

Fluids Lab 1 (SPL1) – Turn-In Sheet Name: _____

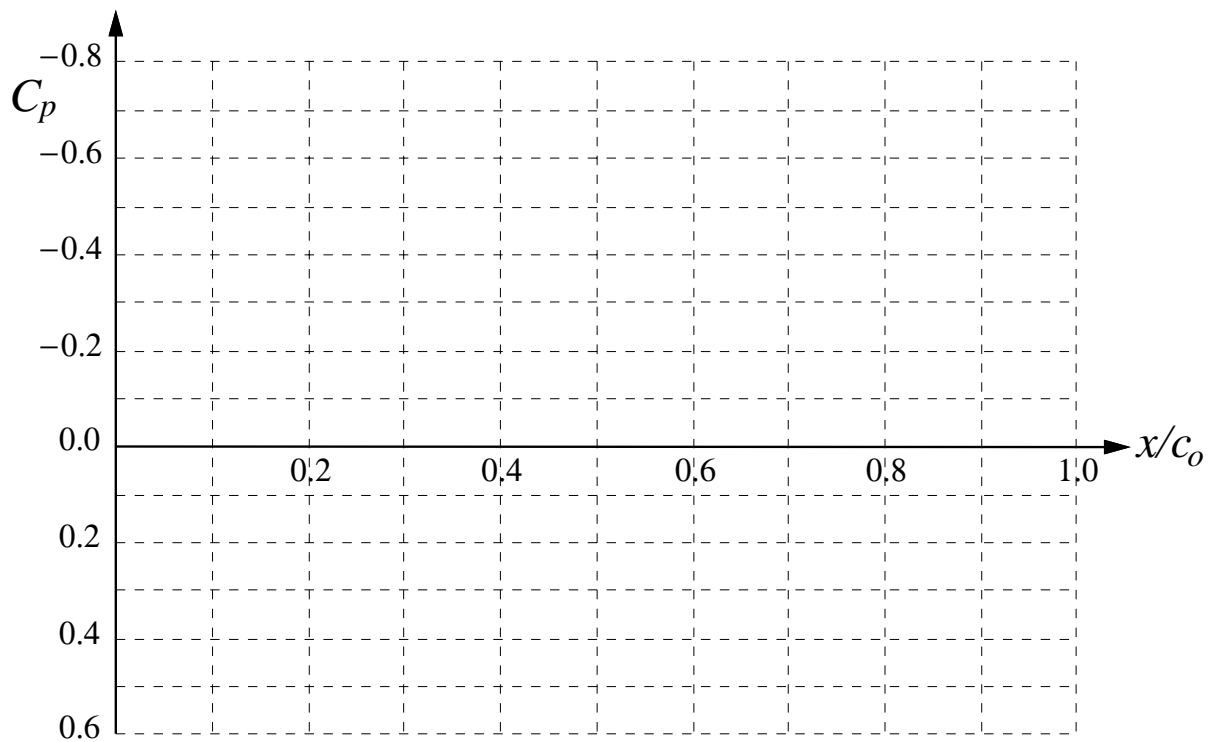
1) Centerline pressures

$\alpha = 0^\circ$ $q_\infty =$ _____

x	x/c_o	$\Delta p(x)$	C_p
2.5			
5			
10			
20			
30			

$\alpha = 10^\circ$ $q_\infty =$ _____

x	x/c_o	$\Delta p(x)$	C_p
2.5			
5			
10			
20			
30			



Work:

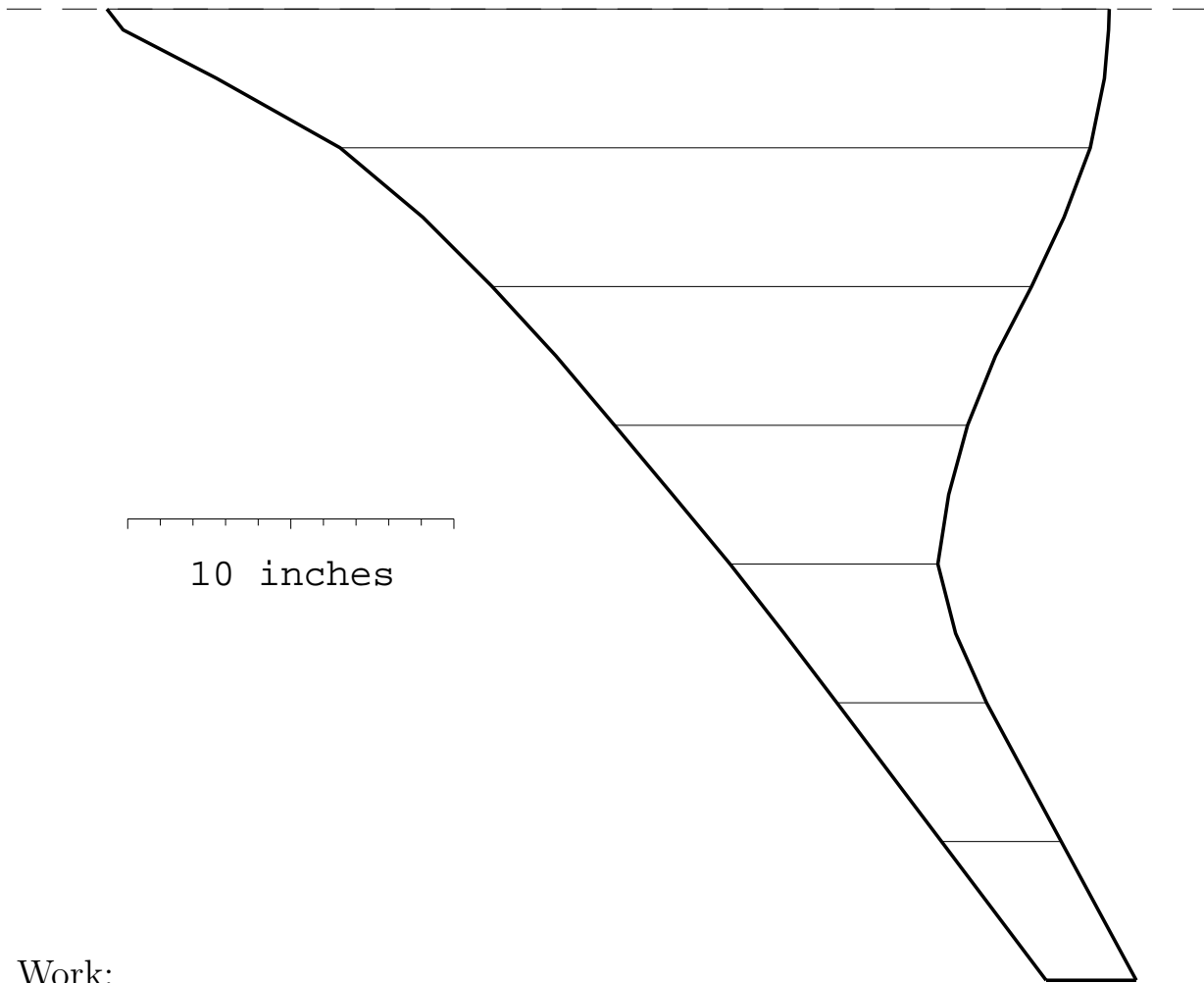
2) Maximum, minimum pressures

Operating parameters: $\alpha = 10^\circ$, $q_\infty = \underline{\hspace{2cm}}$

a) Maximum $\Delta p = \underline{\hspace{2cm}}$, $V/V_\infty = \underline{\hspace{2cm}}$

b) Minimum $\Delta p = \underline{\hspace{2cm}}$, $V/V_\infty = \underline{\hspace{2cm}}$

Mark approximate a), b) locations on model plan view:



Work: