

What is A400M Atlas?

September 9, 2023 • vajiramandravi.com



About A400M Atlas:

- It is a **multi-national four-engine turboprop**
- The aircraft is **manufactured by Airbus Defence and Space**, a division of the European aerospace and defence firm Airbus.
- It was **designed to meet the requirements of the Belgium, French, German, Spanish, Turkish, Luxembourg and UK** air forces.
- It is a **multi-role aircraft** that serves as both a tactical airlifter and a strategic airlifter.
- **Features:**
 - It can **carry up to 37 tons of cargo** and **be used for transport, air-to-air refueling, and paratroop missions.**
 - The A400M's **normal operating speed is 555km/h**, but it can reach a **maximum speed of 780km/h.**
 - The aircraft **weighs approximately 76,500kg**, and the **maximum take-off weight is 141,000kg.**
 - It stands out for its **ability to carry oversized cargo, including vehicles and helicopters.**

- The A400M **cockpit is fully night-vision compatible** and provides **accommodation for two pilots and an additional crew member** for special mission equipment operations.
 - It **can carry 116 paratroops and airdrop them and their equipment** either by parachute or gravity extraction.
 - It **can be converted into a tactical tanker** that has the **ability to refuel a range of aircraft and helicopters**.
-

Q1) What is a turboprop engine?

A turboprop engine, short for “turbine propeller” engine, is a type of aircraft propulsion system that combines elements of both a jet engine and a conventional propeller-driven engine. Turboprop engines are commonly used in aircraft designed for short to medium-haul flights, such as regional airliners, cargo planes, military transport aircraft, and some turboprop-powered general aviation aircraft.

Source: [Airbus Proposes A400M Atlas Capable Of Reshaping India’s Strategic Airlift Capabilities](#)

Source: <https://vajiramandravi.com/current-affairs/a400m-atlas/>

© Vajiram & Ravi. For personal use only.