

Surface Launched Advanced Medium Range Air-to-Air Missile (SLAMRAAM)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

To defeat aerial threats (Cruise Missiles, Unmanned Aerial Vehicles [UAVs], fixed and rotary wing aircraft) to current and future maneuver forces and critical assets; the missile will support a variety of missions at the tactical, operational, and strategic levels of warfare.

DESCRIPTION

The Surface Launched Advanced Medium Range Air-to-Air Missile (SLAMRAAM) will defend designated critical assets and maneuver forces against aerial threats. It is a key component of the Integrated Air and Missile Defense (IAMD) Composite Battalion and will replace the Avenger in the Army's Air and Missile Defense forces. SLAMRAAM is a lightweight, day-or-night, and adverse weather, non-line-of-sight system for countering cruise missiles and unmanned air vehicle threats with engagement capabilities in excess of 18 kilometers. The system is comprised of an Integrated Fire Control Station (IFCS) for command and control, integrated sensors, and missile launcher platforms. While SLAMRAAM uses

Sentinel as its organic radar to provide surveillance and fire control data, the system will also receive data from other joint and Army external sensors when available. The SLAMRAAM launcher is a mobile platform with common joint launch rails, launcher electronics, on-board communication components, and four to six AIM-120-C Advanced Medium Range Air-to-Air Missiles (AMRAAMs).

SYSTEM INTERDEPENDENCIES

SLAMRAAM will provide engagement operations interoperability by participating on the Joint Data Network (JDN) (Link 16) Internal and External communication. The IFCS will manage engagement operations, and the Advanced Sentinel radar will be the initial sensor. In addition, SLAMRAAM will be supported by the Joint Land Attack Cruise Missile Defense Elevated Netted Sensor (JLENS) System.

PROGRAM STATUS

- **2QFY09:** Long lead decision
- **2QFY09:** Begin developmental testing/limited user testing

PROJECTED ACTIVITIES

- **1QFY10:** Completion of developmental testing/limited user testing
- **1QFY10:** Milestone C decision for low-rate initial production
- **1QFY10:** Low-rate initial production
- **1QFY11:** Begin initial operational test and evaluation (IOTE)
- **2QFY11** Complete IOTE

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

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FOREIGN MILITARY SALES

None

CONTRACTORS

Raytheon (Fullerton, CA; Andover, MA;
Tewksbury, MA)
CAS, Inc. (Huntsville, AL)
Boeing (Huntsville, AL)

