

Motion and Force

Group Project: Airplanes

In groups of three answer the following questions. Your answers should be in sentence form (proper english) and use as many physics concepts as possible to support your answer (no math!)

#1) Should an airplane takeoff with or against the wind? What about landing?

#2) Which direct flight is most likely to consume more fuel: Toronto to Vancouver or Vancouver to Toronto (assume the plane and its load stay the same).

#3) Why does the plane in this video crash?



Paper Due Friday Oct. 29, 2010

- You will be presenting your solutions to the class the following week.
- Peer and self evaluation are part of your grade.