

U.S. Air Force's First Advanced GPS III Satellite Shipped To Cape Canaveral For Launch

Lockheed Martin-Built GPS III Will Be More Powerful, Jam Resistant



Lockheed Martin shipped the U.S. Air Force's first GPS III to Cape Canaveral, Florida ahead of its expected December launch.

CAPE CANAVERAL, Fla., Aug. 27, 2018 /PRNewswire/ -- The first of the U.S. Air Force's advanced new, higher-power, harder-to-jam GPS III satellites is making its way to the launch pad.

On August 20, Lockheed Martin (NYSE: LMT) shipped the U.S. Air Force's [first GPS III space vehicle \(GPS III SV01\)](#) to Cape Canaveral for its expected launch in December. Designed and built at Lockheed Martin's GPS III Processing Facility near Denver, the satellite was shipped from Buckley Air Force Base, Colorado, to the Cape on a massive Air Force C-17 aircraft.

GPS III will be the most powerful and resilient GPS satellite ever put on orbit. Developed with an [entirely new design](#) for U.S. and allied forces, it will have three times greater accuracy and up to eight times improved anti-jamming capabilities over the previous GPS II satellite design block, which makes up today's GPS constellation.

GPS III also will be the first GPS satellite to broadcast the new L1C civil signal. Shared by other international global navigation satellite systems, like Galileo, the L1C signal will improve future connectivity worldwide for commercial and civilian users.

"Once on orbit, the advanced technology of this first GPS III space vehicle will begin playing a major role in the Air Force's plan to modernize the GPS satellite constellation," said Johnathon Caldwell, Lockheed Martin's program manager for Navigation Systems. "We are excited to start bringing GPS III's new capabilities to the world and proud to continue to serve as a valued partner for the Air Force's positioning, navigation and timing mission systems."

GPS III SV01 is the first of [ten new GPS III satellites](#) under contract and in full production at Lockheed Martin.

For additional GPS III information, photos and video visit: www.lockheedmartin.com/gps.

About Lockheed Martin

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 100,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. This year the

company received three Edison Awards for ground-breaking innovations in autonomy, satellite technology and directed energy.

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