

Laminar

Turbulent

$$\delta(x) = \frac{5x}{\sqrt{\text{Re}_x}}$$

$$\delta(x) = \frac{0.16x}{\text{Re}_x^{(1/7)}}$$

$$C_{f_x} = \frac{0.664}{\sqrt{\text{Re}_x}}$$

$$C_{f_x} = \frac{0.027}{\text{Re}_x^{(1/7)}}$$

$$C_D = \frac{1.328}{\sqrt{\text{Re}_L}}$$

$$C_D = \frac{0.031}{\text{Re}_L^{(1/7)}}$$