

Tayfun Block-4

July 23, 2025 • vajiramandravi.com



Tayfun Block-4 Latest News

Turkey recently unveiled its first hypersonic ballistic missile, the Tayfun Block-4, in Istanbul.

About Tayfun Block-4

- It is the **first hypersonic ballistic missile** developed by **Turkey**.
- It is the **hypersonic version of the Tayfun missile**, Turkey's longest-range nationally produced **ballistic missile**.
- The term "**Hypersonic**" refers to a speed at least **five times the speed of sound** (also called **Mach-5**).
- Tayfun Block-4 was developed by Turkish defense company Roketsan.

Tayfun Block-4 Features

- It is 6.5 meters long and weighs about 2,300 kilograms.
- It is distinguished by its **high speed and advanced manoeuvrability**.

- It has an **operational range** of up to **800 kilometers**, with plans to extend it to 1000 kilometers in the future.
- The **guidance system** is based on **GPS and GLONASS technologies combined with the inertial system (INS)**, which guarantees high accuracy, with a maximum error of only 5 meters per shot.
- The missile is equipped with a **fragmentation warhead** and **uses 'solid composite' fuel**, making it **suitable for quick and effective strikes** against strategic targets such as air defense systems, command centers and critical infrastructures.

Source: N18

Source: <https://vajiramandravi.com/current-affairs/tayfun-block-4/>

© Vajiram & Ravi. For personal use only.