



Sceye Completes Historic 12-Day, 6,400 Mile Stratospheric Flight, Advancing a New Layer of Infrastructure for Humanity

Descrizione

COMUNICATO STAMPA - CONTENUTO PROMOZIONALE

Sceye's mission underscores progress in long-duration stratospheric operations ahead of pre-commercial telecom flight this Summer

MORIARTY, N.M., April 13, 2026 /PRNewswire/ - Sceye, a U.S. aerospace and materials science company specializing in High-Altitude Platform Systems (HAPS) for telecommunications and real-time environmental monitoring, today announced the successful completion of its Endurance Program, during which Sceye's SE2 HAPS traversed over 6,400 miles in the stratosphere from New Mexico to the coast of Brazil, marking a record flight time of over 12 days. Sceye successfully spent over 88 hours staying over an area of operation, including one full diurnal over New Mexico and three consecutive diurnals off the Brazilian coast before completing a planned and controlled flight termination.

The Endurance Program built on Sceye's 2024 Control Dynamics Program, where Sceye's HAPS became the first to close the power loop in the stratosphere by staying powered through a full day-night cycle while maintaining position over an area of operation. The mission demonstrates the company's significant advances towards commercial deployment, delivering the configuration, operations protocols, and data required to move towards months-long flights.

"This is the defining step toward unlocking the stratosphere as a new layer of infrastructure," said Mikkel Vestergaard Frandsen, Founder and CEO of Sceye. "Endurance is what makes this possible. The ability to remain over an area for extended periods enables persistent connectivity and real-time monitoring where traditional networks and existing technologies fall short. Through the stratosphere, we can extend the reach of existing networks globally to billions of people that are unconnected and provide real-time actionable insights that significantly improve how we prepare for and respond to wildfires or other natural disasters."

During Sceye's SE2 flight, which launched March 25, 2026 at 8:26 AM MT from New Mexico, Sceye:

This flight concluded Sceye's Endurance Program, which focused on aligning flight duration with commercial requirements and establishing a stable platform configuration for long-duration operations. Sceye now has all required data and configuration requirements to advance towards months and eventually years-long flights.

"With this mission, we're confidently moving forward to our pre-commercial test flights, the first of which is set to launch this summer," continued Frandsen. "This milestone is everything we've worked towards. This is a huge accomplishment not just for Sceye, but for the fast-growing stratospheric industry. Thank you to our investors, partners, customers, team, and the agencies that made this success possible."

Across the Endurance Program, Sceye advanced core systems, including power management, flight control, thermal management, and manufacturing, reducing risk and improving readiness for commercial operations. Recently, Sceye unveiled SceyeCELL, its first-of-its-kind cell tower in the sky antenna designed to bring high-speed connectivity at scale from the stratosphere.

Sceye is now preparing for its first pre-commercial test flight in Japan, with the goal to provide a successful backhaul connection into SoftBank Corp.'s core network and run demonstrations for expanded connectivity during emergency and disaster response scenarios.

About SceyeFounded in 2014, Sceye (pronounced "sky") is an aerospace company dedicated to advancing stratospheric technology to connect people and protect the planet. Sceye leads the High-Altitude Platform Systems (HAPS) industry, focusing on universal connectivity, climate monitoring, natural resource management, and disaster prevention.

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Photo

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