

# AARGM



## Advanced Anti-Radiation Guided Missile (AGM-88E)

AARGM provides the U.S. Navy, U.S. Marine Corps, and Italian Air Force the latest and most advanced weapon system for engaging and destroying enemy air defenses and time-critical, mobile targets. AARGM is a supersonic, medium-range, air-launched tactical missile compatible with U.S. and Allied strike aircraft. Designed to upgrade the HARM (AGM-88) system, AARGM features an advanced digital anti-radiation homing (ARH) sensor, MMW-radar terminal seeker, precise GPS/INS guidance, net-centric connectivity, and Weapon Impact Assessment (WIA) transmit.

### New Capabilities for the Warfighter

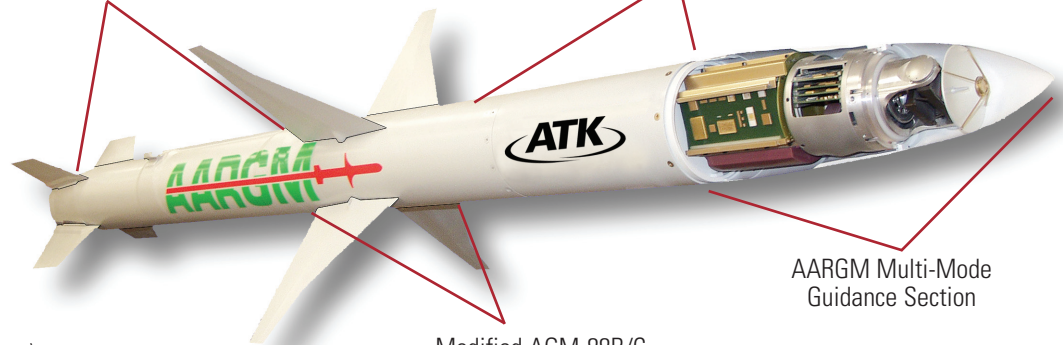
- Anti-radar strike with advanced signal processing and vastly improved frequency coverage, detection range, and field of view (FOV)
- Time-critical, standoff strike with supersonic GPS/INS point-to-point or point-to-MMW-terminal guidance
- Missile impact zone control to prevent collateral damage through tightly coupled, DTED-aided GPS/INS
- Counter-emitter shutdown through active millimeter wave (MMW) radar terminal guidance
- Weapon Impact Assessment (WIA) transmission prior-to-impact for bomb damage assessment

ATK is teamed with MBDA to provide this advanced, cost-effective weapon system to U.S. and approved allied customers.



AGM-88B/C Rocket Motor and Airframe

AGM-88B/C Warhead



**System**

Length — 164 in. (417 cm)

Diameter — 10 in. (25 cm)

Weight — 795 lb (361 kg)

Warhead Weight — 150 lb (68 kg)

Modified AGM-88B/C  
Common Control Section

AARGM Multi-Mode  
Guidance Section

# Advanced Anti-Radiation Guided Missile (AGM-88E)

F/A-18

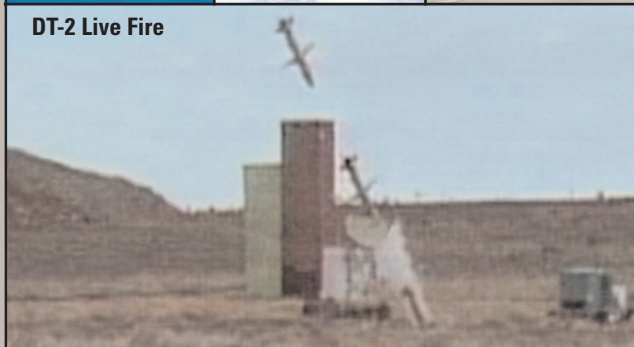
Tornado

EA-18G

F-16

EA-6B

F-35



## AGM-88E System

- Mission: Supersonic, time-sensitive strike and Destruction of Enemy Air Defenses (DEAD)
- Range: Extended range engagement
- Aircraft Compatibility: All variants of F/A-18, Tornado, EA-18G, F-16, EA-6B and F-35 (external)
- Connectivity: Missile Impact Transmitter (MIT) capability for approved customers
- Availability: Low rate production commences late calendar year 2008
- Industrial Cooperation: ATK and MBDA — Two of the world's leaders in advanced missile technologies partnered to deliver the most advanced strike weapon to U.S. and allied warfighters

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