



AIR COMBAT COMMAND

PEOPLE FIRST - MISSION ALWAYS

AGM-88 HARM/AGM-88E AARGM

Current as of January 27, 2022



AGM-88 HARM MISSION

The AGM-88 HARM (high-speed anti-radiation missile) is a supersonic air-to-surface tactical missile designed to seek and destroy fixed and re-locatable enemy radar-equipped air defense systems.

FEATURES

The AGM-88 HARM has a proportional guidance system that uses passive broadband radio frequency and hones in on enemy radar emissions through a fixed antenna and seeker head in the missile nose.

The missile consists of four sections; guidance section, warhead, control section, and rocket motor. An Electromagnetic Interference (EMI) ring is positioned between each section mating surface to prevent EMI from damaging missile electronics. Four movable wings attach to the control section and provide in-flight control of the missile. Four fixed fins attach to the rocket motor and provide in-flight aerodynamic stability

AGM-88E & AGM-88F AARGM MISSION

The AGM-88E AARGM (advanced anti-radiation guided missile) is an air-to-surface tactical missile designed to provide lethal destruction of mobile, fixed, and re-locatable Integrated Air Defense Systems (IADS).

FEATURES

The AGM-88E AARGM is an upgrade to legacy AGM-88 HARM missiles. AGM-88E AARGM consists of newly developed guidance and a modified AGM-88 HARM control section. The new guidance is equipped with more sensitive wide-band passive digital Anti-Radiation Homing (ARH) receiver, a conformal antenna array, an active Millimeter Wave (MMW) radar, and an Integrated Broadcast Service Receiver (IBS-R). The ARH in combination with the conformal antenna can geo-locate emitting targets. ARH minimizes target location error over time during flight to the target, allowing MMW radar to continue to prosecute and attack even with target radar shutdown. The GPS/INS provides AGM-88E AARGM point-to-point capability and missile avoidance/impact zones.

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