



TIPS FOR SUCCESS - STUDENT ENGINEERS

1. Remember to have a shipping container for the robot body. This is important for two reasons: It will protect the robot legs from getting bent on the way to the Venue. If they get bent it will increase the vibration, it will slow the robot down, and it may fracture the white plastic L-shaped part. The second reason is that it could give you 2 extra points during the Oral Presentation. At the very least use a 12 bottle wine carton, and lay the robot on the top of the dividers, so that the legs are in the gaps and free from stress. Or you can make up a box from styrofoam or anything else.
2. You are required to have a flag with your team number, and if you wish, your team logo. The manual, on page 16b. states: You will need to make and take with you to the competition, a 1/4 to 1 inch diameter floor-mounted flagpole 56 inches high, with a square or triangular stiff flag 6 inch high by 8 to 10 inches wide. The flag should have your team number clearly visible both sides, and may also include a team logo.
3. Please practice, and remember that while luck plays a part in the competition, attention to details is what will give you the edge.
4. Especially for 2-leg robots, good traction is what will lead to steady progress on the track. Put a glob of rubber cement at the bottom of the rubber pad, let it dry for an hour, and you'll find it provides better traction. You might want to add a little more the morning of the competition.
5. Batteries - Batteries - Batteries - Make certain you bring extras.

IMPORTANT - The NJ Coast IEEE Section appreciates the help of our mentors, the Baltimore IEEE Section, who have allowed us to direct you to their FAQ page where you might find the answer to your question about fabrication.

<http://www.ewh.ieee.org/r2/baltimore/robot/faq.html>