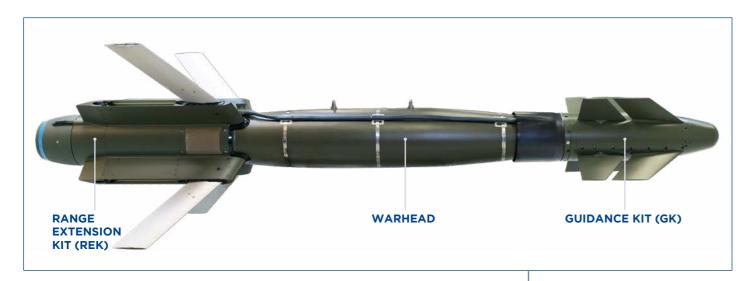


Smart tactical air-to-surface weapon family



AASM HAMMER™ FAMILY

SMART STAND-OFF AIR-TO-SURFACE WEAPON



HIGHLY
AGILE
MODULAR
MUNITION
EXTENDED
RANGE

MAIN FEATURES



VERSATILE CONFIGURATION



FIRE & FORGET
AND USER FRIENDLY



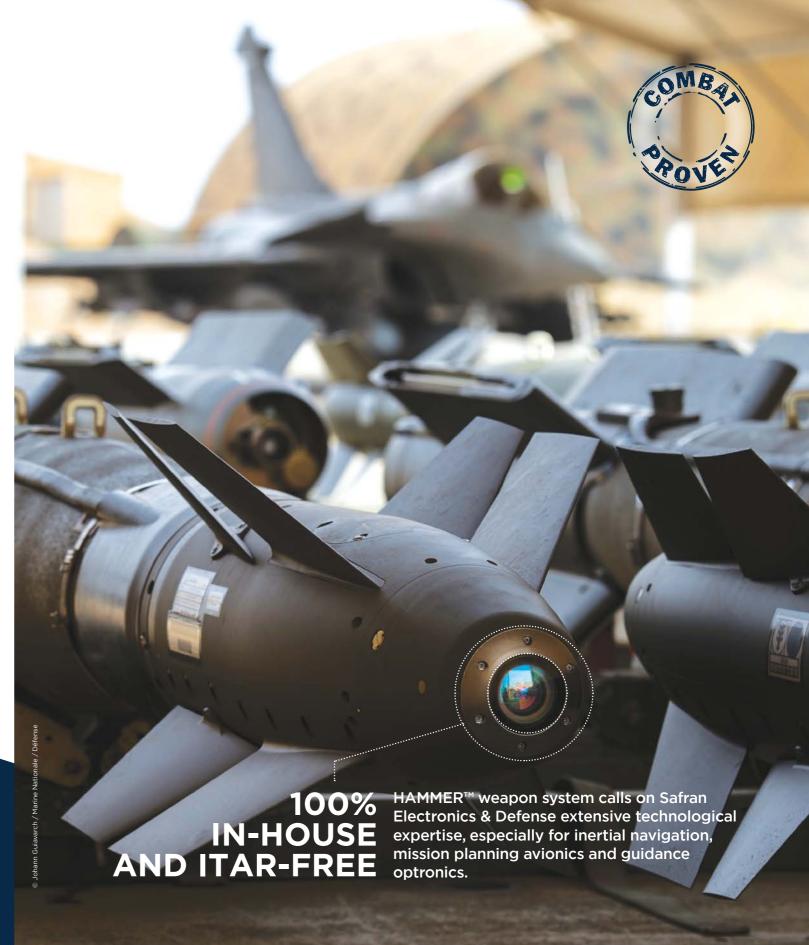
ACCURACY UNDER ALL WEATHER CONDITIONS
AND GNSS*-DENIED ENVIRONMENTS



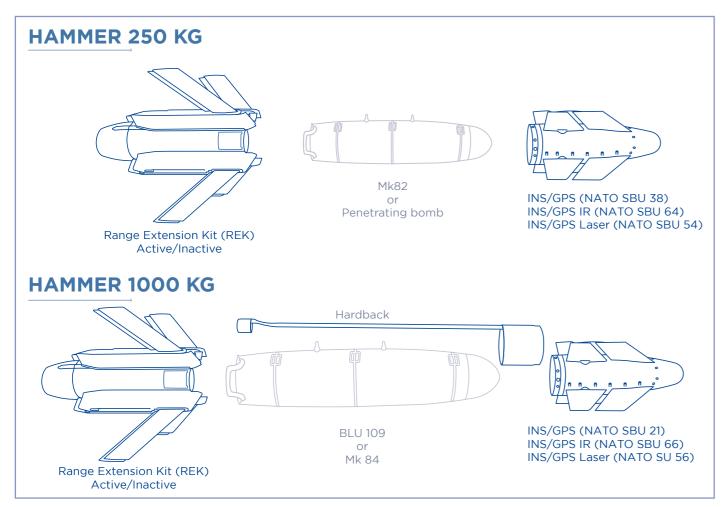
MULTI-TARGETS ENGAGEMENT



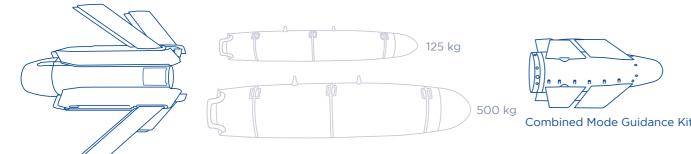
STANDOFF FIRING RANGE FROM VERY LOW TO HIGH ALTITUDE



A VERSATILE AND MODULAR WEAPON SYSTEM



UNDER CONSIDERATION



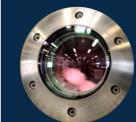
Augmented Range Extension Kit (REK)
Active/Inactive

UNCHALLENGED ACCURACY

- ► HRG Crystal[™] high-grade inertial system ensuring accuracy in GNSS-denied environment in all weather conditions.
- ► Three guidance kit versions to cover the full spectrum of air-to-surface tactical mission requirements.
- ► Common INS/GPS guidance for each guidance kit.







Poor geopositioning or GNSS-denied environment

- ► Use of digital scene matching algorithms in terminal phase
- ▶ Design to work with vertical AOI**



HRG CRYSTAL™

Rebooting the navigation revolution

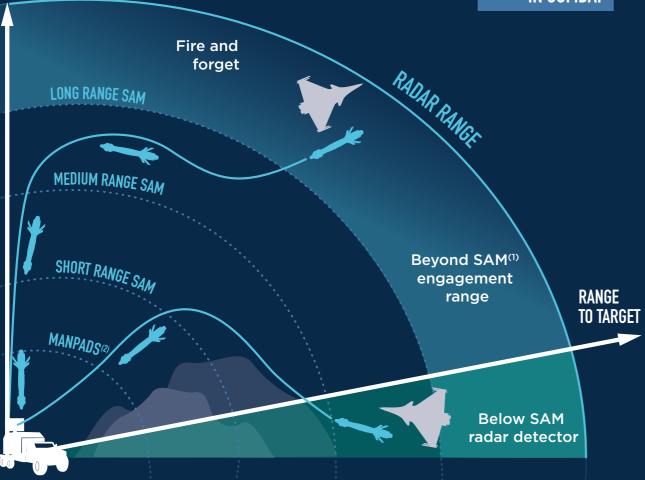
Mass-produced in Montluçon in France, Safran's HRG*** Crystal™ is the latest generation of cutting-edge resonating gyroscope designed to address the most demanding military navigation requirements.

Embedded with HRG Crystal[™], Safran's HAMMER has successfully reached its target in more than **3,000 strikes with the highest** level of accuracy.

NO PLACE TO HIDE

99% SUCCESSFUL STRIKES IN COMBAT

ATTITUDE Above target)



- ► Standoff firing range for enhanced aircraft survivability
- ► Selection of angle and speed of impact whichever the weapon release options
- ► Unmatched firing envelope even in GNSS-denied environments

(1) SAM: Surface-Air Missile. (2) MANPADS: Man-Portable Air-Defence System









TACTICAL GAME-CHANGER



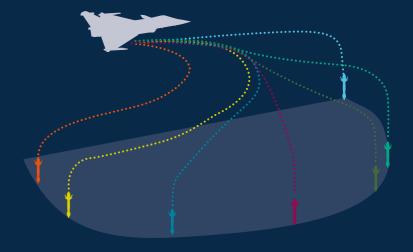
INFRA-RED FOR PRECISION STRIKES ON FACILITIES



AIRBURST⁽³⁾
FOR SOFT TARGETS
AND AERIALS



LASER FOR
FIXED OR FAST
MOVING TARGETS



- ► FIRE & FORGET
- **► MULTI-TARGETS ENGAGEMENT**
- ► OFF-BORESIGHT CAPABILITY AND WIDE LAR(4)
- (3) Airbust is the detonation of an explosive device above the ground instead of on contact with the target. (4) Launch Acceptable Region.



15 YEARS OF MISSION SUCCESS

COMBAT PROVEN WEAPON SYSTEM



MULTI CARRIER





AND FIGHTERS WITH LIGHT INTEGRATION

already fired from Lockeed Martin F16, Dassault Mirage 2000 and Mirage F1 with Hasas (Hammer Stand Alone System), a cost effective stand alone system



TO TAILORED INTEGRATION TO FULFILL SPECIFIC NEEDS:

- Transport aircrafts
- Light attack fighters

(1) DEAD: Destruction of Ennemy Air Defenses

(1) SEAD: Suppression of Enemy Air Defenses

(2) CAS: Close Air Support

(3) TST: Time Sensitive Target

PREMIUM SERVICES

Safran elaborated an optimized concept to prevent heavy maintenance. With trainings and documentation, it helps to reduce the system's life cycle cost.



HAMMER™ does not require preventive maintenance.

It is a truly life cycle costs effective solution.





Safran provides electronic documentation with **data modules** that are **\$1000D compliant**.





Missions planning systems

follows each step of the planning to provide operators an overview of assigned missions. The CBT (Computer Based Training) makes efficient trainings available for pilots as well as for armorers. This **includes initial** and **refresh trainings**. Safran **accompanies** you through all the process.



A LIVING FAMILY

Capitalizing on nearly 15 years of operations, Safran is continuously upgrading HAMMER™ with new state of the art guidance kits, range extension kits and warheads while staying at the heart of collaborative future combat and digital challenges.

CONTINUOUS DEVELOPMENT

- ► NEW DUAL SEEKER MODES GUIDANCE KIT
- ► NEW RANGE EXTENSION KIT
- ► INCREMENTAL FUNCTIONS TO EXTEND MODULARITY

CONSTANT ADAPTATION

- COLLABORATIVE COMBAT
- ► HIGH INTENSITY BATTLEFIELD





Scan for the website



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