

Su-35S Flanker E - 2019, Su-27M, UPAB

Russia [1992-]

Type: Fighter

Min Speed: 350 kt

Max Speed: 920 kt

Commissioned: 2019

Length: 21.9 m

Wingspan: 15.3 m

Height: 5.9 m

Crew: 1

Empty Weight: 18400 kg

Max Weight: 34500 kg

Max Payload: 8000 kg

Propulsion: 2x AL-41F1S [Saturn 117S] TVC

Sensors / EW: - OLS-35 [IRST] - Infrared, IRST, Imaging Infrared Search and Track, Max range: 185.2 km

- L-265V Khibiny-MV - (Su-35S) ECM, DECM, Defensive ECM, Max range: 0 km

- L-265V Khibiny-MV - (Su-35S) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

- Slot Back [Irbis-E PESA] - (Su-35S) Radar, Radar, FCR, Air-to-Air, Long-Range, Max range: 296.3 km

- OLS-35 [Laser Rangefinder] - (Su-35S) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 0 km

- Su-35S L-Band Wing Radar - (Su-35S) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Medium-Range, Max range: 222.2 km

- NPK SSP [MAWS] - (Su-35S) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km

Weapons / Loadouts:

- AA-12 Adder B [R-77-1, RVV-SD] - (2015, Izdeliye 170-1) Guided Weapon. Air Max: 111.1 km.

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

- AS-14 Kedge [Kh-29T] - (1985) Guided Weapon. Surface Max: 11.1 km. Land Max: 11.1 km.

- BetAB-500SP CB [12 x Anti-Runway Penetrator Bomblets] - Bomb. Land Max: 1.9 km.

- FAB-100M-62 GPB - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- FAB-250M-54 GPB - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

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- FAB-500M-54 GPB - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- FAB-500M-62 GPB - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- KAB-1500Kr TV/EO - Guided Weapon. Surface Max: 3.7 km. Land Max: 3.7 km.

- KAB-500Kr TV/EO - Guided Weapon. Surface Max: 3.7 km. Land Max: 3.7 km.

- OFAB-100-120 Frag - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- OFAB-250-270 Frag - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- RBK-250-PTAB CB [30 x PTAB-2.5 Anti-Tank Bomblets] - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- RBK-500-PTAB CB [268 x PTAB-1M Anti-Tank Bomblets] - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.

- S-13B 122mm Rocket [Penetrator] - (1984) Rocket. Surface Max: 3.7 km. Land Max: 3.7 km.

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- S-24B 240mm Rocket - Rocket. Surface Max: 3.7 km. Land Max: 3.7 km.
- S-5K 57mm Rocket - Rocket. Surface Max: 3.7 km. Land Max: 3.7 km.
- S-8KO 80mm Rocket [HEAT] - (1985) Rocket. Surface Max: 3.7 km. Land Max: 3.7 km.
- RBK-500-ZAB [117 x ZAB-2.5SM Incendiary] - Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.
- 2000 liter Drop Tank - Drop Tank.
- KAB-1500Kr-Pr TV/EO [Penetrator] - Guided Weapon. Surface Max: 3.7 km. Land Max: 3.7 km.
- AS-17 Krypton C [Kh-31P, ARM] - Guided Weapon. Surface Max: 111.1 km. Land Max: 111.1 km.
- AA-11 Archer [R-73M1] - (1998, HMS, Export) Guided Weapon. Air Max: 18.5 km.
- AS-17 Krypton D [Kh-31PD, ARM] - Guided Weapon. Surface Max: 203.7 km. Land Max: 203.7 km.
- AS-11 Kilter [Kh-58UShK, ARM, Semi-Ballistic] - (PAK-FA) Guided Weapon. Surface Max: 240.8 km. Land Max: 240.8 km.
- T220 Pod [FLIR, LRMTS + IRST, 12k ft] - (OLS I-220) Sensor Pod.
- AA-10 Alamo B [R-27T, MR IR] - (1984?) Guided Weapon. Air Max: 50 km.
- AS-20 Kayak [Kh-35U Star] - (2013, GLONASS) Guided Weapon. Surface Max: 259.3 km. Land Max: 259.3 km.
- AS-22 [Kh-38MLE] - (Laser) Guided Weapon. Surface Max: 37 km. Land Max: 37 km.
- KAB-500L LGB - (1980) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- KAB-1500L-Pr LGB [Penetrator] - Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- KAB-250LG-E - (2017 Laser Guided) Guided Weapon. Surface Max: 22.2 km. Land Max: 22.2 km.
- KAB-250S-E GLONASS - (2017 Satellite Guided) Guided Weapon. Land Max: 22.2 km.
- AA-10 Alamo A [R-27R, MR TSARH] - (1984) Guided Weapon. Air Max: 59.3 km.
- AA-10 Alamo C [R-27ER, LR TSARH] - (1987) Guided Weapon. Air Max: 92.6 km.
- AA-10 Alamo D [R-27ET, LR IR] - (1987) Guided Weapon. Air Max: 83.3 km.
- UPAB-500B (K08BE) - (2019) Guided Weapon. Surface Max: 39.8 km. Land Max: 39.8 km.
- UPAB-1500B (K029B) - (2019) Guided Weapon. Surface Max: 50 km. Land Max: 50 km.