

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

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Defeats aerial threats to the current and future maneuver force and other critical assets while supporting 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) 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, adverse weather, non-line-of-sight system for countering cruise missiles and unmanned air vehicle threats with engagement capabilities of up to 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, with remote capability, is a mobile platform with multi-service launch rails, launcher electronics, on-board communication components, and four to six AIM-120-C Advanced Medium Range Air-to-Air Missiles (AMRAAMs). The SLAMRAAM system is a critical component of a Joint Cruise Missile Defense capability.

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

- **4QFY09:** Army directed SLAMRAAM to be configured on a more crew survivable platform
- **2QFY10:** Army decision to configure SLAMRAAM on the Family of Medium Tactical Vehicles

PROJECTED ACTIVITIES

- **2QFY11:** Limited user testing
- **3QFY11:** Milestone C decision for low-rate initial production (LRIP)
- **3QFY11:** LRIP

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

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

FOREIGN MILITARY SALES

None

CONTRACTORS

Tech/Program Support:

SETA (Huntsville, AL)

System Development/Integration

(FU/HIL/SIL):

Raytheon (Tewksbury, MA)

