FOR IMMEDIATE RELEASE
November 19, 2015

Wind-Assist Ferry Wins Popular Science’s Best of What’s New Award for Engineering

NAPA, Calif., -- Wind+Wing Technologies (WWT) today announced its wind-assist ferry design received a 2015 Popular Science Best of What’s New Award in the Engineering category. Each year, the publication reviews thousands of new products and innovations to choose the top 100 winners across 10 categories. The Napa-based company is featured in the highly anticipated Best of What’s New December issue, which hit newsstands on Tuesday, November 18.

The issue features the company’s cutting-edge vessel design, a fuel-free commuter ferry that harnesses 10,000 pounds of wind power through a computerized wing. Three microphones collect data to determine the wind’s direction, and a carbon-fiber sail pivots around a 75-foot spine to capture its power. All electronics – the wind sensor, wing controls, GPS, and communication tools – are powered by a 50-watt photovoltaic cell.

“The Best of What’s New awards honor the innovations that surprise and amaze us—those that challenge our view of what’s possible in the future,” said Cliff Ransom, Editor-in-Chief of Popular Science. “The award is Popular Science’s top prize, and the 100 winners—chosen from among thousands of nominees—are each a revolution in their respective fields.”

Owned by Jay Gardner, a co-founder of Adventure Cat Sailing Charters in San Francisco, Wind+Wing Technologies is the only Bay Area or California-based company awarded in the Engineering category, amongst other winners from New York, Paris, Zurich, and Hiroshima.

“We are proud of this achievement awarded to us by Popular Science, not only for the recognition of our wind-assist ferry design, but because it helps solidify our society’s shifting attitude towards fuel
consumption and the growing importance we place on environmentally sustainable technology," said Gardner.

Since the completion of WWT’s successful demonstration vessel and testing phase in 2014, there has been a groundswell of interest in sustainable ferry transportation, due in part to the advancement in wing technology, and also the ever-increasing gridlock on roads and other public transportation options. The company is actively pursuing funding and implementation of its wind-assist vessel design on Bay Area ferry routes, including the Richmond route and the new Treasure Island route slated for 2019. WWT has also submitted general plans of a full-scale 400+ passenger vessel to the United States Coast Guard, and has received positive feedback on the design.


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