

What is Meraj-532?

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About Meraj-532:

- It is a **kamikaze drone** equipped with a **piston engine**.
- It has a **range of 450 km**.
- It is capable of flying at a maximum **altitude of 12,000 feet for three straight hours**.
- It has a **50-kg warhead** and can be assembled and prepared for flight easily, making it suitable for rapid reaction operations.

What is a Kamikaze Drone?

- A kamikaze drone, also called a **suicide drone** or, more formally, a **loitering munition**, is an unmanned aerial vehicle that is **designed to self-destruct after serving its purpose**.

- They can **hover around the target area for some time** (much longer than a cruise missile) **and attack only once a target is located**.
 - It may **also feature a built-in warhead or payload**, which is intended to detonate during the engagement.
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Q1) What is an Unmanned Aerial Vehicle?

An unmanned aerial vehicle (UAV) is a type of aircraft that operates without a human pilot onboard. Recent technologies have allowed for the development of many different kinds of advanced unmanned aerial vehicles used for various purposes.

Source: [Iran's 'successfully' tests kamikaze drone equipped with 50-kg warhead: Official](#)

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