

From the Editor

Publication Date

This issue is the first of Volume 49 of *TS*, corresponding to January-March 2025. For the record, the issue was published in May 2026.

About this issue

In this issue, Scherrer presents a practical and timely contribution to sailplane instrumentation: a method for estimating angle of attack and angle of sideslip using inertial and pressure measurements already available in modern digital soaring instruments. The article comprehensively covers the theory, implementation, and flight-test validation of this novel method. While angle of attack and angle of sideslip can, of course, be measured in flight using external aerodynamic sensors, such conventional sensors have seen limited adoption in sailplanes due to their drag

penalties. I hope that this non-intrusive method of estimation will contribute to making angle of attack and angle of sideslip information more widely available in sailplanes, thereby aiding pilots with improved flight-domain awareness.

The peer review of this article was overseen by Associate Editor Dr. Goetz Bramesfeld.

Very Respectfully,

Kurt Sermeus
Editor-in-Chief, *Technical Soaring*
ts-editor@ostiv.org