

Pack 82 Cubmobile Specs and Race Procedure

CUBMOBILE SPECS

1. Car frame shall be made from wood or metal
2. Overall car length shall be a maximum of 5.0 feet
3. Car shall have a seat with braced backrest.
4. Car shall be equipped with a lap safety belt fastened to the main frame of the car.
5. Car shall be equipped with a hand brake with rubber brake pad that contacts the road surface.
6. Drivers shall wear helmet, shirt, long pants, and close-toed shoes.
7. Overall car width shall be a maximum of 3.0 feet.
8. Wheels must be no larger than 11" diameter and have a solid rubber tire.
9. Cars must be assembled using threaded fasteners (screws, bolts, etc.) No nails are to be used.
10. Cars shall be propelled by gravity only.
11. All parts of the car (including decorative trim) must be firmly secured to the car body

RACE PROCEDURE

1. Track length shall be up to 120 feet
 2. A starting ramp shall be used to begin each race
 3. Two cars shall race at a time.
 4. Each car shall be timed.
 5. Each Scout shall drive their den's or group's car at least once.
 6. Cars shall alternate sides of the track from one run to the next.
 7. The cars times will be averaged to determine placement.
 8. The two cars with the fastest average times shall race in a final runoff.
 - a) Den or group shall choose the driver by vote/drawing/etc.
 - b) Race shall be best 2/3, alternating lanes.
 - c) The car with the fastest time from the timed race shall choose its initial lane.
 9. Cars shall be inspected for safety and rules compliance prior to the race.
 10. A Race Committee shall be responsible for conducting the race, safety inspections, and rules interpretation.
 11. The Race Committee shall consist of three persons determined by the Pack Committee.
 12. In the event of a 2-car crash, the race shall be re-run
 13. In the event of a 1-car crash, that car's time shall be forfeited.
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