

Protected Globally: AEHF-6 Satellite Actively Communicating With U.S. Space Force

The AEHF constellation is a critical national security asset that provides 24x7, global coverage

SCHRIEVER AIR FORCE BASE, Colorado, Mar. 26, 2020

– The first national security launch for the U.S. Space Force and the [final satellite](#) to build out the protected communications constellation is now connected.

The sixth Lockheed Martin (NYSE:LMT)-built Advanced Extremely High Frequency (AEHF-6) satellite [launched](#) from Cape Canaveral Air Force Station, Florida at 4:18 p.m. ET. AEHF-6 successfully separated from its United Launch Alliance Atlas V 551 rocket approximately five hours and 45 minutes after launch and is now responding to commands from ground control.

“This is a great milestone to share with the U.S. Space Force’s Space and Missiles Systems Center,” said Mike Cacheiro, Vice President for Protected Communications at Lockheed Martin Space. “I am incredibly proud of the teams that made this happen over the many years supporting the program. It is a bittersweet moment and I look forward to working with the Space Force to continue deliver this system on orbit, and increase our nation’s overall survivable and protected.”

The [AEHF-6 satellite](#) adds increased resiliency and advanced capabilities to the AEHF-MILSTAR constellation which ensures the ability to transmit data anywhere, anytime. This marks the first launch under U.S. Space Force control.

AEHF-6 is part of the [protected communications network](#) providing global, survivable, protected communications capabilities for national leaders and tactical warfighters operating across ground, sea and air platforms.

AEHF-5, launched in 2019 and [recently handed over for operations](#), formed the global, anti-jam system, which is an asset shared by international allies to include Canada, the Netherlands, United Kingdom and Australia.

Lockheed Martin developed and manufactured all six satellites at their production facility located in Sunnyvale, California. The [satellite shipped](#) to Cape Canaveral Air Force Station on a Super Galaxy C-5 aircraft from the 60th Air Mobility Wing at Travis Air Force Base.

Lockheed Martin is the prime contractor for the AEHF system, and the AEHF team is led by the Production Corps, Medium Earth Orbit Division, at the Space Force’s Space and Missile Systems Center, at Los Angeles Air Force Base.

For additional information, photos and video visit: www.lockheedmartin.com/aehf

About Lockheed Martin

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 110,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.



The sixth Lockheed Martin-built Advanced Extremely High Frequency (AEHF-6) protected communications satellite launched on March 26.

https://news.lockheedmartin.com/AEHF6_satellite_successfully_launched