November 18, 2025

Spire Global Ships Nine Satellites to Launch Site

Included in the satellites is Spire's next-generation Hyperspectral Microwave Sounder — a compact, space-ready sensor built to demonstrate global weather forecasting from space

VIENNA, Va.--(BUSINESS WIRE)-- Spire Global, Inc. (NYSE: SPIR) ("Spire" or "the Company"), a leading global provider of space-based data, analytics, and space services, announced that nine satellites designed and built by Spire's in-house manufacturing teams have shipped to Vandenberg Space Force Base in California ahead of their launch aboard SpaceX's upcoming Falcon 9 Twilight mission.

The mission includes the Company's Hyperspectral Microwave Sounder (HyMS) satellite demonstrator, a compact, space-ready sensor built to advance global weather forecasting from space. Developed in collaboration with the UK Science and Technology Facilities Council's RAL Space and STAR-Dundee Ltd., HyMS is designed to capture detailed internal views of the Earth's atmosphere, measuring important atmospheric variables including temperature, humidity, and precipitation. As a first-of-its-kind hyperspectral microwave mission, it will aim to help forecasters better understand how weather systems form and evolve in real time.

"HyMS marks a meaningful step in expanding how we observe Earth's atmosphere from space," said Theresa Condor, Chief Executive Officer of Spire Global. "Two of the most impactful sources of data for improving forecast accuracy are radio occultation and microwave observations, areas where Spire is uniquely positioned to lead. This mission is a critical milestone on that path to delivering deeper atmospheric insights from space."

In addition to the HyMS demonstrator, the Falcon 9 Twilight launch will include seven Spire-built satellites for customers and one constellation replenishment satellite supporting the Company's operational data missions. All the satellites were designed, built, and tested by Spire's teams in Glasgow, Scotland.

With over 200 satellites launched across more than 40 launch campaigns, Spire's vertically integrated approach – designing, manufacturing, testing, and operating satellites in-house – enables rapid iteration and deployment of new technology that helps customers across government and commercial sectors make faster, data-driven decisions.

About Spire Global, Inc.

Spire (NYSE: SPIR) is a global provider of space-based data, analytics and space services, offering unique datasets and powerful insights about Earth so that organizations can make decisions with confidence in a rapidly changing world. Spire builds, owns, and operates a fully deployed satellite constellation that observes the Earth in real time using radio frequency technology. The data acquired by Spire's satellites provides global weather

intelligence, ship and plane movements, and spoofing and jamming detection to better predict how their patterns impact economies, global security, business operations and the environment. Spire also offers Space as a Service solutions that empower customers to leverage its established infrastructure to put their business in space. Spire has offices across the U.S., Canada, UK, Luxembourg and Germany. To learn more, visit spire.com.

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