AME 538

Homework 29

Due: Monday, 25 November 2002, in class

1. Consider a cylinder of radius c that is moving at velocity $U = a+bt$ through a fluid of density ρ which is at rest in the far field and at pressure P_∞ in the far field. Find the pressure at the leading edge stagnation point.

2. Panton 18.20, p. 544.