



# FACT SHEET

## U.S. Air Force Fact Sheet AGM-88 HARM

### Mission

The AGM-88 HARM or high-speed anti-radiation missile, is an air-to-surface tactical missile designed to seek and destroy enemy radar-equipped air defense systems.



### Features

The AGM-88 can detect, attack and destroy a target with minimum aircrew input. The proportional guidance system that hones in on enemy radar emissions has a fixed antenna and seeker head in the missile nose. A smokeless, solid-propellant, dual-thrust rocket motor propels the missile. The F-16C is the only aircraft in the Air Force current inventory to use the AGM-88.

### Background

The Defense Systems Acquisition Review Council approved the AGM-88 missile for full production in March 1983.

The Air Force equipped the F-4G Wild Weasel with the AGM-88 to increase the F-4G's lethality in electronic combat. The missile worked with the APR-47 radar attack and warning system on the aircraft.

The missile is operationally deployed throughout the Air Force and in full production as a joint U.S. Air Force-U.S. Navy project.

### General Characteristics

**Primary Function:** Air-to-surface anti-radiation missile

**Contractor:** Raytheon Co.

**Power Plant:** Thiokol dual-thrust rocket motor

**Thrust:** Dual thrust

**Length:** 13 feet, 8 inches (4.14 meters)

**Launch Weight:** 800 pounds (360 kilograms)

**Diameter:** 10 inches (25.40 centimeters)

**Wingspan:** 3 feet, 8 inches (101.60 centimeters)

**Range:** 30 plus miles (48 plus kilometers)

**Speed:** Supersonic

**Aircraft:** Used aboard the F-16C

**Guidance System:** Proportional

**Warheads:** High explosive

**Unit Cost:** \$200,000

**Date Deployed:** 1984

### Point of Contact

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