F-22A Raptor - 2023

United States

Type: Multirole (Fighter/Attack)

Min Speed: 350 kt

Max Speed: 1000 kt

Commissioned: 2023

Length: 18.9 m

Wingspan: 13.6 m

Height: 5.08 m

Crew: 1

Empty Weight: 14365 kg

Max Weight: 38000 kg

Max Payload: 4500 kg

Propulsion: 2x F119-PW-100

Sensors / EW: - AN/ALR-94 - ESM, ELINT, Max range: 926 km
- AN/APG-77(V)1 AESA - (LPI) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Long-Range, Max range: 407.4 km
- AN/APG-77(V)1 OECM - (F-22, Similar to AN/APG-81 OECM) ECM, OECM, Offensive ECM, Max range: 0 km
- AN/AAR-56 PMAWS - (F-22) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km

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Weapons / Loadouts:
- 600 USG Drop Tank - Drop Tank.
- AIM-9X-2 Sidewinder Blk II - (2016) Guided Weapon. Air Max: 25.9 km.
- AIM-120D AMRAAM P3I.4 - (2015, AIM-120C-8) Guided Weapon. Air Max: 160 km.
- GBU-32(V)1/B JDAM [Mk83] - (USAF, 2006) Guided Weapon. Land Max: 24.1 km.
- GBU-39/B SDB - (USAF, 2006) Guided Weapon. Land Max: 111.1 km.
- GBU-53/B StormBreaker - (2018, SDB II) Guided Weapon. Surface Max: 111.1 km. Land Max: 111.1 km.
- AIM-260 JATM - (2022) Guided Weapon. Air Max: 222.2 km.
- AIM-9X-3 Sidewinder Blk II+ - (2019, Extended Range) Guided Weapon. Air Max: 40.7 km.
- GBU-134 JDAM [BLU-134 500lb Superfrag] - (USAF) Guided Weapon. Land Max: 24.1 km.
- GBU-136 NGAAW JDAM [BLU-136] - (USAF, Next Generation Area Attack Weapon) Guided Weapon. Land Max: 24.1 km.