

Aerospace wind turbine generator



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Wind Generators

"Portable wind" best describes AEROLAB's wind generator. Fitted with industrial-grade casters, the installed tow point makes maneuvering easy. Mounted atop a

[Helium Giants Return: LTA Research Airship Over SF Bay](#)

The age of airships is reborn! LTA Research's Pathfinder 1, a 124-meter helium giant, soared over San Francisco Bay, marking a new era in sustainable aviation. Funded by Sergey Brin,



[Ukraine's Aerostat Revolution Revives Airship Technology](#)

In the heart of Ukraine's defense, helium-filled aerostats extend drone reach and safeguard troops.

[Barrier Breaker Is Shaping Aerospace Engineering's Future](#)

From physics to aerospace engineering Harris's journey into the world of science began under the guidance of his physics teacher at the all-Black Armstrong High School, in Richmond.



[GPS Spoofing Attacks Are Dangerously Misleading Airlines](#)

These tools are beginning to replace-or at least, amend-the role of full-fledged physics simulation in the automotive and aerospace industries, semiconductor engineering, and more.

Aerospace and Wind Energy Convergence

Aerospace technology plays a crucial role in advancing wind



Fly the Hybrid Skies

For this test series, engineers at GE Aerospace assembled two sets of a hybrid-electric system, representing the right- and left-engine sides of an airplane, and simulated the electrical loads



Aeroleaf

The Aeroleaf (R) is a patented micro wind turbine composed of a double blade with a vertical axis in the form of a leaf and a synchronous micro-generator with



[The World's Largest 3D Metal Printer Is Churning Out Rockets](#)

In traditional aerospace manufacturing, a design change can require almost a year of retooling and adjustments. Because hardware changes take so long, the avionics department is



Aerospace News & Articles

The latest developments in aviation, satellites, astrophysics, space flight, and space exploration



[Electric Aircraft Motor Gets Superconducting Upgrade](#)

High-temperature superconductors are transforming electric aircraft motors from companies like Hinetics, offering unprecedented power density.

The Truth About Terahertz

UPDATE 5 MARCH 2024: In Terahertz technology, everything old is news again. "Not that much has changed in the past 10 or 15 years," says Peter H. Siegel. Siegel, an IEEE Life Fellow,



MEMS In Space

A MEMS-based digital thruster for attitude control is under development by Aerospace, TRW Inc. (headquartered in Cleveland, Ohio), and the California Institute of Technology, in Pasadena.

Aero Generator

Aero generators refer to devices, such as wind turbines, that convert wind energy into mechanical energy for power generation, primarily utilizing aerodynamically shaped blades to generate driving



AEROVIDE

AEROVIDE offers comprehensive support to wind power plants and component manufacturers in all fields of wind energy technology to produce even more reliable, efficient and cost-effective wind

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