$$C_l = \frac{l}{\frac{1}{2}\rho_\infty {U_\infty}^2 c} = \frac{l}{\frac{1}{2}\gamma P_\infty {M_\infty}^2 c}$$

$$C_d = \frac{d}{\frac{1}{2}\rho_\infty {U_\infty}^2 c} = \frac{d}{\frac{1}{2}\gamma P_\infty {M_\infty}^2 c}$$

$$l = P_3 z cos(\theta + \alpha) + P_4 z cos(\theta - \alpha) - P_1 z cos(\theta - \alpha) - P_2 z cos(\theta + \alpha)$$

$$d = P_1 z sin(\theta + \alpha) + P_3 z sin(\theta - \alpha) - P_2 z sin(\theta - \alpha) - P_4 z sin(\theta + \alpha)$$

$$C_l = \frac{z}{\frac{1}{2}\gamma P_\infty {M_\infty}^2 c}[(P_3 - P_2)cos(\theta + \alpha) + (P_4 - P_1)cos(\theta - \alpha)]$$

$$C_d = \frac{z}{\frac{1}{2}\gamma P_\infty {M_\infty}^2 c}[(P_1 - P_4)sin(\theta - \alpha) + (P_3 - P_2)sin(\theta + \alpha)]$$

$$z = \frac{(c/2)}{\cos(\theta)}$$

$$C_l = \frac{1}{\gamma P_\infty {M_\infty}^2 \cos(\theta)}[(P_3 - P_2)cos(\theta + \alpha) + (P_4 - P_1)cos(\theta - \alpha)]$$

$$C_d = \frac{1}{\gamma P_\infty {M_\infty}^2 \cos(\theta)}[(P_1 - P_4)sin(\theta - \alpha) + (P_3 - P_2)sin(\theta + \alpha)]$$