

# U.S. Army Declares Lockheed Martin's PAC-3 MSE Initial Operational Capability

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DALLAS, Aug. 16, 2016 /PRNewswire/ -- The U.S. Army recently declared Initial Operational Capability (IOC) for the Lockheed Martin (NYSE: LMT) PAC-3 Missile Segment Enhancement (MSE) interceptor.

"This is an extremely significant milestone in the maturity of our PAC-3 MSE interceptor, providing the warfighter with a more advanced hit-to-kill interceptor against the full spectrum of lower-tier threats," said Scott Arnold, vice president of PAC-3 programs at Lockheed Martin Missiles and Fire Control. "PAC-3 MSE reaching IOC is important because it gives our soldiers an operational capability against imminent threats."

The [PAC-3 Missile](#) is a high-velocity interceptor that uses [hit-to-kill technology](#) to defend against incoming threats including tactical ballistic missiles, cruise missiles and aircraft. The U.S Army selected PAC-3 in 1994 to increase the intercept capability in the heritage Patriot system against TBMs. In 2003, Lockheed Martin received a contract to increase the altitude and range of the PAC-3 missile. PAC-3 MSE achieved Milestone C in early 2014 and Lockheed Martin received the first U.S. contract that same year.

PAC-3 MSE includes a larger, more powerful dual-pulse solid rocket motor for added thrust, along with larger fins and other structural modifications to increase agility. These enhancements nearly double the PAC-3's reach and dramatically improve performance against evolving threats.

As a world leader in systems integration and development of air and missile defense systems and technologies, Lockheed Martin delivers high-quality [missile defense solutions](#) that protect citizens, critical assets and deployed forces from current and future threats. The company's experience spans missile design and production, infrared seekers, command and control/battle management, and communications, precision pointing and tracking optics, radar and signal processing, as well as threat-representative targets for missile defense tests.

For additional information, visit our website: [www.lockheedmartin.com](http://www.lockheedmartin.com).

## About Lockheed Martin

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