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# HAMMER Precision Weapon System

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Bharat Electronics Limited (BEL) and France's Safran Electronics & Defence have signed a Joint Venture Cooperation Agreement to manufacture the HAMMER precision-guided air-to-ground weapon system in India.

## What it is?

- The HAMMER (Highly Agile Modular Munition Extended Range) is a smart, precision-guided, air-to-ground Weapon designed to strike hardened targets with high accuracy from stand-off ranges.

Developed by: Originally developed by Safran (Sagem), France, and now set for joint manufacturing with BEL in India.

Aim: To provide the IAF and Navy with a combat-proven, modular, precision weapon suitable for mountainous warfare, quick deployment, and integration with aircraft like Rafale and Tejas.

## Key Features of HAMMER:

- **Modular Architecture:** Features a guidance kit + range-extension kit that can be fitted onto multiple types of general-purpose bombs, enhancing flexibility across missions.
- **High accuracy precision Strike:** Uses GPS/INS, infrared, and laser-guided options, enabling accurate strikes on bunkers, hardened shelters, airstrips, and enemy infrastructure.
- **Extended Stand-Off Range:** Can hit targets up to 70 km, enabling aircraft to strike without entering high-risk airspace—crucial for operations in contested zones.
- **High Agility & Manoeuvrability:** Optimised for mountain warfare (e.g., Ladakh), allowing precision strikes even in complex topography and high-altitude environments.
- **Platform Compatibility:** Integrated with Rafale, and to be integrated with LCA Tejas, providing flexibility across Air Force and Navy combat platforms.
- **Joint Manufacturing & Indigenous:** The BEL–Safran JV will achieve 60% localisation, with BEL leading final assembly, testing, and quality assurance, reducing foreign dependence.

**Kamaraj IAS Academy**

Plot A P.127, AF block, 6 th street, 11th Main Rd, Shanthy Colony, Anna Nagar, Chennai, Tamil Nadu 600040

Phone: **044 4353 9988 / 98403 94477** / Whatsapp : **09710729833**