Coming soon!

What is more fun than putting together a model rocket and shooting it off? Figuring out how high and fast it will go with different engines, various payloads, and various stages. In this forthcoming "Getting started with Rocket Trajectory Calculations" pamphlet we'll learn how to apply Newton's equation F=ma in ever more precise ways to figure it all out.

Until then, you can:

- look at the photos of the Red Devil
- play around with the trajectory spreadsheet for the Red Devil:
- as a Gnumeric spreadsheet
- as an Excel spreadsheet (untested)

- look at PerfectFlite A15K/WD altimeter flight data for:
- a 2-stage flight using a D12-0 engine for stage 1 and a C6-3 for stage 2
- a 2-stage flight using a D12-0 engine for stage 1 and a C6-5 for stage 2

- investigate engine thrust profiles at: http://www.redarrowhobbies.com/estes_model_rocket_engines.htm
- investigate flight trajectory calculations in these links:
- http://www.apogeerockets.com/education/downloads/numeric_methods.pdf
- http://www.esteseducator.com/Pdf_files/Part_1.pdf
- http://www.engineeringtoolbox.com/air-altitude-density-volume-d_195.html