

Red Cat Holdings Subsidiary Skypersonic Demonstrates Remote-Piloted Drone at LoveITDetroit's Aerospace Reception

Skypersonic's groundbreaking Skycopter drone was co-piloted by Italian astronaut Roberto Vittori

DETROIT, Sept. 08, 2022 (GLOBE NEWSWIRE) -- [Red Cat Holdings, Inc.](#) (Nasdaq: RCAT) ("Red Cat" or "Company"), a hardware-enabled software provider to the drone industry, reports that subsidiary company [Skypersonic](#) demonstrated its [Skycopter](#) drone for a VIP audience at an aerospace reception hosted by the Consulate of Italy in Detroit on the evening of Sept. 7.

As part of the consulate's [LoveITDetroit](#) initiative – a month-long celebration of "Made in Italy in the United States and the Metaverse" – Skypersonic, which is headquartered in Detroit with a European office in Turin, Italy, was also represented in a panel discussion on Italian innovation in space exploration.

Skypersonic Founder and CEO Giuseppe Santangelo joined other distinguished panelists including General [Roberto Vittori](#), OMRI, an Italian Air Force officer and ESA astronaut; Simonetta Di Pippo, an Italian astrophysicist and former director of the United Nations Office for Outer Space Affairs (UNOOSA); and Vicky Selva, executive director of Michigan Defense Center.

"It was an honor to be invited onto that panel, and the invitation reflects Skypersonic's recent achievements in the aerospace sector," said Santangelo. "Last year, our company signed a five-year contract with NASA to provide drone and rover software, hardware and support to [NASA's simulated Mars mission](#). Then, just last month, we [announced](#) that we'd successfully validated our technology during 15 days of testing on Mt. Etna, an active volcano in Sicily whose landscape is similar to Martian geology."

Following LoveITDetroit's aerospace panel discussion, Skypersonic's groundbreaking Skycopter drone was demonstrated for the by-invitation-only audience. A formation of three Skycopters flew around the breathtaking physical environment that was designed for LoveITDetroit by renowned Italian architect and designer Roberto Palomba. The swarm was co-piloted by Vittori, who has participated in three space flights since the ESA selected him to join the European Astronaut Corps in 1998. To prepare for the Skycopter demonstration flight at LoveITDetroit, Vittori spent half a day in training with Skypersonic's team in Turin.

"[The Skycopter is] certainly a winning combination with great potential for both terrestrial and space developments," said Vittori. "Tested both in the external observer mode and through the 'goggles' – virtually as a pilot inside the drone – it really is an excellent machine."

The Skycopter drone can be piloted virtually anywhere, from virtually anywhere, as the

Skypersonic team recently demonstrated on Mt. Etna in July. Using Skypersonic's revolutionary Long Range Real-Time Remote Piloting System, the drone on the active volcano in Italy was controlled by personnel in Houston, Texas, in real time. Whereas most drones cannot be piloted without connecting to the GPS network, Skycopter uses technology that is able to control and track the drone in locations – such as Mars – where GPS is not available.

About Skypersonic

Headquartered in Detroit with a European office in Turin, Italy, [Skypersonic](#) is a leader in the use of drones for industrial inspections and first response emergency situations, as well as in "Remotely Flying Drones Anywhere™" via its ground-breaking Long Range Real-Time Remote Piloting System. Skypersonic's flagship is the Skycopter: a drone with a tiltable video camera that is designed to work in extreme conditions and ultra-tight spaces. It is enclosed and protected by an external aerodynamic, ultra-light and ultra-resistant cage to ensure safety and avoid damage to inspected structures and to the airframe itself. It is also fitted with an ultra-bright 360° LED lighting system for applications in complete darkness, and sensors to detect gases and radiation can also be added. Skycopter uses Skyloc technology: a real-time location and monitoring system able to control and track with extremely high accuracy the movements of the drone in indoor scenarios or where GPS is not available. Skypersonic also invented the first-ever worldwide civil real-time remote piloting system that allows piloting in FPV (first-person view) any drone (not just the Skycopter) located anywhere from a generic internet station located anywhere.

About Red Cat Holdings, Inc.

Red Cat provides drone-based products, services, and solutions through its four subsidiaries and services the enterprise, military, and consumer markets. Teal Drones is a leader in unmanned aircraft systems (UAS), and its Golden Eagle is one of only five drones approved by the Department of Defense for reconnaissance, public safety, and inspection applications. Skypersonic's technology enables drones to complete inspection services in locations where GPS is not available, yet still record and transmit data even while being operated from thousands of miles away. Fat Shark is a leading provider of First Person View (FPV) video goggles. Rotor Riot, LLC is a reseller of FPV drones and equipment, primarily to the consumer marketplace. Learn more at www.redcatholdings.com.

Forward Looking Statements

This press release contains "forward-looking statements" that are subject to substantial risks and uncertainties. All statements, other than statements of historical fact, contained in this press release are forward-looking statements. Forward-looking statements contained in this press release may be identified by the use of words such as "anticipate," "believe," "contemplate," "could," "estimate," "expect," "intend," "seek," "may," "might," "plan," "potential," "predict," "project," "target," "aim," "should," "will" "would," or the negative of these words or other similar expressions, although not all forward-looking statements contain these words. Forward-looking statements are based on Red Cat Holdings, Inc.'s current expectations and are subject to inherent uncertainties, risks and assumptions that are difficult to predict. Further, certain forward-looking statements are based on assumptions as to future events that may not prove to be accurate. These and other risks and uncertainties are described more fully in the section titled "Risk Factors" in the final prospectus related to the public offering filed with the Securities and Exchange Commission. Forward-looking statements contained in this announcement are made as of this date, and

Red Cat Holdings, Inc. undertakes no duty to update such information except as required under applicable law.

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