

Errata

Dynamic Effects of Shock-Induced Flow Separation

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THE experimental results in Fig. 1b are incorrect according to a recent publication.¹ The old, preliminary apparent damping results and the final, correct ones are shown in Fig. 1. This explains the inability of the analysis, Eq. (27) and associated text, to predict the previously published damping increase before buffet onset. The present, corrected experimental results are in rather good agreement with predictions.

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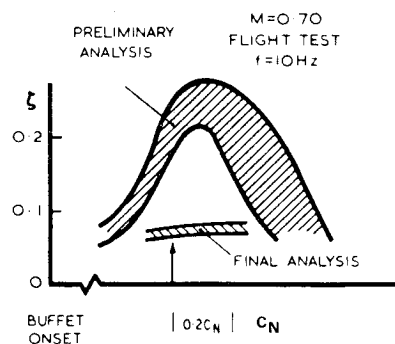


Fig. 1 Apparent damping of first wing-bending mode (Ref. 1).

Reference

¹Maby, D.G., "Some Remarks on Buffeting," VKI Lecture Series 1981-4 on Unsteady Airloads and Aeroelastic Problems in Separated and Transonic Flow, March 9-13, 1981, Von Karman Institute, Rhode Saint Geuese, Belgium.

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