

Errata

Pitch Rate Effects on Delta Wing Vortex Breakdown

Lars E. Ericsson
Mt. View, California 94040

[*J. Aircraft*, 33(3), pp. 639–642 (1996)]

IN the last paragraph before References, the text should be corrected as follows: “With $\alpha(t) = 14$ deg and $\alpha_0 = \Delta\alpha = 10$ deg, Eq. (5) gives $\omega\Delta t_{VB} = 66$ deg” (not 76 deg as stated). Consequently, “The maximum breakdown-promoting camber effect during the downstroke, generated at $\alpha = 10$ deg, when $\omega t = \pi$, is felt a time increment Δt_{VB} later, when $\alpha = 10$ deg $(1 - \sin 66 \text{ deg}) = 1.8$ deg” (not 0.3 deg as stated). This corrected value agrees better with the experimental results in Fig. 2, showing that the most forward breakdown location was measured at $\alpha \approx 2$ deg.