Drag and streamlinining

For Wednesday May 14, 2003.

Please read the following:

- Chapter 5 of *Life in moving fluids* by Steven Vogel (on reserve at S&H library).
- Sections 7.3 and 9.3 of *A brief introduction to Fluid Mechanics* by Young, Munson and Okiishi. Call numbersTA357 .Y68 2000. Denise and Eun should have copies.
- The chapter "The flight of the baseball" in Adair's book (on reserve at S&H library).
- The article on swimming at http://www.sportsci.org/news/biomech/-skeptic.html. Thanks to Denise for this reference.

I'm going to pick on Denise and Eun who've seen some of this material and ask them to give us a joint ten-minute mini-lecture on drag and streamlining. **The rest of you please be supportive and do your part by reading the assigned material.**

Please make sure you read about Reynolds number, dynamical similarity, and streamlining. If you don't understand something, prepare a question.

Finally: try and come up with an example of drag in a sport that interests you.