

Technical Comments

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Reply by the Author to A. Laverón-Simavilla and J. M. Perales

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THE commentors have misinterpreted the various velocity potentials that appear in the paper. The velocity potential for the

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freestream of speed U and angle of attack α is $U(x + \alpha z)$. The near-field perturbation velocity potential φ , as given in the paper, is defined by

$$\varphi^* = Ux + \varphi$$

where φ^* is the velocity potential of the flow. The velocity potential φ' , as introduced in the Comment, is given by

$$\varphi^* = U(x + \alpha z) + \varphi'$$

This definition of φ is clearly indicated in the statement of its mathematical problem given in Eqs. (3) of the paper.

Given the preceding, the analysis in the paper is correct and the results stand.

K. Kailasanath
Associate Editor