

MAE578 Homework #6

Rotating frame; Coriolis & Centrifugal Forces

1. Solve Prob. 3(a) of Chapter 6. (You do not have to solve Part (b) of that problem.) (2 points)

2. Solve Prob. 4 of Chapter 6. (2 points)

3. Solve Prob. 5 of Chapter 6. You do not have to answer the last question: "What analogies can you draw...?" (2 points)
(If you don't know what a Concorde is, look it up. The detail of the airplane is however not important for this problem.)