

Reply by Authors to H. H. Album

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IT is apparent Album has misinterpreted the only allusion to free interaction in our paper¹ given in the paragraph of which he quotes only the last two sentences. In essence, this paragraph states that our data do not correlate well according to the scaling after Chapman, however, they do correlate according to Curle's² similarity scaling. Although the former would appear to indicate that separations are not of the free-interaction type, the latter suggests that they do reflect free interaction.

References

¹ Ball, K. O. W. and Korkegi, R. H., "An Investigation of the Effect of Suction on Hypersonic Laminar Boundary-Layer Separation," *AIAA Journal*, Vol. 6, No. 2, Feb. 1968, pp. 239-243.

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² Curle, N., "The Effect of Heat Transfer on Laminar Boundary Layer Separation in Supersonic Flow," *Aeronautical Quarterly*, Vol. 12, Nov. 1961.

Erratum: "Correlations between Deflagration Characteristics and Surface Properties of Nitramine-Based Propellants"

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THE author has pointed out that part of the second sentence of the Abstract was omitted, which changed the meaning of the test. The complete sentence should read: "The transition point for change in slope of the burning-rate curve is shifted to lower pressure by burning-rate accelerators and to higher pressure by burning-rate retarders or by decreasing the particle size of the explosive."