

UAC's Sukhoi Su-57

Russia's crown jewel soars to global prominence



(Photo: Vayu)

Making its debut on Indian soil at Aero India 2025, the Su-57, flagship of Sukhoi and Russia's combat aviation engineering, is set to capture the spotlight at one of the world's most prestigious airshows. The aircraft's arrival marks a historic moment, as it will be the first time the type will perform live demonstrations in India. Already gaining attention for its aerobatics and combat capabilities, the Su-57 earned recognition with a standout performance at the Zhuhai Air Show 2024 in China. These milestones signal Russia's intention to cement its position in the global defence industry, showcasing the Su-57's growing potential. As the aircraft continues to evolve with cutting edge technological upgrades and operational successes, let's explore how each development contributes to its increasing potential as a formidable fighter on the global stage.

The international debut

It was no less than a historic moment when Sukhoi's Chief Test Pilot, Sergey Bogdan flew the T-50-4, the fourth prototype of the Su-57, to Zhuhai in November 2024. This captured the attention of not just the spotters but also the military watchers around the world. The aircraft made its maiden international appearance for an aerial demonstration, 14 years after its first flight, instantly

elevating its status to that of a "celebrity" throughout the entire event. Previously, the aircraft had regularly



New flat nozzle of the Su-57 (Source: X/Russia)