

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

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Potential competing interests: No potential competing interests to declare.

Here are some critiques of the manuscript:

1. Please give a thorough review of the English language; all grammatical errors should be carefully eliminated. The Word format of the manuscript must be revised and performed. The language used in this manuscript could be strengthened to make it more assertive and conclusive.
2. The original points must be explained well and highlighted.
3. The abstract provides a clear overview of the study's objectives, methodology, and findings, which is commendable. However, some sentences are lengthy and could be broken down for better readability.
4. The conclusion does not explicitly mention potential avenues for future research or areas for further investigation based on the study's findings. Including suggestions for future studies could help guide researchers interested in building upon the current research.
5. Results discussion can be performed by deep physical interpretation!
6. Can you give more details about the interaction between fluid and structure in your case?
7. Tests of mesh effect must be added! What about precision in your study?
8. Tests of turbulence model must be added (Y+)?