

AARGM-ER

Advanced Anti-Radiation Guided Missile Extended Range

FACT SHEET

Potential material solution to the U.S. Navy's AARGM Extended Range requirement Advanced Anti-Radiation Guided Missile



Upgrade To AARGM

Fielded AGM-88E AARGM is a significant upgrade to legacy HARM:

- Provides full DEAD capability
- Autonomous detection, target ID and destruction of SAM systems
- Neutralizes emitter shutdown tactics and countermeasures

AARGM-ER is part of the AARGM capability evolution strategy:

- Utilizes existing AARGM sensors, electronics, and warhead
- 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

FACTS AT A GLANCE

- 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 sleeve, strakes, and airframe support extended range and survivability requirements
- Compatible with F/A-18E/F, EA-18G and F-35A/C internal-carriage

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AARGM-ER Features

- Utilizes AARGM multi-mode guidance section
- Utilizes existing AGM-88B/C warhead
- Modified AGM-88E common control section
- Removes mid-body wings
- Larger, new rocket motor utilizing mature technologies
- New tail-controlled CAS

Improving and Expanding Capabilities

AARGM-ER Target Platforms



Improves Current Capability of F/A-18 Super Hornet and E/A-18 Growler



AARGM-ER fit check in F-35 weapons bay



Expands Future Capability with F-35 Lightning II

