

AIR LORA

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AIR LORA Latest News

The Indian Air Force (IAF) is reportedly considering the acquisition of AIR LORA, an advanced air-launched ballistic missile, to significantly bolster its long range strike capabilities.

About AIR LORA

- It is an advanced **air-launched ballistic missile** developed by **Israel Aerospace Industries (IAI)**.
- It is a **short-range air-to-ground missile (AGM)** developed **for strike missions against high-value and well-protected targets** such as command centres, air force bases, infrastructure, and naval vessels in dense littoral environments.
- **Features:**
 - It has a diameter of 0.624 m and a length of 5.2 m, with a launch weight of approximately 1,600 kg.
 - It can carry a payload of up to 600 kg, and can deploy a single high explosive (HE) warhead or submunitions.
 - It is a **fire-and-forget missile** system that functions autonomously after launch.

- It does not require guidance from the aircraft once it is released.
- The missile **can also change its target coordinates mid-flight**, allowing adjustments during changing battlefield scenarios.
- It features high survivability with advanced **immune INS/GNSS navigation** and **strong anti-jamming capabilities**, allowing for 24/7 operation in extreme weather conditions and highly contested battlefields.
- It has a **maximum range of 400 km**.
- It can be simply integrated into airborne platforms as a stand-alone configuration or through the avionics system” and is easy to operate, “with simple fire-and-forget and autonomous operation.
- It has a very high mission success rate, mainly due to its supersonic speed and its **combat-proven GNSS anti-jamming system**”, as well as **terminal trajectory shaping** and a 90° attack angle.

Source: TOI

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