### Event Parameters

2.a. Impounded
- Not Impounded: [ ] Robot [ ] USB Flash Drive, if any [ ] Spare parts, if any
- Y N

2.b. Lithium/Lead
- Batteries contained lithium or lead
- Y N

2.c. Practices Log
- Missing: [ ] Target Time [ ] Run Time [ ] Robot Distance from Target [ ] Gates, if used
- Y N

2.d. Parameters
- 5th Parameter (path taken, robot speed, logic used, ...)
- Y N
- Less than 10 practice runs recorded
- Y N

4.b. Impounded
- Log not Impounded
- Y N

### Construction Parameters

3.b. Energy Source
- Some or all of the electrical supply not from 'AA' batteries
- More than 8 'AA' Batteries used for electrical energy
- Y N

3.e. Dowel Rod
- Not approx 1/4" round
- Not approx perpendicular
- Not leading part of vehicle
- Y N
- Part of robot extending > 0.5cm beyond the dowel
- > 1cm from floor
- < 10cm above floor
- Y N

3.f. Robot Size
- Robot in ready-to-run configuration extend outside of 30cm by 30cm box
- Y N

3.h. Design Questions
- Cannot Answer
- Built by others
- Y N

### Run Parameters

5.f. Successful Run (Maximum of 2)
- [ ] [ ] [ ] [ ]

5.f. Failed Run (Maximum of 3)
- [ ] [ ] [ ]

5.n.i. Run exceeded twice Target Time
- [ ] [ ] [ ]

5.n.ii. Robot exited the track area
- [ ] [ ] [ ]

5.n.iii. Time and/or Distance cannot be measured
- [ ] [ ] [ ]

5.i. Competitors run robot not on event track
- [ ] [ ] [ ]

5.m. Gate Bonus
- Gates crossed,dowel first. Record Letter
- [ ] [ ] [ ] [ ]

### Construction Parameters

3.g. Robot Parts
- All parts do not move as a whole
- Parts fell off
- Additional parts contacted ground after start
- Y N

5.b. Outside Help
- Competitors left or received outside assistance, materials, or communication
- Y N

5.e. AC Power
- AC outlet power used
- Y N

5.g. Start Point
- Measurement Point (Dowel) not over Start Point at start of run
- Y N

5.j. Cleaning
- Substances applied to vehicle without ES prior approval
- Y N

5.k. Pencil/Touched
- Pencil not used to start
- Y N

### The Competition

5.d. Impound Program
- Competitors did not use impound program (Tier IV)
- Other files/internet Used (Tier IV)
- Y N

### The Competition

5.d. Run Time
- Run Time starts when the Vehicle begins to move and ends when the Vehicle comes to a complete stop; recoils are considered part of the Run Time. If the Vehicle does not move within 3 seconds after coming to a stop, the run is considered to have ended; the 3 seconds are not included in the Run Time. Any action occurring after that time does not count as part of the run.
- Timer 1
- Timer 2
- Timer 3

7.a. Distance
- Distance (point to point) from the Measurement Point to the Target Point measured to the nearest 0.1 cm

7.e. Gate Bonus
- A Gate Bonus is awarded for each Gate crossed in any order. Each Gate may only be counted once.

7.g.i. Event Time
- Recorded Event Time
- Maximum of 12 minutes or time stops at end of team runs
- Y N

### THE INFORMATION HERE SHOULD NOT BE INTERPRETED AS AN EXTENSION OF THE RULES. THE OFFICIAL RULES IN THE CURRENT RULE MANUAL TAKE PRECEDENCE