

SSBN 734 Tennessee [Ohio Class] - 2020 Trident D5, 4 VLS Tubes Deactivated

United States

Type: SSBN - Nuclear Powered Ballistic

Missile Submarine

Max Depth: -300 m

Max Speed: 25 kt

Commissioned: 2020

Length: 170.0 m

Beam: 13.0 m

Draft: 10.8 m

Crew: 155

Displacement: 16765 t

Displacement Full: 18750 t

Propulsion: 1x General Electric S8G Nuclear
Reactor

Sensors / EW:

- AN/TB-29A - (2004, Thin Line) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Thin Line Towed Array Sonar System, Max range: 185.2 km
- AN/WLY-1 - (2005) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept & Torpedo Warning, Max range: 27.8 km
- AN/BQQ-10 - (Virginia) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 129.6 km
- AN/BPS-15A - (Virginia) Radar, Radar, Surface Search, Medium-Range, Max range: 166.7 km
- AN/BQR-19 - (Virginia) Hull Sonar, Active-Only, Hull Sonar, Active-Only Anti-Collision & Navigation, Max range: 0.7 km
- AN/BLQ-10(V)5 - (Ohio SSBN) ESM, SIGINT (ELINT & COMINT) w/ OTH Targeting, Max range: 926 km
- Generic Submarine Periscope, Optical - (2000s, 1.5x/12x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km
- Generic Submarine Periscope, LLTV - (2000s/2010s, Gen 3, 1.5x/8x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 41.7 km

Weapons / Loadouts:

- UGM-133 Trident II D5 (8x W76-0 Nuclear 100kT) - (1991) Guided Weapon. Land Max: 12038 km.
- UGM-133 Trident II D5 (8x W76-1 Nuclear 90kT) - (2019) Guided Weapon. Land Max: 12038 km.
- UGM-133 Trident II D5 (8x W76-2 Nuclear (6.5kT)) - (2019) Guided Weapon. Land Max: 12038 km.
- UGM-133 Trident II D5 (8x W88 Nuclear [475kT]) - Guided Weapon. Land Max: 12038 km.
- Mk48 Mod 7 ADCAP CBASS - (2008, Shallow Water) Torpedo. Surface Max: 38.9 km. Subsurface Max: 38.9 km.
- ADC Mk4 Mod 1 Sonar Jammer - (2004, 6-inch) Decoy (Expendable). Subsurface Max: 1.9 km.
- ADC Mk3 Mod 1 Torpedo Countermeasure - (2004, 6-inch) Decoy (Expendable). Subsurface Max: 1.9 km.
- ADC Mk2 Mod 3 Torpedo Decoy - (2007, 3-inch) Decoy (Expendable). Subsurface Max: 1.9 km.
- ADC Mk2 Mod 0 Torpedo Decoy - (1979, 3-inch) Decoy (Expendable). Subsurface Max: 1.9 km.

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