

ERRATA: Airplane Aerodynamics and Performance

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- cover & title page* Dr. Lan is now a J.L. Constant Distinguished Professor instead of a Warren S. Bellows Distinguished Professor
- page 62, Eqn 3.25b* $c_x = \frac{X}{\bar{q}c} = \int_0^1 (c_{p_{lower}} - c_{p_{upper}}) d\left(\frac{z}{c}\right)$ should be
 $c_x = \frac{X}{\bar{q}c} = \int_0^1 \left(c_{p_{upper}} \frac{dz_{upper}}{dx} - c_{p_{lower}} \frac{dz_{lower}}{dx} \right) d\left(\frac{x}{c}\right)$
- page 86, Fig 3.27* Last Figure should be ‘g’ instead of ‘f’
- page 110, Line 3* FAR*23 should be FAR 23
- page 144, Figure 5.6b* S = 27.0 ft, replace “S” with “b”. b = 27.0 ft
- page 195, Problem 5.3* the term $\frac{2C_{L_{min\ drag}}^2}{\pi Ae}$ replaces $\frac{C_{L_{min\ drag}}^2}{\pi Ae}$
- page 223, Eqn 6.12a and b* s.f.c_{to} should be s.f.c
- page 289,
4th line from bottom* Change “thank” with “than”
- page 326, Fig 7.29* Y₁ should be measured from the X-axis, not the lower surface.
- page 404, Equation 9.68* integral limits should t₁ to t₂ instead of h₁ to h₂
- page 447, 3rd line 2nd paragraph* “wing” should be “wind”
- page 450, Example 10.1* A = 2.02 and $h/\bar{c} = 0.329$
- 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 569, 8th line from bottom* Delete the repeated ‘is’.