

Fatah-4 Missile

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Fatah-4 Missile Latest News

Pakistan recently announced the successful test of its new long-range cruise missile, Fatah-IV.

About Fatah-4 Missile

- It is **Pakistan's** indigenously developed **long-range cruise missile**.
- It has a **range** of **750 kilometers** (470 miles) and is equipped with **advanced avionics and modern navigation systems**.
- It can reach speeds of Mach 0.7 (865 kmph) during flight.
- Weighing around 1,530 kilos, the missile is around 7.5 metres in length.
- The missile can be **fired from transporter-erector-launcher (TEL) vehicles**.
- It uses **solid-propellant propulsion**, which allows it to be readied for **launch and fired quickly**.
- It can carry a warhead weighing around 330 kilos. It is made to **carry conventional munitions and not nuclear warheads**.

- The missile is guided by a **navigation suite comprising global positioning system (GPS)** and an **inertial navigating system (INS)**.
- It is said to use electronic countermeasures and AI to lock on to targets in difficult environments.
- The most significant feature of the Fatah-4 missile is its **circular error probability (CEP)**.
 - The Fatah-4 can **hit its target with an error of just 4 meters**, which is considered **very low for Pakistani missiles**.
- It is capable of **evading enemy air defences through terrain-hugging flight**.

Source: N18

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