Lockheed Martin's Proven Missile Defense Solutions On Display At AIAA/MDA Event

Lockheed Martin is participating in the 5th annual U.S. Missile Defense Conference hosted by the American Institute of Aeronautics and Astronautics (AIAA) and the Missile Defense Agency this week in Washington, D.C.

"Lockheed Martin plays a critical role in all three segments of the nation's ballistic missile defense system (BMDS) being used today," said Dave Kier, vice president of Missile Defense for Lockheed Martin. "In addition to the products that comprise its operational defense systems, Lockheed Martin provides the backbone systems that integrate the sensors, command and control, and weapon system elements of the BMDS. The corporation is also focused on next-generational capabilities, and provides targets and other methods necessary for testing system elements."

The following products will be on display in the Lockheed Martin booth:

The PAC-3 Missile - The program was recently awarded a Fiscal Year 2007 contract to produce 112 PAC-3 Missiles for the U.S. Army. Upcoming program milestones include two flight tests this summer.

The PAC-3 Missile Segment Enhancement (MSE) - The PAC-3 MSE missile was selected as the primary interceptor for the Medium Extended Air Defense System (MEADS) in 2006. Upcoming milestones include its first flight test this summer.

Sea-Based Hit-to-Kill (SBHTK) - Lockheed Martin recently completed a Navy funded feasibility study that clearly demonstrates the ability to successfully integrate the PAC-3 MSE missile into the Aegis Weapon System Standard Missile infrastructure. This proven solution will meet the Navy's requirement for Sea- Based Terminal defense.

Terminal High Altitude Area Defense (THAAD) - The THAAD Weapon System has enjoyed consistent flight test success since 2005. In January, THAAD successfully conducted its first flight test at the Pacific Missile Range Facility, intercepting a unitary target in the high Endo-atmosphere. Upcoming milestones include three additional flight tests this year.

Medium Extended Air Defense System (MEADS) - The advanced air and missile defense system under development by Germany, Italy and the United States includes high-firepower launchers, 360-degree fire control and surveillance radars, and plug-and-fight battle management command and control abilities not found in current systems. Its broadband plug-and-fight communication network will enable netted-distributed communications for inter-system operations, as well as within MEADS. The program is on track for Preliminary Design Review later this year.

Command, Control, Battle Management & Communications (C2BMC) - As the lead for the Missile Defense National Team, Lockheed Martin is working to devise and field an operational structure that links the numerous sensors, weapons and command and control systems currently utilized in the individual U.S. missile defense programs, or elements. This effort involves the integration of hardware and software elements that will tie together the entire global missile defense system, and enable it to function effectively and instantaneously.

Aegis BMD Weapon System - The program was awarded $979,175,217 in February for continued development and evolution of the Aegis BMD Weapon System. This year's milestones include three U.S. Navy flight tests and the first flight test with Japan's Aegis BMD capability.

Targets and Countermeasures - MDA's Targets and Countermeasures Program provides realistic targets for testing of the Ballistic Missile Defense System being developed by the MDA to defend against all classes of ballistic missiles. The program has achieved a 100 percent mission success record since launching its first target in 2005.

Multiple Kill Vehicle (MKV) - Initial testing of the kill vehicle divert thruster for the MDA's Multiple Kill Vehicle payload system was completed in 2006. In the event of an enemy launch, a single interceptor equipped with the Multiple Kill Vehicle Payload System will destroy the enemy lethal reentry vehicle along with any countermeasures deployed to try to spoof the missile defense system.

Our operational systems were proven in battle during Operation Iraqi Freedom, protecting U.S. and allied soldiers in their defining moments. Our next-generation systems have amassed an outstanding test success rate during their development and demonstration phases. This established ability to develop and produce effective systems will

allow Lockheed Martin to deliver missile defense protection to the Warfighter today and tomorrow.

Lockheed Martin is a world leader in systems integration and the development of air and missile defense systems and technologies, including the first operational hit-to-kill missile defense system. It also has considerable experience in missile design and production, infrared seekers, command and control, battle management, and communications, precision pointing and tracking optics, as well as radar and signal processing. The company makes significant contributions to major U.S. missile defense systems and participates in several global missile defense partnerships.

Headquartered in Bethesda, Md., Lockheed Martin employs about 140,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The corporation reported 2006 sales of $39.6 billion.

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