

Joint Air-to-Ground Missile (JAGM)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides a single variant, precision-guided, air-to-ground weapon for use by Joint service manned and unmanned aircraft to destroy stationary and moving high-value land and naval targets.

DESCRIPTION

The Joint Air-to-Ground Missile (JAGM) System is a precision-guided munition (PGM) for use on Joint rotary and fixed-wing platforms and unmanned aerial systems (UAS) to destroy high-value stationary, moving, and relocatable land and naval targets. JAGM is the intended replacement for HELLFIRE, air-launched TOW, and Maverick families of missiles.

JAGM will increase the Warfighter's operational flexibility by effectively engaging a variety of stationary and mobile targets on the battlefield from longer ranges, including advanced heavy/light armored vehicles, bunkers, buildings, patrol craft, command and control vehicles, transporter/erector (e.g., SCUD) launchers, artillery systems, and radar/air defense systems. The JAGM System is a Joint program

with the Army, Navy, and Marine Corps and includes missiles, trainers, containers, support equipment, and launchers. Its multimode seeker will provide robust capability in adverse weather, day or night, and in an obscured/counter-measured environment. The warhead is designed for high performance against both armored and non-armored targets, and the firing platform is interoperable with the command, control, communications, computer, intelligence, surveillance, and reconnaissance (C4ISR) network. JAGM will be fielded to the Super Hornet (F/A-18E/F), Apache (AH-64D), and the Super Cobra (AH-1Z) in 2016. Follow-on fieldings of JAGM on the OH-58D Cockpit and Sensor Upgrade Program (CASUP), Seahawk (MH-60R), and the MQ-1C UAS are planned for 2017.

- **Diameter:** 7 inches
- **Weight:** 108 pounds
- **Length:** 70 inches
- **Range:** 500-16,000 meters for rotary wing; 2,000-28,000 meters for fixed-wing

SYSTEM INTERDEPENDENCIES

Other Major Interdependencies

Rotary-wing Launcher/Rack: M299;
Fixed-wing Launcher Rack: Design to be determined

PROGRAM STATUS

- **4QFY08:** Competitive technology development contracts awarded
- **1QFY09:** Integrated baseline review
- **4QFY09:** System requirements review
- **3QFY10:** Preliminary design review
- **1QFY11:** Technology Development Phase completed

PROJECTED ACTIVITIES

- **1QFY12:** Milestone B

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

Joint Air-to-Ground Missile (JAGM)

FOREIGN MILITARY SALES

None

CONTRACTORS

Prime: Raytheon (Tucson, AZ)

Lockheed Martin (Orlando, FL)

Launcher Integration: Boeing (St. Louis, MO)

Rocket Motor: Aerojet (Gainesville, VA)

Alliant Techsystems (Rocket Center, WV)

Ordnance & Tactical Systems: General Dynamics (St. Petersburg, FL)

Warhead: GD-OTS (Niceville, FL)

Seeker: Lockheed Martin (Ocala, FL)

CAS: Moog Inc. (East Aurora, NY)

Optical Assembly: Perkin Elmer (Ohio, OH)

CCAs Distribution: Avnet (Chandler, AZ)
TJM Electronic (Tempe, AZ)

F/W Plat Int: ATK (Woodland Hills, CA)

FPA: CMC Electronics (Mason, OH)

Comp Midbody: GD-ATP (Lincoln, NE)

Final Assembly: Lockheed Martin (Troy, AL)

R/W Launcher: Marvin Engineering
(Inglewood, CA)

FM: Perkin Elmer (Ohio, OH)

Rocket Motor: Aerojet (Camden, AR)

