

# 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 multi-mode seeker will provide robust capability in adverse weather, day or night, and in an obscured/countermeasured 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 Seahawk (MH-60R) and the Sky Warrior 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

## PROJECTED ACTIVITIES

- **1QFY11:** Milestone B

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & 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)

