

CUBMOBILE DERBY 2022

HOME DEPOT

**1035 Memorial Parkway, NW
Huntsville, AL 35801**

October 1, 2022, Registration – 8:00 AM

Race Start Time @ 9:30 AM

PERMISSION FORM FOR URBAN EMPHASIS SCOUT LEADERS COUNCIL CUBMOBILE DERBY October 1, 2022

Name _____ Pack # _____

Age _____ Rank: (Circle one) Lion Tiger Cub Wolf Bear Webelos

Address: _____

Phone _____ Emergency Phone _____

WAIVER AND RELEASE OF LIABILITY

I, as parent, and/or guardian of the minor for and in consideration of acceptance of this event, do hereby release, waive and forever discharge the Urban Emphasis Scout Leaders Council, Boy Scouts of America, Home Depot and any and all other supporting groups of this event together with all their officers, agents, officials and employees from any and all liability, claims, actions or causes of action whatsoever arising out of, or related to any injury, illness, loss, or damage, including death, related to participation in the aforementioned said event.

Parent or Guardian Signature

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1. Registration is \$5 per Scout. **No refunds.**
2. There are 5 divisions of racers based on the Cub Scouts' rank.
3. **No rain date currently schedule. Plan to race rain or shine. Acceptation will be thunderstorms.**

Make checks payable to: **BSA UESLC. No Refunds**

Rank Classes:

Lions

Tigers

Wolf

Bear

Webelos

Have Fun!

POCs: John Cable john.m.cable@comcast.net
Johann Moore johannmoore@outlook.com

Cubmobile Derby 2022

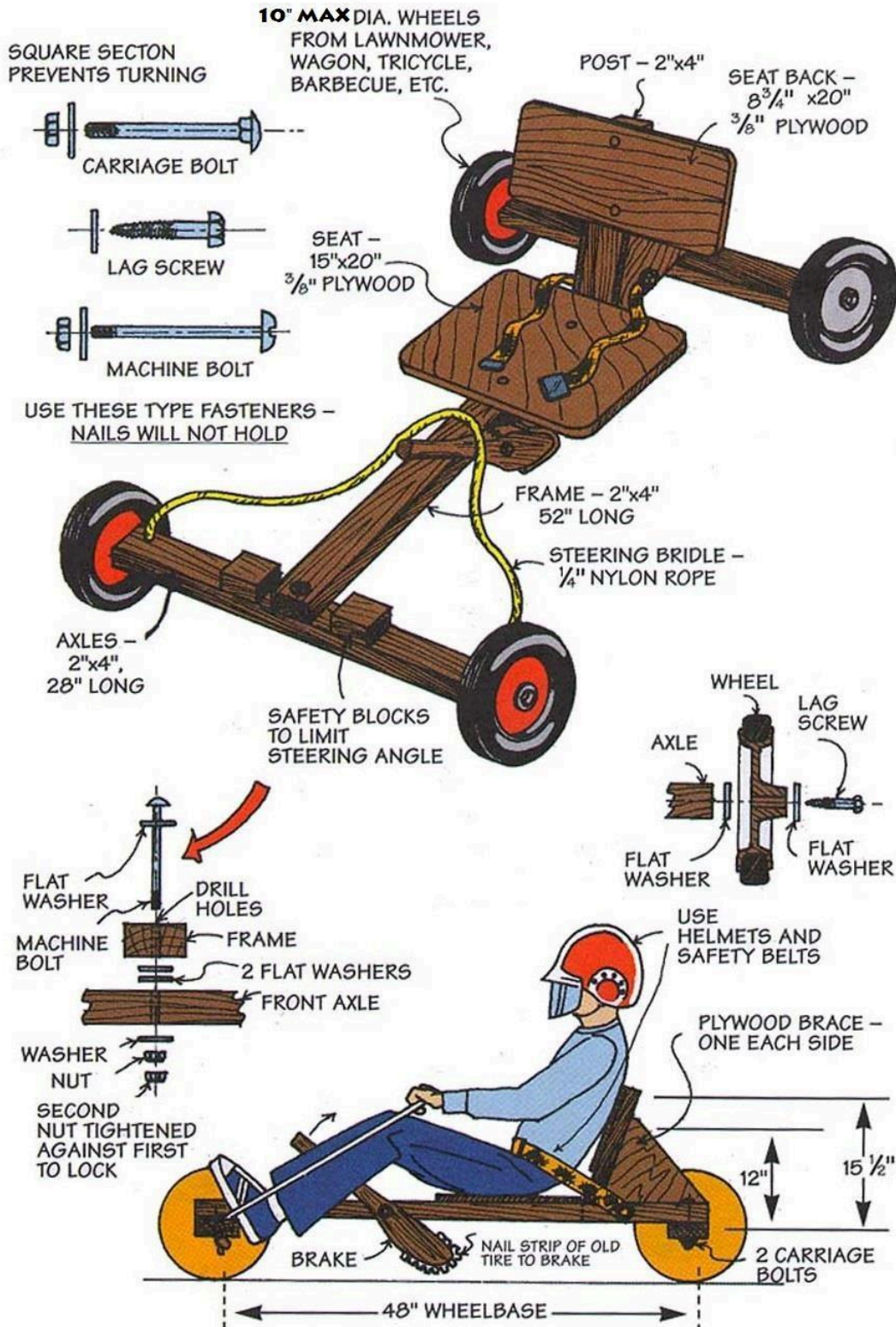
CUBMOBILE DERBY RULES & GUIDELINES

1. **Wheels must not exceed 10 inches in diameter. NO WHEELCHAIR WHEELS. Spoked wheels are not allowed. This will be enforced for safety! We highly recommend wheels with bearings be used. Plastic mower wheels without bearings will many times not even get the Cubmobile all the way down the track.**
2. All wheels may only be equipped with solid rubber tires.
3. Car frame is made from 2-by-4 or 2-by-6 construction lumber.
4. The overall length of the car is a maximum of 5 feet, the wheelbase a maximum of 4 feet.
5. Use roundhead ¼-inch bolts to hold frame. Screws are a second choice. Nails are not suitable because they may work loose.
6. Cars must be equipped with an **adequate safety belt (automobile seat belt is highly recommended. No waist belts, plastic clips, or rope allowed)** securely fastened to the main frame of the car.
7. All cars must have a seat with braced backrest, so the Scout can comfortably steer with their feet. At Car inspection scouts need to attend for proper fit for steering and safety belt check.
8. Steering is done with the feet, which is placed on the front axle, and by the hands holding a rope fastened to the front axle. The rope should not be too long. Rope should rest on middle of scout's upper leg otherwise rope is too long!
9. If threaded axles are used, the nuts must be secured with cotter pins or wire.
10. Cars must be equipped with a handbrake with its rubbing surface faced with a rubber material such as a strip of an old tire. This will stop the car when dragged on the ground.
11. **During the race, the 2-by-4-inch blocks fastened no more than a 1/16th inch from the centerboard will limit the turning radius. (Very important to test this before the race!) At car check in this will be tested before car can be entered!**
12. All participants **must wear a helmet and shoes that cover the whole foot. Gloves and kneepads are recommended as well.**
13. Each Scout will be allowed 2 competitive runs. Winners are based on fastest run of each Scout.
14. If a Cubmobile stops for any reason before the finish line, it is considered an incomplete race and the participant is not given a timed score.
15. A Cubmobile may not be pushed by any means during a race. When the driver touches the ground for any reason, their run is ended at that point and is not given a timed score.
16. Cubmobiles that are damaged during the race may be repaired in the "pit"; however, major modifications will not be allowed after registration and will need to be re inspected by an event judge.

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17. The ruling of the judges is final on all matters concerning the event.

CUBMOBILE. Use a helmet and safety belt.



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