

ENGR 1110
Test #1
Fall 2009

Problems

- a. Buoyancy force calculation (Homework #2)
- b. Standard Atmosphere (pressure and density ratios)
- c. Drag force calculations (Homework #5)

Questions (multiple choice and short answer)

Readings from the textbook.

- a. Buoyancy - Pages 1-3
- b. Airplane components and control – Pages 4-8
- c. Air pressures and Pitot tubes – Pages 12-15
- d. Standard Atmosphere – Pages 22-24
- e. Physical description of Lift – pages 28-37