

MIT OpenCourseWare
<http://ocw.mit.edu>

2.00AJ / 16.00AJ Exploring Sea, Space, & Earth: Fundamentals of Engineering Design
Spring 2009

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.

Presentation Title

Team Name

Team Members

Date of Presentation

Talk Outline

- Usually you should include a slide outlining your talk -- for this talk we only have time for 3-4 slides, so we'll skip, but here's an example:
 - Design Overview
 - Design Process
 - Analysis (Motors, Instruments)/Estimated Performance
 - Construction Plan
 - Anticipated Challenges

Design Overview

- Image of your final design
- Label parts and dimensions!
- Highlight unique design features
- Can highlight other designs considered if it helps sell your final vehicle.
- (Make sure the slide is detailed enough to be informative but not too detailed that it's hard to process!)

Analysis

- Free body diagram?
- Motor placement
- Method for ascending/descending

Construction Plan

- Materials you need?
- Machining necessary?
- Parts to buy?
- Overall cost/budget for extra materials?

Anticipated Challenges/Strengths?

- Anticipated Challenges?
 - Construction & Design issues?
 - Are there things you need help with?
 - Operational issues?
- Anticipated Strengths?
 - What are the benefits of your design?