

**ERRATA: Airplane Flight Dynamics and Automatic Flight Controls Part I**

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Please check the website [www.darcorp.com](http://www.darcorp.com) for updated errata

*page 63, Line 12*

‘two families’ should be ‘three families’

*page 64, Line 2*

‘two families’ should be ‘three families’

*page 84, Equation (3.34)*

Should read:

$$C_{m0} = C_{mac_{wf}} + C_{L0_{wf}} \left( \bar{x}_{cg} - \bar{x}_{ac_{wf}} \right) + C_{L\alpha_h} \eta_h \frac{S_h}{S} \left( \bar{x}_{ac_h} - \bar{x}_{cg} \right) \varepsilon_0 \approx \\ \approx C_{mac_{wf}} + C_{L0_{wf}} \left( \bar{x}_{cg} - \bar{x}_{ac_{wf}} \right) \text{ if } \varepsilon_0 \text{ is negligible}$$

*page 197, Equation (4.42b)*

Should read:

$$-mg \sin \phi_1 \cos \gamma_1 = \left( C_{y\beta} \beta_1 + C_{y\delta_a} \delta_{a1} + C_{y\delta_r} \delta_{r1} \right) \bar{q}_1 S + F_{T_{y1}}$$

*page 216, Equation (4.71a)*

Should read:

$$-mg \sin \phi_1 \cos \gamma_1 = \left( C_{y\beta} \beta_1 + C_{y\delta_a} \delta_{a1} + C_{y\delta_r} \delta_{r1} \right) \bar{q}_1 S + F_{T_{y1}}$$

*page 218, Equation (4.73)*

‘ $F_{yT_1}$ ’ should be ‘ $F_{T_{y1}}$ ’

*page 219, Equation (4.74)*

‘ $F_{yT_1}$ ’ should be ‘ $F_{T_{y1}}$ ’

*page 219, Equation (4.75)*

‘ $F_{yT_1}$ ’ should be ‘ $F_{T_{y1}}$ ’

*page 219, Equation (4.76)*

‘ $F_{yT_1}$ ’ should be ‘ $F_{T_{y1}}$ ’

*page 299, Line 23*

Should read ‘...minimum control speed as a function of bank angle.’

*page 418, Table 6.1*

‘Douglas B-60’ should be ‘Douglas B-66’

*page 446, Table 6.20*

Column 2 for Bank Angle in 1.1 sec should be 97