

ERRATA: Airplane Design Part II

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Please check the website www.darcorp.com for updated errata

- page 168, Eqn (7.3)* $C_{l_{\max_r}} + C_{l_{\max_t}}$ should be $c_{l_{\max_r}} + c_{l_{\max_t}}$
- page 171, Eqn (7.11)* $\Delta C_l = (1/K)\Delta C_{l_{\max}}$ should be $\Delta c_l = (1/K)\Delta c_{l_{\max}}$
- page 171, Eqn (7.12)* $\Delta C_l = C_{l_{\delta_f}} \delta_f K'$ should be $\Delta c_l = c_{l_{\delta_f}} \delta_f K'$
- page 171, Eqn (7.13)* $\Delta C_l = k_f (C_l)_{c_f/c=0.2}$ should be $\Delta c_l = k_f (c_l)_{c_f/c=0.2}$
- page 171, Eqn (7.13)* Equation number should be in-line with the equation.
- page 171, Line 24* $(\Delta C_l)_{c_f/c=0.2}$ should be $(\Delta c_l)_{c_f/c=0.2}$
- page 171, Eqn (7.14)* $\Delta C_l = C_{l_{\alpha_f}} \alpha_{\delta_f} \delta_f$ should be $\Delta c_l = c_{l_{\alpha_f}} \alpha_{\delta_f} \delta_f$
- page 171, Last line* Last line is moved to Page 175.
- page 175, Eqn (7.15)* $C_{l_{\alpha_f}} = C_{l_{\alpha}} (c'/c)$ should be $c_{l_{\alpha_f}} = c_{l_{\alpha}} (c'/c)$
- page 175, Eqn (7.17)* $C_{l_{\alpha_f}} = C_{l_{\alpha}} (1+c_f/c)$ should be $\Delta c_l = c_{l_{\alpha_f}} \alpha_{\delta_f} \delta_f$
- page 175, Eqn (7.18)* $C_{l_{\max_{\text{with l.e. flap}}} = C_{l_{\max_{\text{no l.e. flap}}} (c''/c)$ should be
 $c_{l_{\max_{\text{with l.e. flap}}} = c_{l_{\max_{\text{no l.e. flap}}} (c''/c)$
- page 218, 3rd line from bottom* “forward of aft c.g.” should be “forward of forward c.g.”
- page 218, last line* “main gear and aft c.g.” should be “main gear and forward c.g.”
- page 276, line 19* 61 deg should be -76 deg.

page 303, line 21.

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