Photos of the Day: Connecting with Drones

NASA

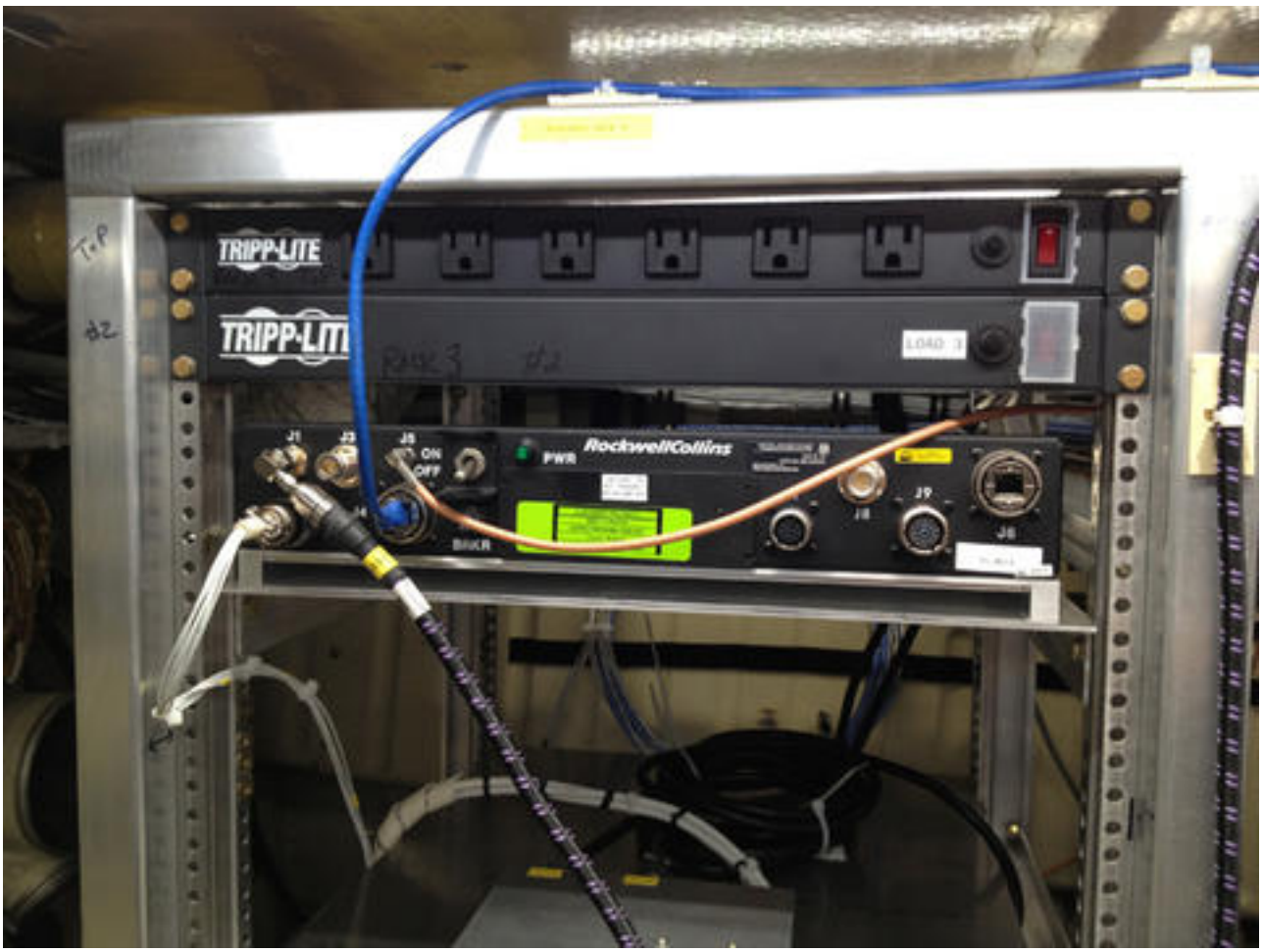
NASA's communications experts have begun flight testing a prototype radio as part of th
toward fully integrating civil and commercial Unmanned Aircraft Systems (UAS) into the N
(NAS). Read the full story here. [1]

Built under a cooperative agreement between NASA and Rockwell Collins in Iowa, the cur
platform to test operations at certain frequencies with specific radio waveforms that are un
in this case command and control of a remotely piloted vehicle.

NASA's S-3 Viking research aircraft at NASA's Glenn Research Center in Cleveland. Image
Murphy

NASA research pilot Al Micklewright concentrates on the flight test plan with a beautiful vie
the S-3 Viking cockpit. Image credit: NASA/Jim Demers

NASA researcher Jim Griner coordinates the testing from his seat behind the cockpit of the
NASA/Steve Walker



The prototype radio, built under a cooperative agreement between NASA and Rockwell Co
the rear section of the S-3 Viking. Image credit: NASA/Jim Griner

This particular radio is one of the first steps to provide the critical communications link for U

safely and securely operate their remotely piloted vehicles in flight even though they a
continents or oceans – apart.

A NASA engineer standing on the trailer assists with raising the communications tower th
research aircraft. Image credit: NASA/Michelle M. Murphy

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