

Su-57 Felon - 2016

Russia [1992-]

Type: Fighter

Min Speed: 350 kt

Max Speed: 1000 kt

Commissioned: 2016

Length: 21.4 m

Wingspan: 14.3 m

Height: 6.0 m

Crew: 1

Empty Weight: 16500 kg

Max Weight: 38000 kg

Max Payload: 4500 kg

Propulsion: 2x AL-41F1A



Sensors / EW: - Himalayas [RWR] - ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

- N036 Byelka AESA - (Su-57) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Long-Range, Max range: 296.3 km

- PAK-FA L-Band Wing AESA Radar - (Su-57) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Medium-Range, Max range: 222.2 km

- Himalayas [DECM] - (PAK-FA) ECM, DECM, Defensive ECM, Max range: 0 km

- PAK-FA KS-B - (PAK-FA) Infrared, IRST, Imaging Infrared Search and Track, Max range: 185.2 km

- Generic MAWS - (PAK-FA) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km

- PAK-FA KS-B [Laser Rangefinder] - (PAK-FA) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 7.4 km

- PAK-FA KS-O - (Aft-Facing) Infrared, IRST, Imaging Infrared Search and Track, Max range: 185.2 km

Weapons / Loadouts:

- AA-12 Adder C [R-77M] - (PAK-FA, Izdeliye 180) Guided Weapon. Air Max: 138.9 km.

- AA-11 Archer [R-74M2] - (PAK-FA, Izdeliye 760) Guided Weapon. Air Max: 27.8 km.

- 2000 liter Drop Tank - Drop Tank.

- AA-13 Arrow [R-37M, RVV-BD] - (2015, Izdeliye 610M) Guided Weapon. Air Max: 296.3 km.

- AA-11 Archer [R-73M] - (1998, HMS) Guided Weapon. Air Max: 18.5 km.

- AS-11 Kilter [Kh-58UShK, ARM, Semi-Ballistic] - (PAK-FA) Guided Weapon. Surface Max: 240.8 km. Land Max: 240.8 km.

- PBK-500U Unitary [INS + GLONASS] - (2012?) Guided Weapon. Land Max: 27.8 km.

- PBK-500U SPBE-K [INS + GLONASS] - (2012?) Guided Weapon. Land Max: 27.8 km.

- AS-22 [Kh-38MKE] - (GLONASS) Guided Weapon. Land Max: 37 km.

- AS-17 Krypton C [Kh-31P, ARM] - Guided Weapon. Surface Max: 111.1 km. Land Max: 111.1 km.