



Rockwell Collins enables airspace management during test flights for NASA's UAS Traffic Management program

During test flights for NASA's UAS Traffic Management program, Rockwell Collins demonstrated how its CNPC-100 Command and Control (C2) data links and ARINC WebUASSM enables the safe operation of multiple unmanned aircraft in the air flying beyond visual line of sight. [Click to enlarge](#)

- *Supports progress toward the safe integration of commercial UAS into the National Airspace System*

CEDAR RAPIDS, Iowa (April 30, 2018) – Rockwell Collins recently participated in two weeks of critical testing for the NASA Unmanned Aircraft System (UAS) [Traffic Management \(UTM\)](#) program. As part of the test flights, Rockwell Collins served as the UAS Service Supplier (USS) for the safe management of a UAS flying beyond visual line of sight.

Rockwell Collins demonstrated how its [CNPC-1000*](#) Command and Control (C2) data links can be redundantly integrated to provide a fail-safe connection for operating the UAS. For example, if one link gets cut off, the operator still has a connection through another link to assure the safe operation of the UAS. The company also demonstrated how its web-based ARINC WebUASSM flight data display can successfully manage multiple UAS in the air, redirecting aircraft set on conflicting flight paths as needed.

The test event was planned and orchestrated by the [Northern Plains UAS Test Site](#) staff under a NASA contract. The University of Iowa Operator Performance Laboratory (OPL), a key partner for Rockwell Collins, supported integration of the CNPC-1000 C2 links into its Pulse Aerospace Vapor 55 unmanned test vehicle and successfully piloted the aircraft throughout the test event.

“We’re playing a significant role in the research and development of UTM interoperability strategies needed to successfully merge UAS operation into the National Airspace System,” said Boe Svatek, program director, UAS Strategic Programs for Rockwell Collins. “These recent test flights demonstrate that we’re able to leverage safe and proven flight operations management capabilities from our ARINC heritage to ultimately enable airspace integration of all aircraft, traditional and new.”

About Rockwell Collins

Rockwell Collins (NYSE: COL) is a leader in aviation and high-integrity solutions for commercial and military customers around the world. Every day we help

pilots safely and reliably navigate to the far corners of the earth; keep warfighters aware and informed in battle; deliver millions of messages for airlines and airports; and help passengers stay connected and comfortable throughout their journey. As experts in flight deck avionics, cabin electronics, cabin interiors, information management, mission communications, and simulation and training, we offer a comprehensive portfolio of products and services that can transform our customers' futures. To find out more, please visit www.rockwellcollins.com.

* IMPORTANT NOTICE: The CNPC-1000 device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.