Assignment 7

The Due date for submitting this assignment has passed.

Please note: If you have not submitted this assignment, you will not be able to make any changes.

1. A plane moving at a constant height must travel in a direction of 45° to the water. The runway consumes 0.04% power. What will be the approximate value of the greatest value in the line traveling the runway?

2. A reasonable average of the maximum force and velocity by riders for the problem are:

- Force: 0.0005 N/m
- Velocity: 0.1 m/s
- Power: 0.02 W
- Energy: 0.01 J

3. A river flows in a direction of 45° to the water. The boat can travel at the speed of 15 m/s. The boat must travel through water that has a current of 10 m/s.

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