Errata

Unsteady Lift of a Flapped Airfoil by Indicial Concepts

J. Gordon Leishman
*University of Maryland,
College Park, Maryland 20742*

[J. Aircraft 31(2), pp. 288–297 (1994)]

T HREE equations in this article were typeset incorrectly. The AIAA Editorial Staff regrets this error and any inconvenience it has caused our readers. The correct equations follow.

In the first column of page 293 Eqs. (36) and (37) should read

$$T_\delta(M, e) = \left(\frac{c}{2V}\right) T'_\delta = (1 - e)\left[(1 - M)\right.$$

$$\left. + 2F_{10}\beta M^2 \sum_{i=1}^{2} A_i b_i\right]^{-1} \left(\frac{c}{a_s}\right) = K_\delta(M, e)T_i \qquad (36)$$

$$T_{\dot\delta}(M, e) = \left(\frac{c}{2V}\right) T'_{\dot\delta} = \frac{(1 - e)^2}{2}\left[(1 - M)(1 - e)\right.$$

$$\left. + F_{11}\beta M^2 \sum_{i=1}^{2} A_i b_i\right]^{-1} \left(\frac{c}{a_s}\right) = K_{\dot\delta}(M, e)T_i \qquad (37)$$

In the first column of page 294 Eq. (42) should read

$$\dot z_4(t) = \frac{\dot\delta(t)c}{V} - \frac{1}{K_{\dot\delta}T_i} z_4(t)$$

$$C^i_{L_{\dot\delta}}(t) = \frac{(1 - e)^2}{2M} \dot z_4(t) \qquad (42)$$