

Lancet Drone

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About Lancet Drone:

- It is a **high-precision kamikaze drone** operated by the **Russian Army** to strike remote ground and sea targets.
- It is developed and **manufactured by Russian defence company Zala Aero**, a subsidiary of Kalashnikov Group.
- **Features:**
 - They are **recognizable by their distinct X-shaped wings**, which are attached to an elongated fuselage and detachable camera-guidance head/nose.
 - **Powered by an electric motor** unit, the drone can **travel at a speed between 80km/h and 130km/h**.
 - It has a **maximum range of 40 kilometers** and can carry out a precision strike autonomously.
 - It can carry a maximum **payload of up to 3kg of sensors and explosive warheads**.
 - It can **stay in the air for 30 minutes** and **hit targets at a range of up to approximately 40km**.
 - It has been designed to **provide real-time video and imagery** to the control station.
 - It **incorporates artificial intelligence visual identification (AIVI) technology** for real-time recognition and classification of targets.

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.
 - The **name “loitering” derives from** a defining characteristic: **the ability to “loiter” in the air for an extended period of time before striking**, giving the targeter, time to decide when and what to strike.
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Q1) 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. The name “loitering” derives from a defining characteristic: the ability to “loiter” in the air for an extended period of time before striking, giving the targeter, time to decide when and what to strike.

Source: [Cheap Russian drone a menace to Ukrainian troops and equipment](#)

Source: <https://vajiramandravi.com/current-affairs/lancet-drone/>

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