



The Latest News from AeroSouth - October 2021



AeroSouth Announces Breezy and Breezy-V Wind Indicators

Inspired by suggestions from Sunfish competitors Alex Dean, Isaac Kuykendaal, Ashlyn Park and Emily Wagner, AeroSouth is pleased to announce the availability of its new wind indicators, **BREEZY and BREEZY-V**. These simple, highly affordable devices, **approved for Class competition**, show wind strength and direction in even the lightest conditions, helping you to see your way to higher speed and victory!

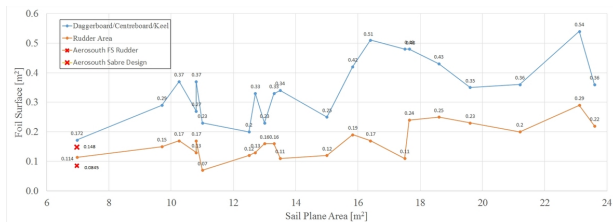
In stock and ships within 24 hours. Always sold in pairs. [Order yours now from the AeroSouth Store!](#)



Lee Montes Reviews Dinghy Bob

Popular Sailboat [YouTuber Lee Montes](#) recently evaluated an [AeroSouth Dinghy Bob](#) off the coast of his native Long Island. See this informative and - as always with Lee - entertaining description of our product - [at this link](#). Thanks, Lee!

The Science of Sailing #2 - State-of-the-Art in



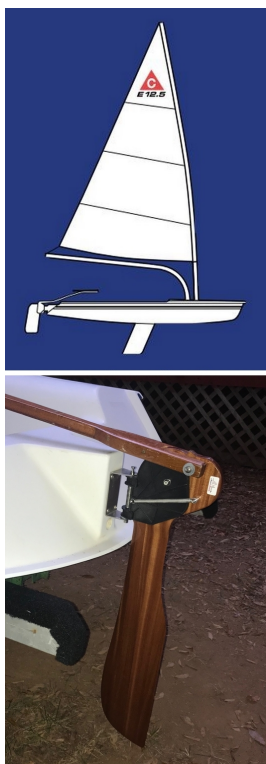
Design of Rudders and Daggerboards

Recently a new publication concerning the design of sailboat components came to our attention that confirms AeroSouth's world-leading rudder and

daggerboard technology. Entitled "[An engineering method to design daggerboards and rudders for small racing yachts](#)" and authored by Stefano Castegnaro, C.Battisti, M.Poli and A.Lazzarato, the report appeared in the July 30th issue of Ocean Engineering. It documents the development of a modern VPP (Velocity Prediction Program) and its use in comparing the designs of 21 small sailboats. AeroSouth owner and president, Kent Misegades, contacted Stefano to begin a dialog on this topic. Both are graduates of the [Von Karman Institute for Fluid Dynamics](#) in Brussels, one of the world's foremost institutions of its kind.

Stefano kindly replied with interest in collaboration. He confirmed that the AeroSouth designs are state-of-the-art and our methods are unique in their inclusion of free surface losses for surface-penetrating rudders typical of small sailboats. He added our data for the [AeroSouth FS rudder blades](#) and [Sabre daggerboards](#) to his extensive compilation of boats shown in Figure 1 of this report (right-click on the image above for a detailed image of this figure including AeroSouth data on the far left).

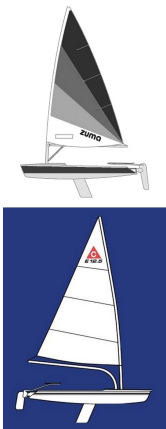
In the future we are hoping, with Stefano's assistance, to use his advanced VPP program to demonstrate the potential advantages of AeroSouth's rudders and daggerboards on the Sunfish and other boats. Stefano, who lives in Padua, Italy, is an enthusiastic sailor on beautiful [Lake Santa Croce](#) near the Dolomite mountains range.



AeroSouth FS Rudder now Available for Catalina 12.5 Expo

Jim Langley of Matthews, North Carolina, the proud new owner of a [Catalina 12.5 Expo](#) previously used only as an exhibition model, recently contacted us to inquire if the AeroSouth FS rudder blade might fit on his new boat. As Jim explained, its origins are to be found in the Zuma from the former Vanguard Sailboats. On the Zuma, Vanguard made use of standard Sunfish rudder cheeks and gudgeon bracket, and this was continued with the production of the Expedition from SLI (Sunfish Laser Inc.), later to be acquired by [Catalina Yachts](#) and produced as their [12.5 Expo](#). We travelled to nearby Matthews last week to deliver an FS rudder, shown in the image on the left on Jim's Expo. It needed no modification other than a hole drilled for the wishbone tiller.

In addition to the Catalina 12.5 Expo, the AeroSouth FS rudder is now in use on numerous **Sunfish, Zuma and Fulcrum Rockets** sailboats. We are currently investigating its potential use on the [Force 5 from Weeks Yacht Yard](#). AeroSouth welcomes suggestions of other potential applications of the FS rudder blades.



AeroSouth Developing Daggerboards for Catalina, Zuma and others

Just as owners of various types of dinghies have worked with AeroSouth to adapt the FS rudder blade - originally designed for the Sunfish - to the Zuma, Catalina 12.5 Expo and Fulcrum Rocket, we are now developing new daggerboards for these boats based on our highly-efficient **Sabre boards**. AeroSouth welcomes suggestions of new products like these, and enjoys working closely with others to improve the performance of sailing craft. **Contact us at this link with your ideas.**



AeroSouth at 2021 Sunfish Worlds

On October 28-29 we will be attending the final days of the **2021 Sunfish World Championships**, hosted by the **Sarasota Sailing Squadron** in Sarasota, Florida. Nearly 100 competitors from the Americas and Europe have registered for the regatta, the 50th international competition of its kind.

AeroSouth has contributed to the event by providing one of our popular and effective **mainsheet hanger clips**, approved for Class Legal racing, to all of the participants. **Hoping to meet you there!**

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