



# AARGM

## Advanced Anti-Radiation Guided Missile

AARGM provides the U.S. Navy, U.S. Marine Corps, Italian Air Force, the Royal Australian Air Force, and the German Luftwaffe, the latest and most advanced weapon system to engage and destroy 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 High-Speed Anti-Radiation Missile (HARM) (AGM-88) system, AARGM features an advanced digital anti-radiation homing (ARH) sensor, millimeter wave (MMW) radar terminal seeker, precise Global Positioning System (GPS)/Inertial Navigation System (INS) guidance and net-centric connectivity.

### CAPABILITIES

- Anti-radar strike with advanced signal processing and vastly improved frequency coverage, detection range, and field of view (FOV)
- Time-critical, standoff strike with super-sonic GPS/INS point-to-point or point-to-MMW-terminal guidance
- Missile impact zone control to prevent collateral damage through tightly coupled, Digital Terrain Elevation Database (DTED)-aided GPS/INS
- Counter-emitter shutdown through active MMW-radar terminal guidance
- Future procurements of AARGM will include the AGM-88E2 avionics update with improved ARH performance, M-Code, and enhanced reprogramming capability.

### AGM-88E2 SYSTEM

- Mission: Supersonic, time-sensitive strike and Destruction of Enemy Air Defenses (DEAD)
- Provides organic in-cockpit emitter targeting capability and situational awareness
- Aircraft Compatibility: All variants of F/A-18, EA-18G, F-16, Tornado, and Eurofighter.
- Availability: In Full Rate Production
- Industrial Cooperation: Northrop Grumman and MBDA – Two of the world's leaders in advanced missile technologies partnered to deliver the most advanced weapon to U.S. and allied warfighters



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## AARGM SYSTEM

Length – 164 in. (417 cm)  
Diameter – 10 in. (25 cm)

Weight – 795 lb. (361 kg)  
Warhead Weight – 150 lb. (68 kg)

## CURRENT AND POTENTIAL FUTURE PLATFORMS

F/A-18



Tornado



EA-18G



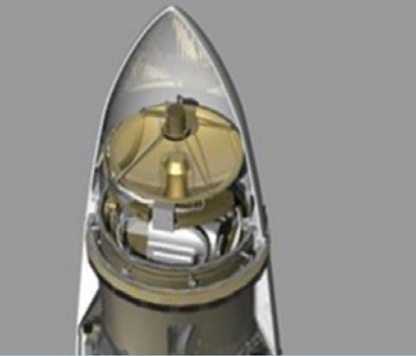
F-15



F-16



Eurofighter



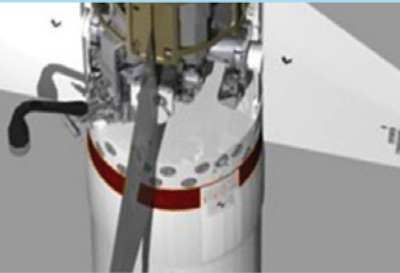
AARGM Multi-Mode Guidance Section



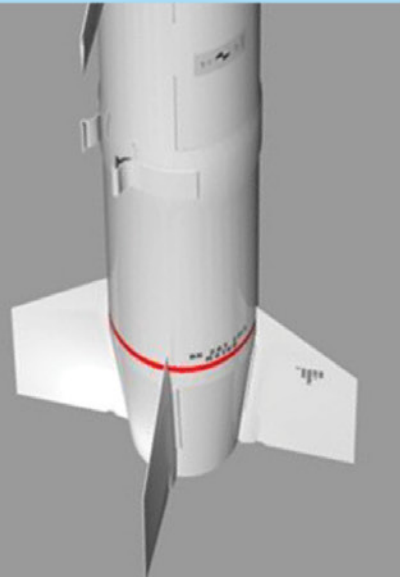
AGM-88B/C Warhead



Modified AGM-88B/C Common Control Section



AGM-88B/C Rocket Motor and Airframe



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