



Kratos New Rotary Wing Combat Mission Training Hones Aircrew Expertise

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Air and ground crews can now collectively train in this mixed reality environment

SAN DIEGO, Nov. 16, 2020 (GLOBE NEWSWIRE) -- Kratos Defense & Security Solutions, Inc. (Nasdaq: KTOS), a leading National Security Solutions provider, today introduced its Aircrew Combat Mission Training (ACMT) system that utilizes advanced immersive training technology to allow teams to train together in highly realistic, mixed reality combat scenarios. Offered as a turn-key solution, the system includes a mixed reality Multi-Position - Aircrew Virtual Environment Trainer (MP-AVET) integrated with a mixed reality Ground Party Simulator (GPS).



An actual UH-1 helicopter inside the blue electroluminescent interior of the Kratos immersive environment.

The system is based on the Kratos Immersive Technology Platform that unites best-in-class commercial products with the latest immersive technologies. The platform enables Kratos to create highly realistic training environments that seamlessly combine real and virtual components in immersive environment scenarios that go beyond augmented reality (AR) or virtual reality (VR) experiences in actual mission fidelity. Based on industry standards and using pre-integrated technologies, solutions built on the Kratos platform are highly realistic, cost-effective and built to be easily transported to the customer's point of need (PoN).

For example, in the MP-AVET an actual rotorcraft fuselage is surrounded by a Kratos immersive holodeck. The aircrew performs their assigned duties in the physical aircraft outfitted with seat-shaker technology, weapon recoil and windloading to mimic vibration and forces of aerial weapons employment during flight. The entire aircrew performs highly realistic virtual air interdiction, air assault and close air support mission scenarios. Simultaneously, the helicopter flight engineers work physical weapons while firing at virtual air and ground targets. The MP-AVET works in tandem with Kratos' Ground Party Simulator allowing ground personnel including Joint Terminal Attack Controllers (JTACs), Forward Observers, Fire Teams and Combat Controllers to collectively train with their aircrew as they would engage with them in live fire situations. In this mixed reality environment, the aircrew and ground party train together, experiencing the sights, sounds and haptics of simulated combat missions, while saving the cost of flight time, fuel, ammunition and more.

Currently offered as a turn-key service, Kratos' ACMT can accommodate different aircraft platforms, including the H-1 and the H-60 helicopters among others. When configured for the H-1 it can simultaneously train up to two pilots and two flight engineers (FE) at their crew positions in the same immersive environment. When coupled with the physical aircraft and weapons, the system increases combat mission training effectiveness and enhances the aircrew's ability to anticipate, recognize and react to threats in a fully immersive, simulated tactical environment. For more information about Kratos aircrew training solutions visit <https://www.kratosdefense.com/aircrewtraining>.

In discussing the capability, Wade Koch, Vice President of Business Development, Kratos Training Solutions, said: "For the first time, helicopter aircrews can train together in a completely immersive, collective, training environment. The immersive environment supports initial, continuation and mission rehearsal training using a real aircraft fuselage, flight deck, flight controls, cabin and

simulated weapons. Depending on customer requirements, the turn-key service includes logistics support, courseware development support and ground-based academics/mission instruction.”

Kratos develops advanced, cost-effective training solutions, such as the MP-AVET and GPS, for U.S. and allied forces to enhance warfighter readiness and survivability. Kratos is driving innovation in military simulation and training programs by blending the latest immersive technologies with its Common Open Architecture content development process and advanced simulation systems for air, ground, maritime and soon space domains.

About Kratos Defense & Security Solutions

Kratos Defense & Security Solutions, Inc. (NASDAQ:KTOS) develops and fields transformative, affordable technology, platforms and systems for United States National Security related customers, allies and commercial enterprises. Kratos is changing the way breakthrough technology for these industries are rapidly brought to market through proven commercial and venture capital backed approaches, including proactive research and streamlined development processes. At Kratos, affordability is a technology and we specialize in unmanned systems, satellite communications, cyber security/warfare, microwave electronics, missile defense, hypersonic systems, training, combat systems and next generation turbo jet and turbo fan engine development. For more information go to www.KratosDefense.com.

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Certain statements in this press release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are made on the basis of the current beliefs, expectations and assumptions of the management of Kratos and are subject to significant risks and uncertainty. Investors are cautioned not to place undue reliance on any such forward-looking statements. All such forward-looking statements speak only as of the date they are made, and Kratos undertakes no obligation to update or revise these statements, whether as a result of new information, future events or otherwise. Although Kratos believes that the expectations reflected in these forward-looking statements are reasonable, these statements involve many risks and uncertainties that may cause actual results to differ materially from what may be expressed or implied in these forward-looking statements. For a further discussion of risks and uncertainties that could cause actual results to differ from those expressed in these forward-looking statements, as well as risks relating to the business of Kratos in general, see the risk disclosures in the Annual Report on Form 10-K of Kratos for the year ended December 29, 2019, and in subsequent reports on Forms 10-Q and 8-K and other filings made with the SEC by Kratos.

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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/5c85673d-ba46-47d9-b4f4-15b03d94f5bf>



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