

CHARIOT RACE RULES

All chariots and team members **MUST** meet the following specifications and requirements to be allowed to race in the Francis Allison Memorial Chariot Race. It is recommended that all chariots used at the Pack competitions also comply with these rules.

All registered Cub Scouts in the Lewis and Clark District are eligible to race. Each Pack may register as many chariots as they wish, so that all scouts may compete.

Racing Classes:

Tigers	(First Graders)	4 Racers needed
Bobcat/Wolves	(Second Graders)	5 Racers needed
Bear	(Third Graders)	5 Racers needed
Webelos	(Fourth/Fifth Graders)	5 Racers needed

RACE RULES

Each Pack will have at least one adult per five boys registered, to supervise those in the audience not racing. They will be responsible for those boys for the entire event. Please keep the boys in the designated seating areas and out of designated off-limit areas. Please keep the boys out of the hallways and in the gym as much as possible.

Each Chariot rider **MUST** wear a protective helmet. This helmet can be a football, motorcycle, bike, skateboard, or other style designed to protect the head. All “horses” **MUST** wear knee pads, and are encouraged to wear elbow pads. The elbow pads are not required yet – but may be in the near future. Helmets and pads will be checked during the inspection of the chariot, and will be spot checked at the starting line. Each Pack must have at least one complete set of this safety equipment. No team will be allowed to race without this safety equipment.

All racers must wear shoes with white or non-scuffing soles.

NO GUM RUBBER SOLES AND NO BOOTS!

For Safety reasons, if a horse drops his pulling rope, he must NOT PICK IT UP! He must run along with the team across the finish line. The timing stops when the last part of the team crosses the finish line. Any attempt to retrieve the rope will result in a ½ second penalty added to the team's time.

The Chariot rider **MUST BE INSIDE** the chariot when it crosses the finish line. All “horses” must cross the finish line inside the cones. Time is not stopped until all team members cross the finish line.

Each pylon moved results in a 1 second penalty

Each pylon cut short by the chariot will result in a 1 second penalty

If a foul is declared by a judge, the fouled chariot team will be awarded a re-run at the end of the heats. (a foul would be called if a chariot team is interfered with during their run)

If a chariot comes apart during the race, it will be awarded a re-run after repairs are made, provided that they can be completed before the last heat.

You may change two “horses” between heats. This allows the alternates a chance to participate. Any other changes will be allowed only as a result of an injury.

If you must have a boy race outside their rank, he must be a horse if he moves up in rank class, and he must ride if he moves down in class. Example: Bear rank scout races with Webelos – he must be a horse. Example 2: Bear rank scout races with Wolves – he must be the rider. Please do not cross more than one rank class (no Wolves with the Webelos, etc.)

Violations of the construction rules will result in the chariot not racing.

All teams will race twice, and their times averaged. Remember that the teams are racing the clock, not the team in the other lane. All rank levels will race separately. Tigers vs. Tigers, Bears vs. Bears, etc.

The chariot inspection area is off limits to everyone except the inspectors and one adult per team, checking in the chariot and the safety equipment. A 1 second penalty will be given to violating teams.

The scorekeeper's area and the judging area is off limits to everyone except race officials. NO EXCEPTIONS! First infraction of this rule will result in a 5 second penalty to the team. A second infraction of this rule will result in the immediate disqualification of the team. All time results will be made available following the award ceremony at the end of the event. They will also be available at the next roundtable meeting following the race.

ALL JUDGES DECISIONS ARE FINAL

**THE CHARIOT RACE STAFF ASKS THAT ONE ADULT FROM EACH
PACK STAY AFTER THE RACE TO ENSURE THE GYM IS LEFT
BETTER THAN WE FIND IT.**

CHARIOT CONSTRUCTION RULES

1. See attached drawing.
2. Any chariot not meeting the following requirements will not be allowed to race.
3. The cardboard box must be a minimum of 18" wide and a maximum of 24" wide. It must be a minimum of 30" long and a maximum of 36" long. Height will be a minimum of 14" high and a maximum of 20"
4. The 1"x4" boards will be placed one on the outside and one on the inside of the box, 3/4" from the bottom of the box and 1" from the sides. The boards will be held with three bolts which must be countersunk in front to prevent injury. Bolts on the inside must be cut flush with the board. The inside should be covered with carpet, or other protective padding. Please cover all sharp edges inside the chariot to prevent injury.
5. A cover made from terry cloth material, such as a towel, will be installed to cover the front board and the entire bottom of the chariot. Nothing may be applied to the cloth, or chariot to enhance the sliding abilities of the chariot.
6. Tiger Chariots: The two outside ropes will be a minimum of 3' and a maximum of 4' long measured from the front of the chariot. The center rope will be a minimum of 5' and a maximum of 6' long measured from the front of the chariot. Ropes inside the chariot must not exceed 6" in length from the inside board. Knots will be tied in the ropes on both sides of the 1"x4" boards (see drawing – x's indicate knots). 1/4" rope is suggested
7. All other Chariots: The two outside ropes will be a minimum of 3' and a maximum of 4' long measured from the front of the chariot. The center ropes will be a minimum of 6' and a maximum of 7' long measured from the front of the chariot. Ropes inside the chariot must not exceed 6" in length from the inside board. Knots will be tied in the ropes on both sides of the 1"x4" boards (see drawing – x's indicate knots) 1/4" rope is suggested.
8. Chariots should be painted with a water-based paint. Chariots with wet paint will not be allowed to race. Don't paint the bottom of the chariot. All chariots must have the Pack number visible on the chariot. A 4" high number is suggested for visibility.
9. Handles at the end of the ropes for the horses and the rider will be a 4" long wooden dowel, 1" in diameter, with a hole drilled in the middle for the rope to pass through. A knot on each side of the dowel will hold the handle in place. NO ROPE LOOPS, PVC PIPES, OR METAL RINGS WILL BE ALLOWED.

IF YOU HAVE ANY QUESTIONS ON CHARIOT CONSTRUCTION

PLEASE CALL:

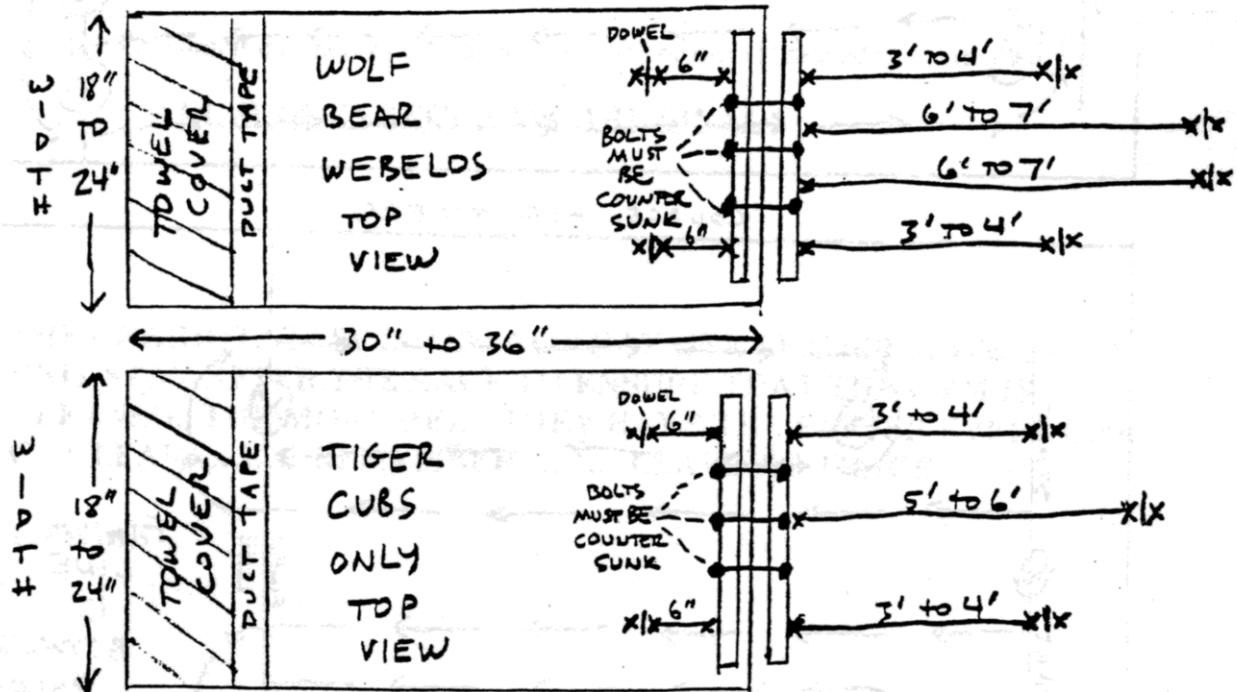
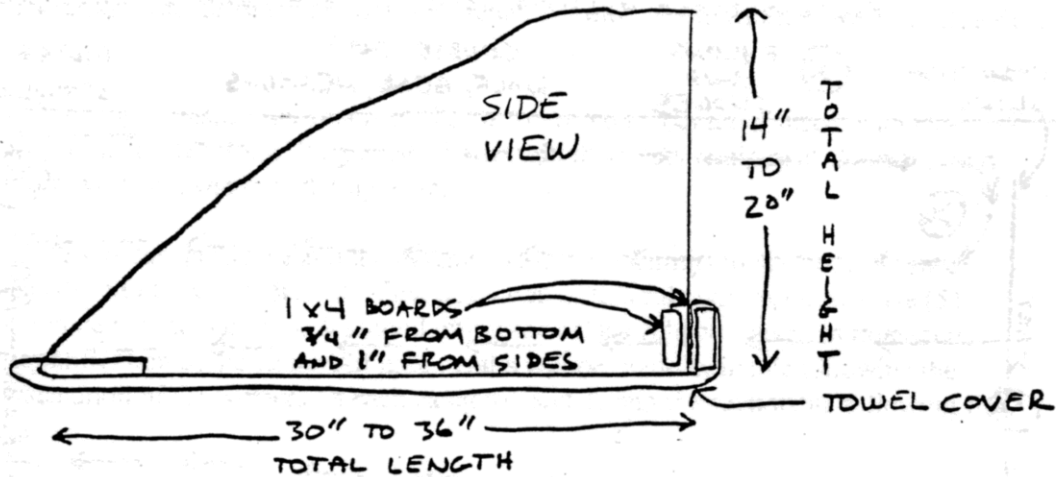
Thelma Allison 771-8117

or

Jay Tuss 868-6976

DIAGRAMS FOR A CHARIOT

Overall height must be between 14" and 20". The terry cloth will cover the front board, the entire bottom and secured on the inside at the back. The 1X4 boards will be 3/4" from the bottom and 1" from the sides.



All bolts must be countersunk and flush on the inside. Width should be between 18" and 24". A movers dishpack box works very well. Duct tape works for reenforcing seams and securing terry cloth. Small x's = knot placement. Overall length is between 30" and 36". Ropes are best at 1/4" diameter.

Race track layout will be similar to the diagram below. The Tigers will run a shorter course this year. Two teams from the same scout level will race at the same time. Each team will race twice. Remember that the race is against the clock not the other team. Fastest times will be used to determine overall winners.

