

JOINT ATTACK MUNITION SYSTEMS

The JAMS Project Office provides an unprecedented level of service and support as the Life Cycle Manager for the Joint Warfighter's Rocket and Missile Systems.

Mission

The Joint Air-to-Ground Missile (JAGM) provides the capabilities of legacy air-to-ground missiles in a single variant to include precision point targeting, fire-and-forget technology, and increased lethality and range for fixed-wing, rotary-wing aircraft, and unmanned aerial systems (UAS).

The Laser HELLFIRE provides attack helicopter point target precision strike missile capability to defeat a selected wide array of targets. The Longbow HELLFIRE provides the warfighter with an air-to-ground precision missile system to engage and defeat individual advanced-armor, hard-point targets while increasing aircraft survivability.

The 70-mm Hydra Rocket provides air-to-ground suppression, smoke screening, illumination, and direct and indirect fires to defeat area materiel and personnel targets at close and extended ranges.

The Viper Strike is an aerial-launched munition, integrated on both manned and unmanned platforms, capable of attacking moving and stationary targets ranging from armored to thin-skinned vehicles and troops in the open, with precision-point targeting and minimized collateral damage.

Griffin provides versatility through a reliable, lightweight, multi-effects missile with selectable fuze settings, precise Global Positioning System (GPS) guidance that permits non-line-of-sight employment and Semi-Active Laser (SAL) targeting for pinpoint accuracy and it can be launched from many fixed wing, rotary, vehicle or ground launchers.



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PROGRAM EXECUTIVE OFFICE MISSILES AND SPACE



Any Warfighter - Anywhere - All the Time

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The JAMS Project Office manages the 70-mm Hydra Rocket (formerly 2.75-inch Rocket), HELLFIRE Missile, Viper Strike Munition, Griffin Missile, the Joint Air-to-Ground Missile (JAGM), and their associated test and support equipment. The 70-mm Hydra Rocket is a free-flight rocket with multiple warhead configurations that has become the standard, ground-attack rocket since its first use in the Korean War. It is a conventional ammunition item used by all U.S. Services and many countries. According to Army Aviation Commanders, Hydra is the primary insurgent killer for Army helicopters. Hydra Rockets and HELLFIRE Missiles are the primary armament for the U.S. Army's AH-64 Apache, OH-58D Kiowa Warrior, the U.S. Marine Corps' AH-1W Super Cobra, and the U.S. Navy's UH-60 Blackhawk.

HELLFIRE II

The combat-proven HELLFIRE II Missile is the primary air-to-ground precision weapon for rotary wing and Unmanned Aerial Systems (UASs) for all U.S. services as well as 16 other nations. Over 13,000 missiles have been fired during Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). HELLFIRE is the only missile for multi-mission, multi-target capability and precision-strike lethality on today's joint rotary wing platforms. The AGM-114R multi-purpose HELLFIRE II Missile consolidates the capabilities of all previous HELLFIRE II Semi-Active Laser (SAL) variants into a single missile that defeats a broad range of targets from air defense systems to enemy combatants in the open. The Longbow HELLFIRE is a millimeter wave radar-aided inertial guidance missile that provides a fire-and-forget capability to engage targets both day and night, in adverse weather and with battlefield obscurants present.

JAGM

The Joint Air-to-Ground Missile (JAGM) will be a rotary-wing/UAS, aviation-launched missile system that provides advanced Line-Of-Sight (LOS) and beyond LOS capabilities. JAGM is scheduled to replace aviation launched TOW and the HELLFIRE family of missiles. The JAGM program has a joint requirement with the Navy and USMC.

Viper Strike

The Viper Strike is an aerial-launched munition providing a capability to attack moving and stationary targets ranging from armored to thin-skinned targets (MRLs, TELs, scuds, armored cars, pickup trucks, etc.) in a variety of obscured environments. The Viper Strike System has been effectively demonstrated off numerous platforms to include helicopters, an AC-130 Gunship, and specifically, a Hunter UAS during OIF. In September 2007, Viper Strike became the first weapon ever successfully employed in combat from an Army UAS.

Griffin

The Griffin missile provides precision accuracy through the use of GPS and SAL to give the war fighter advanced, real-time flexibility through selectable options such as fuze settings for Point Detonation, Height-of-Burst and Delay for penetration as well as selectable laser codes. Griffin's weight (34 lbs) and ease of integration makes it ideal for ground, vehicle or aerial platforms where there is a need for a reliable, lightweight precision missile capable of delivering lethal effects with low collateral damage.