



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 maneuverability 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

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

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 fit check in F-35 weapons bay

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