

# Review of: "A Simplified Model for Propeller Thrust in Oblique Flow"

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**Potential competing interests:** No potential competing interests to declare.

The variables in the equations should be defined.

The difference between Fig. 2 and Fig. 3 is not clear to me. Please stay consistent with the markers and the limits.

Check this: "This suggests that the flow along the axis of the propeller is largely unaffected by the flow perpendicular to that axis, and motivates a model that considers only the axial inflow velocity to be relevant in the generation of thrust."

In Fig. 4, why is  $v = 9$  m/s tested for only two conditions?

Check this: "BEMT has been used to model the generation of forces and moments generated by a propeller in oblique flow, coupled with an inflow model for the airflow profile at entry to the propeller."

Please give more examples of CFD studies!

Please highlight the reason two validation cases are conducted.

You just showed the validity of your model. Please suggest some other results which you think the model is still valid for.

The language is fine with some minor errors. I recommend this manuscript for major revision.