

What is Stinger Missile?

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About Stinger Missile:

- The FIM-92 Stinger is a **man-portable surface-to-air missile system** (MANPADS) that was designed and **manufactured by the American Defense Industry**.
- The system entered into service with the U.S. Army in 1981.
- **Used currently by the U.S. armed forces and 29 other countries**, it is **manufactured by Raytheon Missile Systems** and under license by EADS in Germany.
- It was designed to provide air defense capabilities to the United States and allied troops when forward deployed and thus eliminate the immediate need for air support should an enemy aircraft threaten the troops.
- **Features:**
 - The missile is 1.52 m long and 70 mm in diameter, with 10 cm fins.
 - It is **lightweight**. The missile and its launcher weigh about 15 kilograms. The **launcher is reusable**.
 - It can be **carried and fired by troops or mounted to a vehicle** and used as short-range defense against aircraft.
 - It uses a **passive infrared seeker**. The infrared seeker can lock on to the heat the target is producing.
 - It is a **“fire-and-forget” weapon**, meaning it requires no input from the gunner once it’s fired.
 - It can **hit targets flying as high as 11,500 feet** (3,500 meters), and has a **range of about 5 miles (8 kilometers)**.

Q1: What is Igla-S?

Igla-S is a man-portable air defence system (MANPADS) developed by Russia. It is a hand-held defence system that can be operated by an individual or crew. It is designed to bring down low-flying aircraft and can also identify and neutralise air targets such as cruise missiles and drones.

Source: NATO signs \$700 mn Stinger Missile contract in push for defence boost

Source: <https://vajiramandravi.com/current-affairs/stinger-missile/>

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