

Commander Mon Mothma,

With reference to your letter concerning my team's progress on the proton torpedo design for Project Alderaan 7: I believe we have found the ultimate design. Through extensive research and trials my team and I have concluded that best design for long distance travel is torpedo 1a. All information regarding our findings will be presented below.

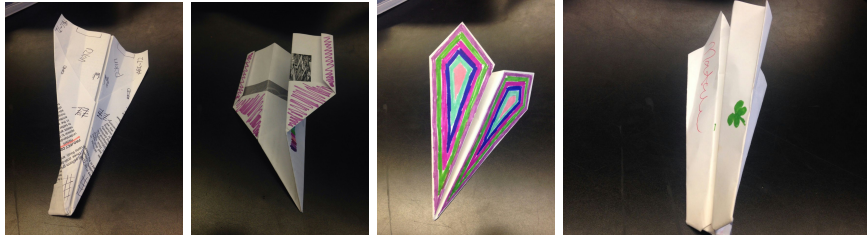


Figure 1: Torpedo Designs, 1a (Ryan), 2b (Jasmine), 3c (Cece), and 4d (Natalie) in order from left to right

We experimented with four different torpedo designs. The indicated are displayed in Figure A: Torpedo Designs. The airplanes were selected for their exceptionally aerodynamic stature and potential to travel long distances. For this experiment, our aim was to see how far we could get the model torpedoes to go. Each one was launched at least ten times and measured with markers on the ground. Pieces of tape were laid out exactly five feet from each other and we used these to measure how many feet out prototypes covered.

Results:

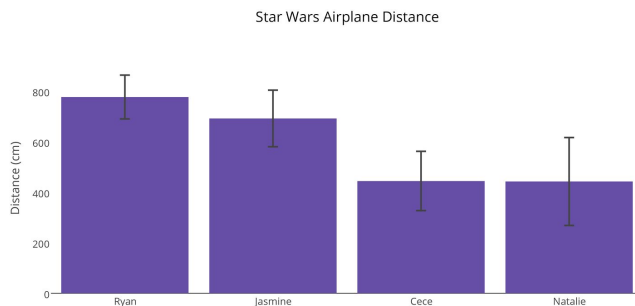


Figure 2: Torpedo Landing

The outcome of these launches can be viewed in Figure 2: Torpedo Landing. The total distance from launch was determined by solving for the standard deviation and average. According to our calculations, designs 1a and 2b cover the most distance and are both statistically accurate, however design 1a has shown to be the most accurate when involving a target.

It is because of this conclusion that my team and I recommend the use of design 1a as the proton torpedo for Project Alderaan. I believe this would be the best course of action.

Natalie Novella, Rebel Scientist 1st Class