



## CHINA ACQUIRES VICIOUS 1,553MPH SU-35 MULTIROLE FIGHTER JETS FROM RUSSIA

News / Manufacturer



**The first four Su-35 fighter jets from a 24 aircraft arms deal between the two allies are to be delivered before the end of the year according to a statement by the Komsomolsk-on-Amur aviation plant.**

**This week the governor of Khabarovsk Krai, a federal area located in the Russian Far East, said in a statement during the opening of a new aircraft production plant that China will receive the first four Russian-made Sukhoi Su-35 multirole fighter jets in consideration of a 24 aircraft deal between Moscow and Beijing signed in November of 2015.**

**From 2016 to 2018, the Komsomolsk-on-Amur Aircraft Production plant will build and deliver a total of 24 Su-35 combat jets to China, the governor said according to RIA news agency as part of the agreement first forged between the parties in late 2015.**

The Diplomat explains that the "the Su-35 is a Fourth++ generation, twin-engine, highly maneuverable multirole fighter jet powered by two AL-117S turbofan engines. The Russian aircraft's powerful turbofan engine is also the most likely reason why China is interested in acquiring Su-35 fighters."

The fighter jet has a maximum speed of 1,553 MPH (2500kmh) with advanced dry thrust and afterburner capabilities that enhance the aircraft's dogfight maneuverability and semi-stealth

design that makes it possibly the most lethal fighter jet in the sky. The Su-35 is Russia's top air-superiority fighter, until the fifth-generation PAK-FA stealth fighter comes into production, with a clear maneuverability edge over existing fighter jets and a limited radar cross section after adjustments were made to the engine inlets and canopy as well as a series of modifications including the use of "radar-absorbent material" that gives the flanker a stealth-like profile.

The fighter jet comes armed with K-77M radar-guided missiles with a range of over 120 miles (193km) providing pilots with standoff capabilities ensuring pilot protection, an R-74 infrared-guided missiles that allow for targeting by a pilot using a helmet-mounted optical sight, and a thirty-millimeter cannon with 150 rounds for dogfight battles.

The acquisition of the Su-35 by the Chinese is a major boon for the country's defense as well as its avionics industry. China has worked to produce its own turbofan akin to the Su-35's, known as the WS-10 turbofan, but it continues to underperform the Russian-made AL-117S. If China is able to reverse engineer the technology they may be able to rapidly overcome their avionics gap with the West.



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**SOURCE:** RUAVIATION

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