

## **Boeing Demonstrates New Training Capability**

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The Boeing Company [NYSE: BA] has successfully conducted its first integrated Live, Virtual and Constructive (LVC) training proof-of-concept demonstration, laying the foundation for more efficient military training operations.

The demonstration, an industry first, used existing technologies to network an F-15E aircraft (live) with an F-15E simulator (virtual) while integrating computer-generated threats (constructive) into both environments.

"Today's event marked a huge leap in demonstrating Boeing's state-of-the-art technology that supports the U.S. Department of Defense vision of LVC training capabilities," said Tony Jones, Boeing vice president, Training Systems & Services. "To be able to link a real aircraft with a simulator and train is amazing. Most people just talk about this capability, but Boeing is delivering it."

During the demonstration, Boeing technicians connected the live F-15E aircraft to a facsimile of the Distributed Mission Operations Network, which allows pilots to train together around the globe. The live aircraft and the manned F-15E simulator, operating as a wingman, targeted and destroyed the simulated threats that appeared on their respective radar displays.

The technology behind the LVC demonstration significantly decreases the number of live assets needed to run a multi-ship training operation. With this capability, a training exercise that would have required six operational aircraft and aircrew now requires only one.

"This proof-of-concept paves the way for enhancing operational training flight hours and reducing the overall costs of live training," said Jones.

A unit of The Boeing Company, Boeing Integrated Defense Systems is one of the world's largest space and defense businesses specializing in innovative and capabilities-driven customer solutions. Headquartered in St. Louis, Boeing Integrated Defense Systems is a \$32.4 billion business with 72,000 employees worldwide.

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