

ERRATA: Airplane Aerodynamics and Performance

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Year of Print, 2008
(Errata Revised May 4, 2018)

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page 62, Equation (3.25b)

Should read:

$$c_x = \frac{X}{q\bar{c}} = \int_0^1 \left(c_{p_{upper}} \frac{dz_{upper}}{dx} - c_{p_{lower}} \frac{dz_{lower}}{dx} \right) d\left(\frac{x}{c}\right)$$

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 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.