

STATEMENT OF PROBLEM



Monster Design

**Monster Design – Building the Extreme Since 1992
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The goal that we are trying to accomplish: we need to get a hacky sack to land on a target, after it is being put into a robot that travels down a zip line, that goes over the target. In order to accomplish this, I believe the best thing to do is create a bucket that has a trap door on the bottom of it that the hacky sack will sit on, and fall out of. Then hook up a rope to the latch that opens the trap door, and when the bucket is over the target, have the rope pull the latch open and release the hacky sack onto the target. It is a very straightforward approach, and I believe that is a good thing. The simpler the robot, the easier it will be to design, manufacture, and operated