

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

K. Viswanath Allamraju¹

¹ Aeronautical Development Agency, Bengaluru, India

Potential competing interests: No potential competing interests to declare.

1. In Fig. No. 2, the static coefficient of thrust begins above 0.08. Any reason to justify why to show the below values of 0.08?
2. Significance of considering cross flow at 6 m/s and 9 m/s, mention with reasons.
3. Fig. 6 shows merged static (cyan) and axial (blue) experimental data from wind tunnel experiments performed by [5] for the propeller APC Thin Electric 10x7. A second-order polynomial, ϵ_{axial} (red), was fitted to the static and axial data. The Fig. 6 may be with axial and $CT(J)$ would be better than with static. Instead of three variables, it would be better with two variables which are having comparable values.
4. Overall, the work was highly inspiring for researchers.