

CVN 77 George Bush [Nimitz Class] - 2020 171mm CAT removed

United States

Type: CVN - Nuclear Powered Aircraft Carrier

Max Speed: 35 kt

Commissioned: 2020

Length: 332.9 m

Beam: 40.8 m

Draft: 11.0 m

Crew: 5680

Displacement: 84000 t

Displacement Full: 100000 t

Propulsion: 2x A4W Nuclear Reactors

Sensors / EW:

- AN/WLR-1H(V)7 - ESM, ELINT, Max range: 926 km
- AN/SLQ-32(V)4 [ECM] - (Group) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- AN/SLQ-32(V)4 [ESM] - (Group) ESM, ELINT, Max range: 926 km
- AN/SPS-67(V)1 - (1982) Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- AN/SPS-48E NTU - (1988) Radar, Radar, Air Search, 3D Long-Range, Max range: 407.4 km
- AN/SPQ-9B - (2001) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 46.3 km
- AN/SPS-64(V)9 [RM 1220 6X] - (20kW, USN, 1x antenna) Radar, Radar, Surface Search & Navigation, Max range: 37 km
- AN/SPS-49A(V)1 - (20kW, USN, 1x antenna) Radar, Radar, Air Search, 2D Long-Range, Max range: 463 km
- AN/SPN-43C - (1994) Radar, Radar, Shipboard Air Traffic Control (SATC), Max range: 129.6 km
- Mk95 [EO] - (Mk6 Mod 0, Mk91 FCS) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 148.2 km
- Mk95 [Radar] - (MFCR, Mk91 FCS) Radar, Radar Illuminator, Medium-Range, Max range: 118.5 km

Weapons / Loadouts:

- RIM-162D ESSM - (2004, Mk29) Guided Weapon. Air Max: 55.6 km. Surface Max: 46.3 km.
- AN/SLQ-25A Nixie - Decoy (Towed). Surface Max: 1.9 km.
- RIM-116C RAM Blk II - (2015) Guided Weapon. Air Max: 18.5 km. Surface Max: 18.5 km.
- 12.7mm/50 MG Burst [10 rnds] - (Facility/Ship, No Anti-Air Capability) Gun. Surface Max: 1.9 km. Land Max: 1.9 km.