PteroDynamics Secures Contract with US Navy to Deliver Cargo VTOL Aircraft

Partnership Underscores Advantage of Unique Technology

COLORADO SPRINGS, COLORADO, USA, August 23, 2021 /EINPresswire.com/ -- PteroDynamics, an aircraft design and manufacturing company that develops innovative vertical take-off and landing (VTOL) aircraft, is today announcing it has secured a contract with Naval Air Warfare Center Aircraft Division (NAWCAD) to deliver 3 VTOL prototypes for the Blue Water Maritime Logistics UAS (BWUAS) program.

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>
> *Val Petrov, PhD, PteroDynamics' founder and CTO*

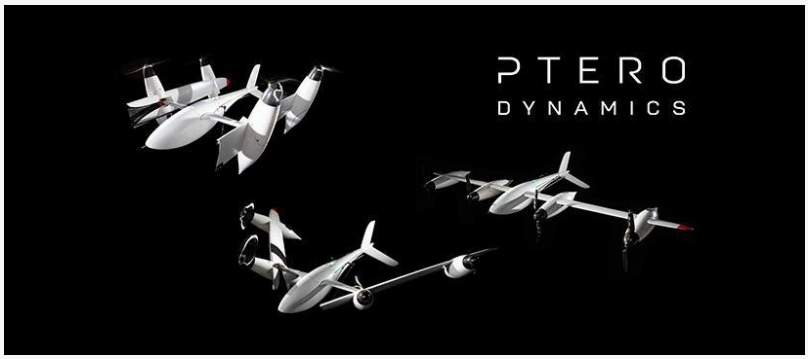
In 2018, Military Sealift Command and Fleet Forces Command identified a need for the United States Navy to develop a capability to autonomously deliver cargo with an unmanned aerial system (UAS) to and from ships at sea. Their analysis found that 90% of critical repair cargo delivered at sea by helicopters and V-22 aircraft weighed less than 50 pounds. A VTOL UAS can fill this critical need and free the manned aircraft to perform other higher priority missions.

"We are honored to be selected for this important project," said Matthew Graczyk, PteroDynamics' CEO. "This contract is the start of an important partnership, and we look forward to delivering the prototypes to NAWCAD."

"This is an exciting milestone for our distinctive VTOL aircraft," added Val Petrov, PhD, PteroDynamics' founder and CTO. "Our design is well suited for operations on ships where windy conditions and tight spaces challenge other VTOL aircraft during takeoffs and landings."

"Using unmanned, autonomous aircraft for delivery of these critical payloads is an important capability for the Navy to have," said Blue Water's project lead, Bill Macchione. "The innovative

design of PteroDynamics offers significant potential for both military and civilian missions.”



About PteroDynamics

PteroDynamics is an aircraft design and manufacturing company that has developed a novel VTOL aircraft design that folds its wings during flight to transition between rotorcraft and fixed-wing configurations. Protected by three issued and five pending U.S. and international patents, Transwing® aircraft have improved controllability in takeoff and landing and typically require 1/3 of the ground footprint as compared to other aircraft with the same wingspan. Transwing®’s clean aerodynamic shape also allows it to fly faster and further than competitive designs. PteroDynamics is venture-backed by Kairos Ventures.

About NAWCAD

NAWCAD conducts research, development, test, evaluation, and sustainment for all United States Navy and United States Marine Corps aircraft and aircraft systems. Its diverse workforce of more than 10,000 military, civilian, and contractor engineers, scientists, testers, and other professionals support an evolving battlespace through research, development, test, and evaluation of both fielded and not-yet fielded naval and marine corps platforms and technology. Headquartered in Patuxent River, Maryland, the warfare center collaborates across its sites in St. Inigoes, Maryland; Lakehurst, New Jersey; and Orlando, Florida to ensure America’s warfighter always goes into conflict with significant advantage.

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