

US Navy uses drone to refuel plane during flight

June 7 2021



This Boeing handout photo obtained June 7, 2021 shows the Boeing MQ-25 T1 drone as it transfers fuel to a US Navy F/A-18 Super Hornet three days earlier.

The US Navy successfully used a Boeing drone to refuel an airplane

during flight, the manufacturer said on Monday.

The Boeing MQ-25 T1 [unmanned aircraft](#) linked up with an F/A-18 Super Hornet during a June 4 test flight, "demonstrating the MQ-25 Stingray's ability to carry out its primary aerial refueling mission," the company said in a statement.

The T1 has already completed 25 [test flights](#) evaluating both its aerodynamics and air refueling systems, and is scheduled to be sent by the end of the year to an aircraft carrier in Virginia for further testing.

The Defense Department in 2018 awarded Boeing a \$805 million contract to develop the aircraft.

It is intended to fill the tanker role currently played by the F/A-18, "allowing for better use of the combat strike fighters and helping extend the range of the carrier air wing," Boeing said.

The aircraft's development marks another step in the increasingly common integration of drones into military activities.

In 2013, a prototype stealth drone, the Northrop Grumman X-47B, made its first landing on a US [aircraft carrier](#).

© 2021 AFP

Citation: US Navy uses drone to refuel plane during flight (2021, June 7) retrieved 6 August 2024 from <https://techxplore.com/news/2021-06-navy-drone-refuel-plane-flight.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.