

**ERRATA: Airplane Aerodynamics and Performance**

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Year of Print, 2008  
(Errata Revised August 9, 2022)

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

- page 46, Line 8* 'windtunnel' should be 'wind tunnel'
- page 48, Line 2* 'sealevel' should be 'sea-level'
- page 48, Line 8* 'sealevel' should be 'sea-level'
- page 48, Line 22* 'sealevel' should be 'sea-level'
- page 48, Line 26* 'sealevel' should be 'sea-level'
- page 48, Line 33* 'sealevel' should be 'sea-level'
- page 62, Equation (3.25b)* Should read:  
$$c_x = \frac{X}{\bar{q}c} = \int_0^1 \left( c_{p_{\text{upper}}} \frac{dz_{\text{upper}}}{dx} - c_{p_{\text{lower}}} \frac{dz_{\text{lower}}}{dx} \right) d\left(\frac{x}{c}\right)$$
- page 86, Figure 3.27* Last Figure should be 'g' instead of 'f'
- page 110, Line 3* 'FAR\*23' should be 'FAR 23'
- page 223, Equation (6.12a)* Should read:  $s.f.c = 0.454(SHP_{t.o.})^{-0.055}$
- page 223, Equation (6.12b)* Should read:  $s.f.c = 0.525(SHP_{t.o.})^{-0.079}$
- page 289, Line 12* 'thank' should be 'than'
- page 326, Figure 7.29*  $Y_1$  should be measured from the X-axis, not the lower surface.
- page 327, Line 28* Should read '... centerline; blade chord,  $c=0.5$  ft; forward ...'
- page 450, Line 6* 'A=2.20' should be 'A =2.02'

*page 450, Line 6*

' $h/\bar{c} = 0.33$ ' should be ' $h/\bar{c} = 0.329$ '

*page 477, Figure 10.27*

For the Take-off Weight vs Balanced Field Length plot, the top curve is for Sea Level and the bottom curve is for an altitude of 8,000 ft.

*page 483, Line 19*

'positive when unfavorable' should be 'negative when unfavorable'