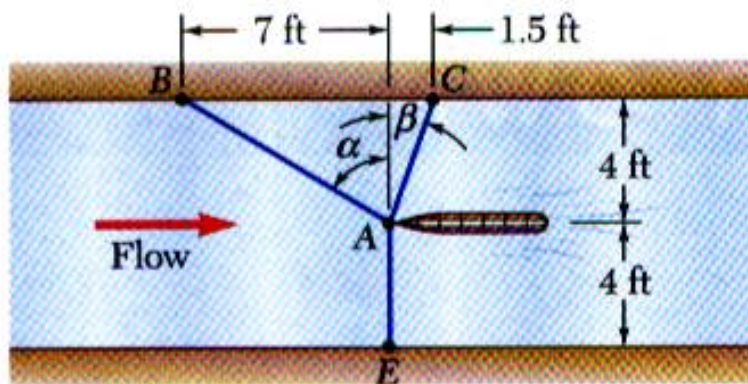


The drag of a prototype sailboat hull is being tested. Three cables are used to align its bow on the channel centerline. For a given speed, the tension in cables AB and AE are 40 lb and 60 lb, respectively.

Determine the drag force and the tension in cable AC



The 25 kg flowerpot is supported at A by three cords. Determine the tension in each of the cords for equilibrium.

