

Team Ford First



Team Ford FIRST Tasks for Mid-Winter Event

Team Ford First Chairman's Award

Each team should begin working on their Chairman's award early. To help kick start the process each team should present their first draft of this year's award at the Mid-Winter Event. We expect the format of this year's Chairman's Award will be close to the same as the last couple of years format. Information can be found at:

http://www.usfirst.org/uploadedFiles/Community/FRC/FRC_Documents_and_Updates/2008_Assets/Manual/5%20-Awards%20RevC.pdf

Each team will submit the written Chairman's award documentation to an e-mail address that will be provided at the November board meeting.

Please read the 2008 manual to know what type written documentation is expected.

Each team will present their Chairman's award to a panel of judges. You will be given your presentation time upon arrival at the event.

Please read the 2008 manual to know what is expected in the interview process.

Team Ford Robust Robot Award

Each team should bring a robot with a complete drive system. It can be a new robot or a machine from a previous season (**CHECK SIZE REQUIREMENTS**). For safety purposes it must use FIRST approved motors, be wired to FIRST standards and use an IFI control system (**NEW CONTROL SYSTEM ALLOWED IF AVAILABLE**). A robot drag strip will be set up on the gym floor. The drag strip will be carpet 8' wide by 27' long with a RAMP at the 12' mark. Each team will compete in 3 heats, 2 driver controlled and 1 autonomous.

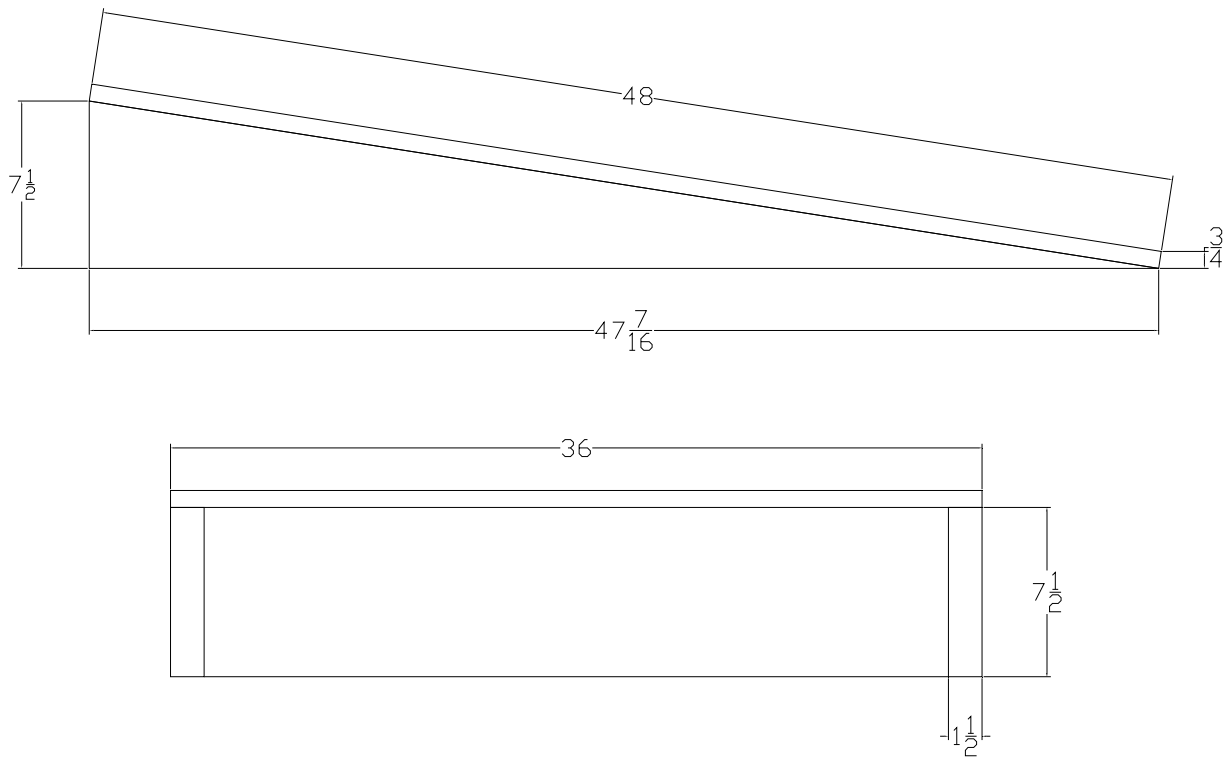
Heat 1 – Hit the ramp lets see how far you can go airborne (points awarded greatest to least distance).

Heat 2 – Hit the ramp autonomously lets see how far you can go airborne (points awarded greatest to least distance).

Heat 3 – Hit the ramp lets see how far you can go airborne (points awarded greatest to least distance).

Competition Notes:

Each team may have a maximum of 10 minutes between matches to work on their machines. Only students may work on the machines at the event. Only hand tools and battery-powered tools may be used. There **will not** be any power available in your pit area. Bring charged batteries and tools. The ramp will be a $\frac{3}{4}$ piece of plywood 36" x 48" attached to a wedge made from a 2X8. If your robot leaves the drag strip, it will be disabled. There will be a practice time before the heats begin. The amount of time is yet to be determined **The maximum dimensions for the robot are 18" wide x 30" long.**



Team Ford First Imagery Award

The award criteria will be based on the

Imagery Award presented by FIRST

“This award celebrates attractiveness in engineering and outstanding visual aesthetic integration from the machine to team appearance.”

Your peers will judge this award; each team will provide a team member to act as a FIRST judge. The student judges will work with a Judge Advisor who will be an adult mentor.