



Raytheon Delivers Active Denial System 2 to U.S. Air Force

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TUCSON, Ariz., Sept. 11, 2007 /PRNewswire/ -- Raytheon Company (NYSE: RTN) delivered its non-lethal Active Denial System 2 to the U.S. Air Force Aug. 31. Raytheon's Active Denial System is designed to use millimeter wave technology to repel individuals without causing injury.

Active Denial System 2 is an enhanced, ruggedized version of the initial active denial capability that Raytheon built for the Air Force under the Office of the Secretary of Defense's Advanced Concept Technology Demonstration program.

"Raytheon has led the way in maturing this technology. Active Denial System 2 is now ready to provide the warfighter with a new, non-lethal force protection capability," said Raul Mendoza, Raytheon's Non-lethal Systems director. "The Raytheon team, which includes suppliers and key government agencies, has worked very hard to meet this critical milestone."

The Active Denial System emits a focused beam of millimeter wave energy that penetrates the skin to 1/64th of an inch, producing an intolerable heating sensation that causes targeted individuals to flee. The Advanced Concept Technology Demonstration program has conducted extensive human effects safety testing and extended user evaluations in field conditions.

The program has focused on developing and fielding the U.S. military's first extended range, non-lethal, directed energy platform independent system. Under oversight of the Joint Non-lethal Weapons Directorate, the Air Force is designated as the lead service for the program.

"We are very pleased with the way the Raytheon team has worked as systems integrators to reach this important milestone. Active Denial System 2 incorporates design improvements enabling the system to be employed in all operational environments," said Col. Kirk Hymes, director of the Joint Non-lethal Weapons Directorate. "This represents a major step forward in providing the warfighter with a viable, non-lethal, extended range, active denial capability."

Raytheon's Active Denial System 2 provides military, civilian law enforcement, and security organizations with a truly non-lethal system that is optimized for situations where the use of lethal force may not be appropriate or warranted.

Raytheon Company, with 2006 sales of \$20.3 billion, is a technology leader specializing in defense, homeland security and other government markets throughout the world. With a history of innovation spanning 85 years, Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems, as well as a broad range of mission support services. With headquarters in Waltham, Mass., Raytheon employs 73,000 people worldwide.

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