

What is FWD-200B?

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About FWD-200B:

- It is an **indigenous military grade bomber** unmanned aerial vehicle (UAV).
- It is India's **first indigenous unmanned bomber aircraft**.
- It is designed and **manufactured by Flying Wedge Defence and Aerospace Technologies**, an Indian defence and aerospace company.
- It has a payload capacity of 100 kg and is **classified as a MALE (medium-altitude, long-endurance)** Unmanned Combat Aerial Vehicle.
- The Unmanned Aerial System (UAS) consists of **optical surveillance payloads** and is **integrated with missile-like weapons** for precision air strikes.
- It has a maximum speed of 370 kmph (200 knots), an **endurance capacity of 12 to 20 hours**, and a ground control station **range of 200 km**.
- At six metres long, with an eight-metre wingspan, the aircraft can carry a maximum take-off weight of 498 kg and has an operational altitude of 9,000 feet above mean sea level.

Q1: What is an unmanned Aerial Vehicle (UAV)?

An unmanned aerial vehicle (UAV) is an aircraft that carries no human pilot or passengers. UAVs sometimes called drones can be fully or partially autonomous but are more often controlled remotely by a human pilot. RAND research has contributed to the public discussion on the use of drones for warfare and surveillance.

Source: First indigenous bomber UAV unveiled in Bengaluru

Source: <https://vajiramandravi.com/current-affairs/fwd-200b/>

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