

Review of: "Aerodynamic Design and Performance Analysis of Mars Ascent Vehicles"

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Potential competing interests: No potential competing interests to declare.

The paper contains CFD analysis in conjunction with wind tunnel (experimental) data. The title of the paper addresses aerodynamic design during the Mars ascent flight. Is the paper using Mars atmospheric data? Please show the difference in results using a laminar or turbulence model on aerodynamic forces and moments. The mesh independence test is to be included, as well as the selection criteria of the computational domain.