Homework 6
DUE AT START OF CLASS ON TUE NOV 17

1. Give three examples of different sports where reducing fluid drag is an important technique. For each example, draw a sketch illustrating the technique and label the drag force on your sketch. Is each type of drag primarily surface drag or body drag?

2. Give three examples of different sports where increasing fluid drag is an important technique. For each example, draw a sketch illustrating the technique and label the drag force on your sketch. Is each type of drag primarily surface drag or body drag?

3. Give three examples of different sports where the athlete deliberately uses the Magnus effect to gain an advantage. Rank your three sports in order of how important the Magnus effect is in the normal course of the sport.