

PEES Power Systems

Wind turbines on domestic aircraft carriers



Overview

The United States Navy is currently testing aircraft carriers powered solely by wind turbines announced Secretary of the Navy Carlos Del Toro during a recent appearance at the US Naval Academy. The Secretary proudly spoke to the Midshipmen about the historic change. Payload) *Aircraft displayed with cargo doors closed (top) and cargo doors open (bottom) . The US Department of Defense is looking at how it might use a huge airlifter almost six times larger than the Antonov An-225 that is being developed to transport wind turbine blades. Radia's WindRunnnner is 356ft (109m) in length with a wingspan of 261ft (80m and a payload capacity of 272,000ft³. Transporting wind turbine blades by air could help super-size the future of onshore wind farms. Concept art of Radia's WindRunner moving CH-47 Chinooks. The American startup Radia from Colorado has unveiled its design for the WindRunner, a giant military transport aircraft that, according to the company, could carry up to four F-35 fighter jets or six CH-47 Chinook helicopters without disassembly. Originally, the aircraft was developed to transport. Windrunner, the world's largest plane that is currently being built in Colorado, is being eyed by the United States military for playing a very different role than what it is primarily meant for.

Wind turbines on domestic aircraft carriers



WindRunner: A Colossal Cargo Carrier Designed for Wind Turbine ...

But a growing challenge has emerged: transporting these colossal wind turbine blades. Enter the WindRunner, a revolutionary aircraft designed to be the world's largest cargo carrier, ...

Moving wind turbines is a headache: Giant new cargo ...

Most wind turbine components are transported by road on ...

APPLICATION SCENARIOS



WindRunner: US eyes world's largest plane for military cargo needs

Radia's Windrunner has the goal to transport offshore-sized wind turbine blades to develop high-capacity onshore wind farms. These high-capacity onshore wind farms are called ...

United States Navy testing wind-turbine powered aircraft carriers

The United States Navy is currently testing aircraft carriers powered solely by wind turbines announced Secretary of the Navy Carlos Del Toro during a recent appearance at the US ...



Radia WindRunner

There's news of a new cargo plane specially designed to deliver wind turbine blades onto wind farms. The company thinks it can begin transporting 341-foot (104-meter) blades onto dirt or ...

WindRunner: US to build world's largest military airlifter aircraft carrier

The American startup Radia from Colorado has unveiled its design for the WindRunner, a giant military transport aircraft that, according to the company, could carry up to four F-35 fighter ...



WindRunner , Radia

WindRunner delivers extraordinary payloads, including the most powerful



wind turbines ever deployed onshore
Our global fleet will operate from hubs
where blades are imported or
manufactured

How Radia hopes to move DoD cargo with the world's largest airplane

With the WindRunner's target being onshore wind farms, Radia is designing the massive plane to land on unpaved dirt strips, making it easier to deliver turbine blades to austere locations.



US military to explore uses for huge WindRunner airlifter

The US Department of Defense is looking at how it might use a huge airlifter almost six times larger than the Antonov An-225 that is being developed to transport wind turbine blades.



Moving wind turbines is a headache: Giant new cargo plane ...

Most wind turbine components are transported by road on specialised trucks or by rail for longer distances. But Radia found that this wouldn't be feasible for their super-sized turbine plans



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