

AARGM-ER

Advanced Anti-Radiation Guided Missile Extended Range

AARGM-ER is a significant upgrade to the previously fielded AGM-88E2 AARGM

- · Provides full DEAD capability
- Autonomous detection, target ID and destruction of SAM systems
- Neutralizes emitter shutdown tactics and countermeasures
- AARGM-ER tail control for increased terminal manueverability and survivability

AARGM-ER is part of the AARGM capability evolution strategy

- Utilizes existing AARGM sensor and electronics technology
- · Warhead upgrade
- Propulsion upgrade to extend range of baseline system
- Tail controlled missile for increased maneuverability and survivability

AARGM-ER addresses capability gaps created by 2020+ threats

- Strike aircraft weapon delivery from sanctuary
- · Enhanced weapon survivability
- Compatibility with F-35 internal bay integration



Existing AARGM Guidance Section, and Control Section Components

Enhanced Airframe and Strakes for Range and Survivability

Upgraded Propulsion for Range and Speed

Tail Control for Reduced Drag and Survivability

AARGM-ER

FEATURES

- Utilizes AARGM multi-mode guidance section
- · Upgraded warhead
- Modified AGM-88E2 common control section
- Removes mid-body wings
- Larger rocket motor utilizing mature technologies
- · Tail-controlled CAS

AARGM-ER PROVIDES

- Upgraded propulsion and tail-control for increased range, speed and altitude
- Affordable reuse of existing state-of-the-art AARGM sensors, radome and avionics package
- Thermal protection, strakes, and airframe support extended range and survivability requirements
- Compatible with F/A-18E/F, EA-18G and F-35A/B/C external carriage, and F-35A/C internal carriage
- Future platforms include the P-8, F-16, and Eurofighter

IMPROVING AND EXPANDING CAPABILITIES

AARGM-ER TARGET PLATFORMS

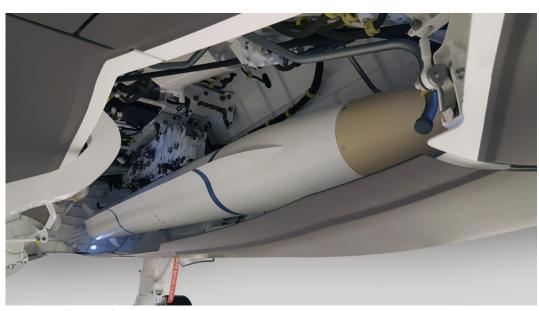


Improves current capability of F/A-18 Super Hornet and EA-18 Growler

AARGM-ER TARGET PLATFORMS



Adds a SEAD/DEAD capability to all versions of the F-35



AARGM-ER fit check in F-35 weapons bay

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