F-14E Advanced Super Tomcat-21 [AST-21] - 2005

United States

Type: Fighter

Min Speed: 350 kt

Max Speed: 920 kt

Commissioned: 2005

Length: 19.2 m

Wingspan: 19.6 m

Height: 4.9 m

Crew: 2

Empty Weight: 20292 kg

Max Weight: 34470 kg

Max Payload: 5900 kg

Propulsion: 2x F110-GE-429

Sensors / EW: - AN/APG-71(V) [AST-21 Upgrade] - (Advanced Super Tomcat-21, LPI) Radar, Radar, FCR, Air-to-Air & Air-to-Surface, Long-Range, Max range: 333.4 km
- AN/AAS-42 - (Advanced Super Tomcat-21, LPI) Infrared, IRST, Imaging Infrared Search and Track, Max range: 185.2 km
- AN/ALR-67(V)3 - (Advanced Super Tomcat-21, LPI) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- AN/ALQ-165 ASPJ - (Advanced Super Tomcat-21, LPI) ECM, DECM, Defensive ECM, Max range: 0 km
- AN/AXX-1 TCS - (Advanced Super Tomcat-21, LPI) Visual, Visual, Target Search, Slaved Tracking and Identification TV Camera, Max range: 185.2 km

---

Weapons / Loadouts:
- AIM-120C-5 AMRAAM P3I.2 - (2003) Guided Weapon. Air Max: 105 km.
- 480 USG Drop Tank - Drop Tank.
- AIM-9X Sidewinder - (2005) Guided Weapon. Air Max: 25.9 km.
- AIM-152A AAAM [H/R] - (Hughes/Raytheon) Guided Weapon. Air Max: 296.3 km.
- ADM-141C TALD [Active RF] - (1999) Decoy (Vehicle). Surface Max: 296.3 km. Land Max: 296.3 km.
- AGM-154A JSOW [145 x BLU-97/B Dual Purpose] - (2000) Guided Weapon. Land Max: 116.7 km.
- Night Owl Attack Pod [FLIR + LRMTS, 40k ft] - (LANTIRN Compeditor, Ford Aerospace) Sensor Pod.
- Night Owl Navigation Pod [FLIR + TFR] - (LANTIRN Compeditor, Ford Aerospace) Sensor Pod.
- AGM-65F Maverick IR - (1990) Guided Weapon. Surface Max: 14.8 km. Land Max: 14.8 km.
- AGM-84G Harpoon ICR - (1998) Guided Weapon. Surface Max: 138.9 km.
- AGM-84K SLAMER-ATA - (2003) Guided Weapon. Surface Max: 277.8 km. Land Max: 277.8 km.
- AN/AWW-13 Datalink Pod - Sensor Pod.
- AGM-88C HARM - (1994) Guided Weapon. Surface Max: 129.6 km. Land Max: 129.6 km.
- CBU-59/B APAM [717 x BLU-77/B Dual-Purpose Bomblets] - (Mk7 Dispenser) Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.
- CBU-78/B GATOR [45 x BLU-91/B Bomblets + 15 x BLU-92/B Mines] - (Mk7 Dispenser) Bomb. Surface Max: 1.9

km. Land Max: 1.9 km.
- GBU-10E/B Paveway II LGB [Mk84] - (USAF) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- GBU-10J/B Paveway II LGB [BLU-109/B] - Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- GBU-12D/B Paveway II LGB [Mk82] - Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- GBU-16B/B Paveway II LGB [Mk83] - (USN) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.
- GBU-24B/B Paveway III LGB [BLU-109A/B] - (USN) Guided Weapon. Surface Max: 14.8 km. Land Max: 14.8 km.
- GBU-24D/B Paveway III LGB [BLU-116/B] - (USN, 2001, First delivered 1999) Guided Weapon. Surface Max: 14.8 km. Land Max: 14.8 km.
- GBU-24E/B Paveway III GPS/LGB [BLU-109A/B] - (USN, 2001) Guided Weapon. Surface Max: 14.8 km. Land Max: 14.8 km.
- GBU-31(V)2/B JDAM [Mk84] - (USN, 2000) Guided Weapon. Land Max: 24.1 km.
- GBU-31(V)4/B JDAM [BLU-109A/B] - (USN) Guided Weapon. Land Max: 24.1 km.
- GBU-32(V)2/B JDAM [Mk83] - (USN, 2001) Guided Weapon. Land Max: 24.1 km.
- Mk20 Rockeye II CB [247 x Mk118 Dual Purpose Bomblets] - (1969, Mk7 Dispenser) Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.
- Mine [Mk62 Quickstrike Mk82] - (1982) Bottom Mine.
- Mine [Mk63 Quickstrike Mk83] - (1982) Bottom Mine.
- Mine [Mk65 Mod 0 Quickstrike 2000lb] - (1984, 90m max depth) Bottom Mine.
- Mk82 500lb LDGP - (1954) Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.
- Mk82 500lb Snake Eye - (USN: 1967, USAF: 1970, Retarded) Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.
- Mk83 1000lb LDGP - (1954) Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.
- Mk84 2000lb LDGP - (1955) Bomb. Surface Max: 1.9 km. Land Max: 1.9 km.
- LA-610 TARPS Pod [IR + EO] - Sensor Pod.
- AN/ALQ-167 Bullwinkle DECM Pod - Sensor Pod.
- AGM-154C JSOW [BROACH] - (2004) Guided Weapon. Surface Max: 116.7 km. Land Max: 116.7 km.
- GBU-38(V)2/B JDAM [Mk82] - (USN, 2005) Guided Weapon. Land Max: 24.1 km.