

# Russia readies new MiG-35 fighter jet

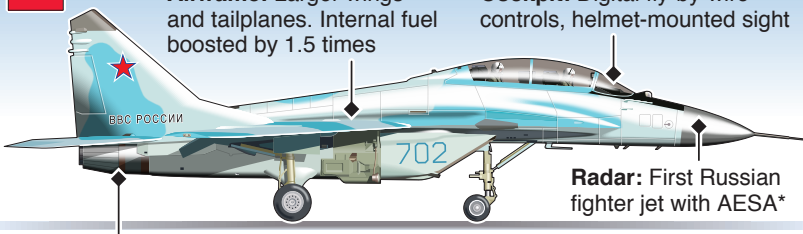
Russia's newest fighter jet, the MiG-35, which has been in development for over a decade, is expected to be showcased at the MAKS Air Show outside Moscow as engineers finalize testing on the aircraft

**MiG-35 FULCRUM-F:** *Upgraded version of MiG-29. First deliveries due 2019*



**Airframe:** Larger wings and tailplanes. Internal fuel boosted by 1.5 times

**Cockpit:** Digital fly-by-wire controls, helmet-mounted sight



**Radar:** First Russian fighter jet with AESA\*

**Engines:** 2 x Klimov RD-33 turbofans – 12 percent more power than previous models. Optional thrust vectoring

**Armament:** 30mm cannon, 7,000kg payload. Optical / laser targeting pod for precision attack

Maximum takeoff weight **29,700kg**

Engine thrust **176kN**

Speed **Mach 1.94 (2,400km/h)**

Range **2,000km**

## PERFORMANCE COMPARISON



**Eurofighter Typhoon:** *Multi-role jet*

Maximum takeoff weight **23,500kg**

Engine thrust **180kN**

Speed **Mach 2.0 (2,500km/h)**

Range **1,390km**

Armament **27mm cannon, 7,500kg payload**



**Lockheed Martin F-35 Lightning II**  
*U.S. stealth fighter*

Maximum takeoff weight **31,800kg**

Engine thrust **191kN**

Speed **Mach 1.6 (1,900km/h)**

Range **2,220km**

Armament **25mm cannon, 8,160kg payload**

\*Active electronically scanned array. Radar system produces signal emissions across wide range of frequencies, making detection and jamming more difficult