

ERRATA: Airplane Design Part II

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Year of Print, 1997

(Errata Revised May 16, 2018)

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

- page 159, Line 23* 'Selene' should be 'Ourania'
- page 168, Equation (7.3)* Should read: $C_{L_{\max_w}} = k_\lambda \frac{(c_{l_{\max_r}} + c_{l_{\max_t}})}{2}$
- page 171, Equation (7.11)* Should read: $\Delta c_l = \left(\frac{1}{K}\right) \Delta c_{l_{\max}}$
- page 171, Equation (7.12)* Should read: $\Delta c_l = c_{l_{\delta_f}} \delta_f K'$
- page 171, Equation (7.13)* Should read: $\Delta c_l = k_f (\Delta c_l)_{c_f/c=0.2}$
- page 171, Line 24* ' $(\Delta c_l)_{c_f/c=0.2}$ ' should be ' $(\Delta c_l)_{c_f/c=0.2}$ '
- page 171, Equation (7.14)* Should read: $\Delta c_l = c_{l_{\alpha_f}} \alpha_{\delta_f} \delta_f$
- page 171, Line 26* Should read '... may be found from Figure 7.8.'
- page 175, Line 1* Should read 'The flapped section lift curve slope can be obtained from:'
- page 175, Equation (7.15)* Should read: $c_{l_{\alpha_f}} = c_{l_\alpha} \left(\frac{c'}{c}\right)$
- page 175, Equation (7.17)* Should read: $c_{l_{\alpha_f}} = c_{l_\alpha} \alpha_{\delta_f} \delta_f$
- page 175, Equation (7.18)* Should read: $c_{l_{\max_{with\ l.e.\ flap}}} = c_{l_{\max_{no\ l.e.\ flap}}} \left(\frac{c''}{c}\right)$
- page 176, Line 31* ' $\Delta_{c/4} = 0 \text{ deg}$ ' should be ' $\Lambda_{c/4} = 0 \text{ deg}$ '

page 177, Line 4

$\left(C_{l_{\max_r}} + C_{l_{\max_t}} \right)$, should be $\left(c_{l_{\max_r}} + c_{l_{\max_t}} \right)$,

page 177, Line 17

$C_{l_{\max_r}} + C_{l_{\max_t}}$ should be $c_{l_{\max_r}} + c_{l_{\max_t}}$,

page 179, Line 25

‘Step 6.7:’ should be ‘Step 7.7:’

page 180, Line 4

‘ $\Delta_{c/4} = 35 \text{ deg}$ ’ should be ‘ $\Lambda_{c/4} = 35 \text{ deg}$ ’

page 182, Line 29

‘Step 6.7:’ should be ‘Step 7.7:’

page 183, Line 4

‘ $\Delta_{c/4} = 0 \text{ deg}$ ’ should be ‘ $\Lambda_{c/4} = 0 \text{ deg}$ ’

page 185, Line 18

‘Step 6.7:’ should be ‘Step 7.7:’

page 218, Line 35

‘forward of aft c.g.’ should be ‘forward of forward c.g.’

page 218, Line 37

“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

Should read ‘Note: These books are all published by:
Design, Analysis and Research Corporation, 1440
Wakarusa Drive, Suite 500, Lawrence, KS, 66049. Tel.
(785) 832-0434’