

PL-15 Missile

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PL-15 Missile Latest News

Amid the ongoing escalating tensions between India and Pakistan, a fully intact Chinese-made PL-15 long-range air-to-air missile has been recovered in Punjab's Hoshiarpur.

About PL-15 Missile

- The PL-15, known as "**Thunderbolt-15**," is a **long-range, beyond-visual-range air-to-air missile (BVRAAM)**.
- It was **developed by China's** 607 Institute and manufactured by the China Aerospace Science and Industry Corporation (CASIC).
- It can **engage enemy aircraft** at distances well beyond visual range.

PL-15 Missile Features

- It features a **dual-pulse solid-propellant rocket motor**, allowing it to reach speeds exceeding Mach 5.

- The **domestic Chinese version boasts a range of 200-300 km**, while the **export variant**, the PL-15E, has a declared maximum **range of 145 km**, though operational factors may reduce this to 100–120 km depending on the launch platform.
- The missile is equipped with a high-explosive fragmentation warhead weighing 20–25 kg, optimized to destroy maneuvering aerial targets.
- The PL-15 employs a **sophisticated guidance system, combining inertial navigation, Beidou satellite updates, a two-way datalink for mid-course corrections**, and a **terminal active radar seeker** using advanced AESA (Active Electronically Scanned Array) technology.
- This suite provides high accuracy, **resistance to electronic jamming**, and the ability to engage targets in contested environments.

PL-15 Missile FAQs

Q1: What is the range of the PL-15 missile?

Ans: The domestic Chinese version boasts a range of 200–300 km, while the export variant, the PL-15E, has a declared maximum range of 145 km.

Q2: What is the top speed of PL-15?

Ans: The PL-15 features a dual-pulse solid-propellant rocket motor, allowing it to reach speeds exceeding Mach 5

Q3: What type of missile is the PL-15?

Ans: Beyond-Visual-Range Air-to-Air Missile (BVRAAM)

Source: [INDIATV](#)

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