm wide tape
- Distances are measured from the edge of tape closest to the Start Point



## DOWEL DIAGRAM

