

# China's J-20 stealth fighter makes public air show debut

November 1 2016, by Zhang Weiqun

---



A pair of J-20 stealth fighter jets fly at the China's International Aviation and Aerospace Exhibition in Zhuhai, China's Guangdong province, Tuesday, Nov. 1, 2016. China's J-20 stealth fighter has made its public debut at Airshow China in the southern city in the latest sign of the growing sophistication of the country's military technology. (Chinatopix Via AP)

China's J-20 stealth fighter made its public debut at an air show on Tuesday, in the latest sign of the growing sophistication of the country's

military technology.

The fifth-generation warplane, which outwardly resembles the Lockheed Martin F-22 Raptor in service with the U.S. military, performed a series of maneuvers under overcast skies at Airshow China in the southern city of Zhuhai.

The long-range J-20, armed with air-to-air missiles, performed its first test flight in 2011 and has been the object of feverish attention by the nation's aviation buffs. At least six prototypes have been produced, according to an annual report on the Chinese military issued by the Pentagon this year.

The Pentagon says a second Chinese stealth fighter under development, the FC-31, is intended for export as a competitor to the U.S. F-35. The FC-31 first flew in 2012 and debuted at Zhuhai in 2014. China is the only country apart from the U.S. to have two concurrent stealth aircraft development programs.

While the planes' stealth capabilities remain a secret, the Pentagon said that China views the technology as key to its transformation from a "predominantly territorial air force to one capable of conducting both offensive and defensive operations."



In this image made from video, the J-20 stealth fighter jet flies at the China's International Aviation and Aerospace Exhibition in Zhuhai on Tuesday, Nov. 1, 2016. China's J-20 stealth fighter has made its public debut at Airshow China in the southern city of Zhuhai in the latest sign of the growing sophistication of the country's military technology. (AP Photo)

Air force leaders "believe stealth aircraft provide an offensive operational advantage that denies an adversary the time to mobilize and to conduct defensive operations," said the report, which estimated the two Chinese planes could enter service as early as 2018 and would "significantly improve China's existing fleet of fourth-generation aircraft ... to support regional air superiority and strike operations."

Among other recently developed Chinese aircraft appearing at the weeklong air show is the Y-20 large transport aircraft, with a maximum takeoff weight of around 200 tons. The plane is being introduced into the People's Liberation Army to carry out aerial command-and-control

operations and parachute drops.

Also featured is the CH-5 unmanned aerial vehicle, China's largest combat drone, which made its first flight last year and appears to be based on the U.S. MQ-9 reaper.



In this image made from video, the J-20 stealth fighter jet flies at the China's International Aviation and Aerospace Exhibition in Zhuhai on Tuesday, Nov. 1, 2016. China's J-20 stealth fighter has made its public debut at Airshow China in the southern city of Zhuhai in the latest sign of the growing sophistication of the country's military technology. (AP Photo)



In this image made from video, the J-20 stealth fighter jet flies at the China's International Aviation and Aerospace Exhibition in Zhuhai on Tuesday, Nov. 1, 2016. China's J-20 stealth fighter has made its public debut at Airshow China in the southern city of Zhuhai in the latest sign of the growing sophistication of the country's military technology. (AP Photo)



A Chinese Y-20 heavy strategic transport aircraft is displayed at China's International Aviation and Aerospace Exhibition in Zhuhai, China's Guangdong province, Tuesday, Nov. 1, 2016. Airshow China in the southern city of Zhuhai serves to showcase the growing sophistication of the country's military technology. (Chinatopix Via AP)

© 2016 The Associated Press. All rights reserved.

Citation: China's J-20 stealth fighter makes public air show debut (2016, November 1) retrieved 24 May 2024 from <https://phys.org/news/2016-11-china-j-stealth-fighter-air.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.