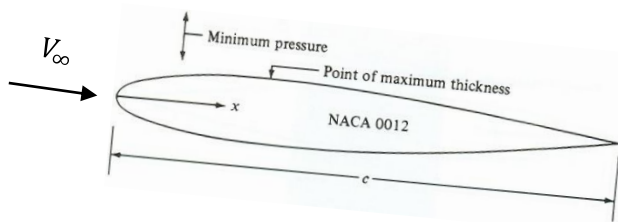
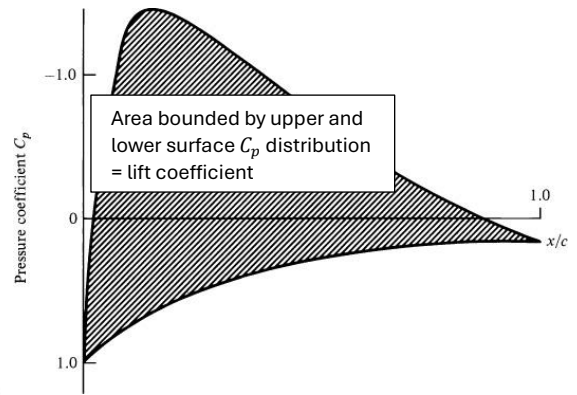
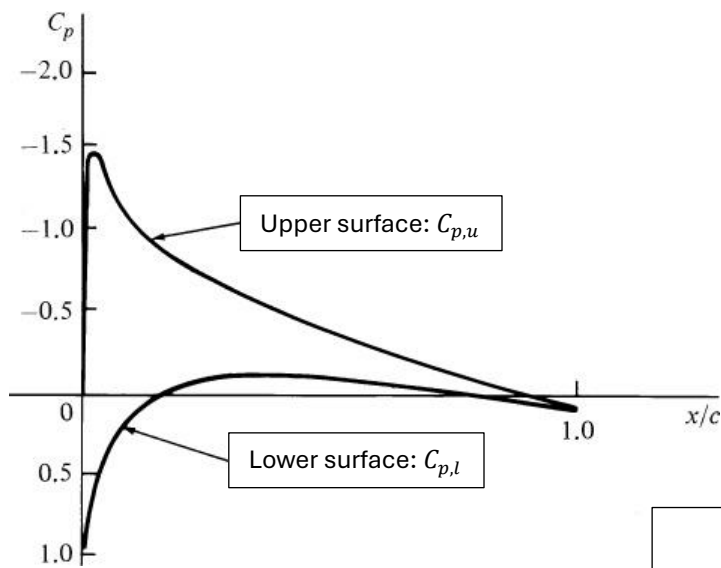


(KEY CONCEPT) [C-1-6]



$$L' = - \int_{LE}^{TE} p_u \cos \theta ds_u + \int_{LE}^{TE} p_l \cos \theta ds_l$$
$$c_l = \frac{L'}{q_\infty c} = \frac{1}{c} \int_0^c (C_{p,l} - C_{p,u}) dx$$
$$c_l = \int_0^1 (C_{p,l} - C_{p,u}) d(x/c) = \int_0^1 (C_{p,l} - C_{p,u}) d\bar{x}$$

Pressure coefficient plot and lift coefficient (source: J.D. Anderson "Fundamentals of Aerodynamics" 2016)

Lined area for notes, consisting of multiple horizontal dashed lines.