

# AASM "HAMMER"

HIGHLY AGILE MODULAR MUNITION  
EXTENDED RANGE

- > HIGH ACCURACY
- > MULTI ROLE AIR TO GROUND WEAPON
- > ALL-WEATHER
- > EASY TO USE, EASY TO IMPLEMENT
- > COMBAT-PROVEN



# AASM "HAMMER"

## Highly Agile Modular Munition Extended Range

The AASM "Hammer" is a new generation all-weather smart weapon with an extended stand-off capacity. Based on European technologies, it is set to revolutionize air-to-surface employment with its family of warheads and guidance kits.

The accuracy of the Inertial/GPS variant is the one of the GPS and can be further improved with infrared or laser terminal guidance variants. Thanks to its powerful "automatic target recognition" technology, the AASM "Hammer" has the ability to actually hit the bull's eye.

### New standards for Air Operations

With the AASM "Hammer", stand-off means more than range: it offers an unmatched firing envelope, from high to very low altitude, with a wide off-boresight capability to fit the most demanding tactical situations. The AASM "Hammer" helps taking full advantage of the entire firing envelope, through its Fire & Forget design and its multi-target capability. The AASM "Hammer" is also fully flexible to optimize the desired military effect on the target. In addition to the use of a dedicated warhead and an airburst capacity, the angle of impact can be set up till a fully vertical dive.

**"The AASM Hammer is the force multiplier of any aircraft that needs fire power"**



### Modularity, a concept for a family

The AASM "Hammer" is made up of a guidance kit and a range extension kit fitted on a standard bomb body of the Mk80 series or the likes. This bomb body may be general purpose (Mk82, BLU-111) or penetration (BANG).

### Flexibility, an ever-increasing requirement

Capable of Close Air Support missions as well as deep strike missions, the AASM "Hammer" offers full flexibility, to be completed with data link capability on-going development.

### On the cutting edge of technology, for conventional deep strikes

The AASM "Hammer" draws on Safran's comprehensive expertise for inertial components and optronics:

- Hemispheric Resonating Gyro
- Inertial/GPS hybridization
- Strap-down infrared imagers and associated algorithms.

- AASM kits associated with Mk82 warheads:
  - INS/GPS guidance
  - INS/GPS/IR guidance
  - INS/GPS/laser guidance
- Extended stand-off
- Multi-target capability
- Fast moving target capability



### Technical specifications

- Very short (0Km) to very long range (from 70Km+ to 20Km+, depending on release altitude)
- Easy to implement, easy to use
- Fire & Forget
- Multi-target simultaneous attack
- Controlled military effects on target
- High resistance to GPS unavailability, jamming & target location errors
- MIL-STD-1553/1760 interfaces
- "Zero-maintenance" to reduce life cycle costs

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