

Precision Strike Missile (PrSM)

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Precision Strike Missile (PrSM) Latest News

The United States used Precision Strike Missiles (PrSMs) for the first time during its ongoing war with Iran, US Central Command (CENTCOM) said recently.

About Precision Strike Missile (PrSM)

- It is a **surface-to-surface guided ballistic missile** to strike targets at long distances with high precision.
- It is being **developed and manufactured** primarily **for the US Army by Lockheed Martin** (a US aerospace and defence company).
- It entered US service in late 2023.

Precision Strike Missile (PrSM) Features

- It features an open systems architecture and a **modular design**.
- It is **launched from** existing artillery platforms, including the **M142 High Mobility Artillery Rocket System (HIMARS)** and the **M270A2 Multiple Launch Rocket System (MLRS)**.

- The missile uses **solid rocket propellant** and advanced navigation systems, including **GPS and inertial guidance**, to hit targets accurately over long distances, even in challenging weather conditions.
- It has a **range** of at least **500 km**.
- It has a **hypersonic-class ballistic trajectory** that **can even be integrated with satellites, drones and radar systems**.
- It is equipped with an **Insensitive Munitions (IM) energetic payload**, designed to **reduce the risk of accidental detonation**.

Source: ALJ

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