

Date: 1/26/17

Wednesday Challenge Form

Group Members: Alvin, Connor, Erin, Keilah

Problem Statement: Design a handout for this year's FEC competition. The handout must be cool, have to do with the challenge, cheap ($> \$0.50/\text{unit}$), and easy to mass produce.

Approach: Our idea focused on an aerial screw, which was the main part of the airship. From there we came up with the idea of putting an aerial screw on the end of a pen, dowel, or something of the sort, and turn it into something akin to a hand-powered helicopter toy.

Solution: Our design won the judges' popular vote, but since our group was made up of only veterans, Maddy's group was chosen as another winner.

Lessons Learned: Aerial screws are cool?