



## The Latest News from AeroSouth - December 2021



### Sailboat Stocking Stuffers

Looking for an affordable stocking stuffer for that special sailor in your life? AeroSouth suggests a few:

- A set of **Mainsheet Hanger Clips**, \$25
- A **Mast Step Plug**, \$20
- A pair of **Breezy Wind Indicators**, \$25

All are in stock and ship within 24 hours. (And they fit nicely into a stocking.)

[Available now at the AeroSouth Store.](#)

**Proudly Engineered and Made in North Carolina, USA!**

### Announcing Breezy "Mark II"

Based on initial customer reaction to our new Breezy



low-wind direction indicator, we have incorporated a few changes into its "Mark II" edition. Improvements include:

- A unique flexible coupler that makes Breezy virtually indestructible in collisions.
- Improved eye-tips to make attachment of ribbons simpler.
- Stronger central bracket to keep Breezy stable in winds of 20 knots and higher.
- Three different ribbon colors are now shipped to increase choices: red, black and multi-colored.

What has not changed is Breezy's low cost of only \$25 - and that is for a pair of them, how we always ship Breezy. Put two on your mast and spars, or keep one and give the other to a friend.

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

## Bitter Ends Adopt Dinghy Bob

One of the oldest and largest groups of Lady sailors in Florida is the [Venice Women's Sailing](#)



**Squadron**, which goes by the name of "**The Bitter Ends**". Sailing on shallow Roberts Bay, these sailors faced the prospect of having their rigs stuck in the muck when their Sunfish on occasion capsized. The Bitter Ends recently purchased Dinghy Bobs for their fleet, which should put an end to turtling and keep the ladies on the water longer when the winds are up.

They now join their sailing sisters of the **Dinghy Dames** of the **Davis Island Yacht Club** in Tampa, FL, who purchased a larger number of Dinghy Bobs this past summer for the same reason. Both clubs are affiliated with the **Florida Women's Sailing Association**, an active group of dedicated ladies that deserve much praise for the high level of enthusiasm for the sport of sailing in Florida.

In stock and ships within 24 hours. **Order yours now from the AeroSouth Store!**



## Gougeon G-32 and Dinghy Bob

It is said that "*Great minds think alike.*" The wise King Solomon though reminds us that "*What has been is what will be, and what has been done is what will be done, and there is nothing new under the sun.*" ([Ecclesiastes 1:9](#))

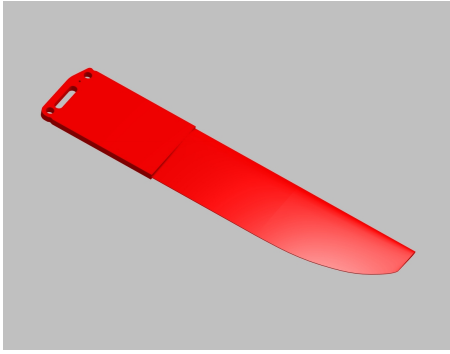
The **Gougeon Brothers** company of Bay City, Michigan is known today primarily as a supplier of composite materials such as their WEST SYSTEM epoxies. For most of its history however the brothers and their talented craftsmen designed and produced numerous unique sailing craft, such as the G-32 shown here. As described on [their web site](#): "The G-32 is an innovative 32' catamaran designed and built by the Gougeons in the early 1990s. These production boats feature a water-ballast system, are self-righting, and are trailerable. **The masthead float doubles as a wind vane and prevents the boat from going completely upside down if capsized.**"

When we set out to develop Dinghy Bob two years ago, our primary inspiration for it were the fixed mast bobs commonly seen on Hobie Cats.

It is gratifying to see that the challenges faced by dinghy sailors, and the solutions we at AeroSouth have created to solve them, are similar to those from leading sailing-related companies such as Hobie and the Gougeon Brothers.

In stock and ships within 24 hours. **Order yours now from the AeroSouth Store!**





## Progress Report: Class Replica Daggerboard

Good progress has been made in recent weeks on our new "Classic" daggerboard, a replica of those used in **ISCA** competitions. While the Classic retains the overall shape and dimensions of the 30+ year old current design, it does have a few benefits over legacy boards:

- Made of sapele wood, resulting in lower weight, greater impact resistance and simpler repairs compared to fiberglass boards.
- Improvements to the board's top end for better handling and securing.
- Comes equipped with a robust rubber stop and stainless steel hardware at no extra cost.
- Available in clear-coat or bright AeroSouth red.

Don't race in ISCA events? Then the Classic is ideal for your needs. If you do race, save that expensive Class Legal board for the big races and use our new Classic for training and other regattas. The AeroSouth Classic daggerboard will be available for sale in January, 2022.

Want to achieve the most from your boat? Our world-leading **FS Rudder Blade** and **Sabre Daggerboard** are what you need. Or kick your speed into high gear while saving a few dollars through our **Extreme Speed Trio** package.



## The Science of Sailing #4 - The Overlooked Foils

While there exist dozens of excellent books on sailboat design, there are only a handful of references that deal with the complex and inter-related topics of aerodynamics and hydrodynamics of sailing craft. One of our favorites is "High Performance Sailing" by Australian sailing great, the late Frank Bethwaite. The short but detail-packed chapter 19 of his book, entitled simply "Foins", covers many of the essential topics that are behind the boards and blades we at AeroSouth have developed. If you can get your hands on a copy (readily available through online sellers), start your reading with the summary of chapter 19. Here is a short

excerpt:

"The centreboard and rudder blade develop the same sort of forces as the sails. They are just as important as the sails in achieving high performance....They do their work quietly and efficiently. Generally they do not call attention to themselves in the same way as flapping sails or a crack on the head with the boom, *and they therefore tend to be overlooked* If you seek high performance it is not wise to overlook them. They are just as important as your sails in providing the force which drives your boat, and they reward care and understanding."

As Bethwaite concludes the chapter:

*For fastest sailing:  
Keep them highly polished.  
Keep them vertical.  
Keep them free from blemish.  
Keep them free from weed.*

Sailing with AeroSouth boards and blades can take your sailing to new levels, as Jim Langley of Charlotte, North Carolina recently described to us: "On Saturday, November 13th I was on Lake Murray, near Columbia, South Carolina. I wish I had a GoPro with GPS on the boat. I just know I was on a full plane for a good 20 minutes. It was perfect conditions. I was able to sail across the lake for a good half hour and then turn around and come back on the broad reach as the breeze built. **I'll never forget this one.**"

**SAIL FASTER - HAVE MORE FUN**  
**AeroSouth Technology LLC**

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