

Marines Test JAGM From AH-1Z Viper



Marine Corps aviation ordnance Marines assigned to Marine Operational Test & Evaluation Squadron One (VMX-1) conduct operational checks on an AH-1Z Viper to ensure the aircraft remains ready during the operational test and evaluation of the joint air-to-ground missile, Nov. 4. *U.S. MARINE CORPS / Maj. Jay Hernandez*

ARLINGTON, Va. – Marines from Marine Operational Test & Evaluation Squadron 1 (VMX-1) conducted an operational test and evaluation of the joint air-to-ground missile (JAGM) from an AH-1Z Viper, Nov. 3-7 at Eglin Air Force Base in Florida, the Corps announced Dec. 2.

VMX-1 fired and evaluated the JAGM to determine its suitability and effectiveness to support expeditionary

advanced base operations, such as conducting sea denial operations within the littorals and supporting sea control operations.

Personnel from Air Test and Evaluation Squadron 21 (HX-21), Naval Air Systems Command Direct and Time-Sensitive Strike program office (PMA-242), Army Program Executive Office Missiles and Space, Air Force 780th Test Squadron, as well as industry partners, were on location to observe and analyze the data from the test event. This event can lead to significant improvements in lethality of attack helicopters by arming them with newer munitions equipped with two sensor technologies and optimizes missile performance on maritime targets.

“Watching these professionals from across the services and industry come together to test the effectiveness and work on improvement for this weapon system is truly a phenomenal experience,” said VMX-1 Commanding Officer Col. Byron Sullivan. “The team is doing everything possible to ensure this capability will be the needed upgrade that enhances our ability to use precision strikes against fast-moving maritime targets.”

The team observed the test from locations across Eglin Air Force Base, honing in on weather considerations, telemetry and instrumentation, coordinating with the pilots, and observing the impact zone. Ultimately, the data collected will be analyzed to determine overall system effectiveness and develop the tactics, techniques, and procedures for its employment.

“Executing this type of concept development is very critical to get it right on paper and put more effective systems in the hands of the warfighter,” said Maj. Thomas Hutson, the Assault Support department head at VMX-1 and member of the JAGM test team.

This test is part of a larger effort to upgrade the AH-1Z and UH-1Y aircraft, in alignment with the Commandant’s vision of

force modernization vision to maintain a competitive edge against potential adversaries.

The mission of VMX-1 is to conduct operational test and evaluation of Marine Corps aviation platforms and systems.