Lockheed Martin And Red 6 Announce Augmented Reality Integration Progress For TF-50

New video demonstrates Lockheed Martin's vision for TF-50 augmented reality pilot training with Red 6 technology integration

ORLANDO, Fla., Feb. 12, 2024 – Lockheed Martin (NYSE: LMT) and Red 6 today announced a recently completed a groundbreaking effort to integrate the latest Red 6 augmented reality (AR) training technology with a TF-50 simulator. This phase-one milestone facilitates broader evaluation of AR applications and accelerates their integration into the TF-50 aircraft design – all in support of increasing pilot readiness with the least amount of flight hours.

"This milestone demonstrates Lockheed Martin's commitment to meeting customer needs and advancing 21st Century Security solutions through purposeful digital investments and strategic partnerships," said OJ Sanchez, vice president and general manager, Integrated Fighter Group at Lockheed Martin. "Technology integration such as this ensures that with the TF-50, pilots have the right tools to enable faster, more efficient training for fourth and fifth generation fighter missions and beyond."

Lockheed Martin is offering the TF-50 for upcoming, advanced fighter training programs of the U.S. Air Force, U.S. Navy and several international customers. The TF-50 is uniquely configured as a light attack fighter and an advanced trainer with modern enhancements. To learn more about the TF-50, visit www.lockheedmartin.com/tf-50.

"Red 6 is ushering in a new paradigm with technology that will address current production, absorption and experience challenges facing military flight training," stated Daniel Robinson, founder and CEO of Red 6. ATARS is the technology that for the first time ever, enables a complete live virtual and constructive ecosystem in the airborne environment – from beyond visual range to within visual range. "We will continue to pursue our vision of connecting all warfighters across all domains into joint training and operational environments – all underpinned by our state-of-the-art AR technology," continued Robinson.

Red 6 is an LM Ventures portfolio company. Since announcing their partnership, Red 6 and Lockheed Martin continue close collaboration on advanced mission training across live, virtual and constructive environments and recently announced an expanded partnership through a new Mentor-Protégé agreement.

About Lockheed Martin

Lockheed Martin is a global defense technology company driving innovation and advancing scientific discovery. Our all-domain mission solutions and 21st Century Security vision accelerate the delivery of transformative technologies to ensure those we serve always stay ahead of ready. More information at Lockheedmartin.com.

About Red 6

Red 6, founded in 2018, is the creator of Airborne Tactical Augmented Reality System (ATARS) and Augmented Reality Command and Analytic Data Environment (ARCADE). Red 6 systems are the first wide field-of-view, full color demonstrably proven outdoor augmented reality solution that operate in dynamic outdoor environments. Together, they bring virtual and constructive assets into the real-world by allowing pilots and ground operators to see synthetic threats in real-time, outdoors, and critically, in high-speed environments.

Additional assets available online: Video (1)