

Instructions

- Work on in groups of up to four people (I think three to a group is optimal, but you can have a group of four if you like).
- Each groups turns in one solution, all members of the group will receive the same grade. Ensure all group members names are on the solution.
- Use complete sentences and correct grammar to explain your solution. Make your solution complete and easy for a reader to follow.
- Use *Mathematica* as much as you like, to take derivatives, solve equations, plot sketches, anything you like. You can also do as much as you like by hand, since sometimes it is easier to just take a derivative by hand (for example) than getting *Mathematica* to do it for you. You can print your *Mathematica* notebook and include it in your solution, but make sure there is some explanation of what it shows if you do this.

Applied Project #1: Where Should a Pilot Start Descent?

6th Edition of text: Page 206.

5th Edition of text: Page 243.

Due Date: Mon, Apr 12.

Applied Project #2: The Shape of a Can

6th Edition of text: Page 333.

5th Edition of text: Page 341.

Due Date: Fri, May 7.