



## MAINTENANCE MAYHAM 2025



### Race Car Competition

1. The cars will race down a Pinewood Derby style racetrack with two lanes.
2. Automatic timers are installed on the track to ensure accurate timing.
3. The sidewalls extend 1/2" above each lane.

### Race Car Check-In Requirements

1. Each contestant must build a race car individually. The three fastest Upperstate Association cars will move on to the championship.
2. Competitors are all allowed to conduct 3 trial runs on the track prior to the official competition to adjust their alignment.
3. Once car testing is complete the check-in process begins.
4. All cars are to be measured and weighed and must conform to the following specifications:
  - Length – maximum 16"
  - Width – maximum 6"
  - Height – maximum 6"
  - Weight – maximum 24 ounces
  - Race cars can only be gravity powered
  - Race cars must use at least **three** maintenance supply materials (wood does not count)
  - Approved Upperstate competition wheels must be used.
5. Race cars that pass the check-in process are placed in quarantine.
6. Make sure the race car is not tampered with after the check-in is complete.
7. Race cars that do not meet the size, power or material specifications will be disqualified. USAA Championship Qualifying participants will receive a total time of 20 seconds for the race car event if their car does not qualify.

### Race Car Competition Completion Requirements

1. Competitors race cars twice, once in each lane.
2. The car crosses the finish line under its own power; otherwise, it receives a total time of 10 seconds for that run.
3. Total event time is the total time of the two runs.