tained by the tower show a considerably higher scattering in comparison to the flight data. The reason is that the Morane system eliminates uniform gusts and smoothes turbulence because the wind profile is obtained by integrating the shear gradient, while the tower measures the actual wind speed. Furthermore, attention should be given to the fact that the wind profile cannot be measured by both systems during the same time. The sensing devices of the meteorological tower are fixed at a platform that is moved at a vertical speed of not more than 0.5 m/s. In spite of all, the measurements are in fairly good agreement and confidence in the results achieved by the simple airborne system is strengthened.

References

[1]"Iberias Lineas de Espana (Iberian Airlines), McDonnell Douglas DC-10-30, EC CBN, Logan International Airport, Boston, Massachusetts, Dec. 17, 1973," U.S. National Transportation Safety Board, Aircraft Accident Report, NTSB-AAR-74-14, Nov. 1974.

[2]"Eastern Airlines, Inc., Boeing 727-225, N8845, John F. Kennedy International Airport, New York, June 24, 1975," U.S. National Transportation Safety Board, Aircraft Accident Report, NTSB-AAR-76-8, March 1976.

[3]Staufenbiel, R., Neuwerth, G., and Hartel, R., "Bordgebundenes Verfahren zur Messung von Scherwinden und deren Einwirkungen auf Flugbewegungen in bodennahen Luftschichten," Forschungsbericht des Landes Nordrhein-Westfalen No. 3055, 1981.

Errata

A Possible Causative Flow Mechanism for Body Rock

L. E. Ericsson*

Lockheed Missiles & Space Company, Inc.

Sunnyvale, California

[J. Aircraft, **22**, 441-443(1985)]

IT is erroneously stated that all tail surfaces had been removed, together with the wing, when the body rock motion was observed.[1] In reality, the fin was not removed. This does not change anything in regard to the causative mechanism described. However, it probably means that in a dynamic subscale test, the amplification of the body rock mechanism provided by the fin is needed to overcome the mechanical roll damping present in the test.

References

[1]Chambers, J. R., Private communication of unpublished experimental results, July 16, 1982.

Received July 15, 1985.