SSN 771 Columbia [Improved Los Angeles Class] - 2021 UGM-84D Re-Equipped

United States

Type: SSN - Nuclear Powered Attack Submarine

Max Depth: -300 m

Max Speed: 32 kt

Commissioned: 2021

Length: 109.7 m

Beam: 10.1 m

Draft: 9.75 m

Crew: 129

Displacement: 6330 t

Displacement Full: 7177 t

Propulsion: 1x S6G 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/BLQ-10(V)2 - (Los Angeles) ESM, SIGINT (ELINT & COMINT) w/ OTH Targeting, Max range: 926 km
- AN/WLR-9A - (AN/BLR-14, Sonar Warning Receiver) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept & Torpedo Warning, Max range: 27.8 km
- AN/BPS-15A - (AN/BLR-14, Sonar Warning Receiver) Radar, Radar, Surface Search, Medium-Range, Max range: 166.7 km
- AN/TB-34 - (2007, 2600ft Fat-Line) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Fat Line Towed Array Sonar System, Max range: 148.2 km
- AN/BQS-15 - (2007, 2600ft Fat-Line) Hull Sonar, Active-Only, Hull Sonar, Active-Only Under-Ice Navigation and Mine & Obstacle Avoidance, Max range: 0.7 km
- AN/BQQ-10 - (Los Angeles) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 129.6 km
- Generic Submarine Periscope, Optical - (2010s, 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

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Weapons / Loadouts:
- UGM-109C Tomahawk Blk III TLAM - (1994, TT) Guided Weapon. Land Max: 1666.8 km.
- UGM-109E Tomahawk Blk IV TACTOM - (2008, TT) Guided Weapon. Land Max: 1600.1 km.
- UGM-109D Tomahawk Blk III TLAM - (1996, TT) Guided Weapon. Land Max: 1296.4 km.
- Mk48 Mod 7 ADCAP CBASS - (2008, Shallow Water) Torpedo. Surface Max: 38.9 km. Subsurface Max: 38.9 km.
- UGM-109I Tomahawk Blk IV MMT [Multi-Mission] - (2015, TT, ASuW Capable) Guided Weapon. Surface Max: 1600.1 km. Land Max: 1600.1 km.

- UGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 km.
- UGM-109C Tomahawk Blk III TLAM - (1994, VLS) Guided Weapon. Land Max: 1296.4 km.
- UGM-109D Tomahawk Blk III TLAM - (1996, VLS) Guided Weapon. Land Max: 1296.4 km.
- UGM-109E Tomahawk Blk IV TACTOM - (2005, VLS) Guided Weapon. Land Max: 1600.1 km.
- UGM-109I Tomahawk Blk IV MMT [Multi-Mission] - (2015, VLS, ASuW Capable) Guided Weapon. Surface Max: 1600.1 km. Land Max: 1600.1 km.
- ADC Mk2 Mod 0 Torpedo Decoy - (1979, 3-inch) Decoy (Expendable). Subsurface Max: 1.9 km.
- ADC Mk4 Mod 1 Sonar Jammer - (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 Mk3 Mod 1 Torpedo Countermeasure - (2004, 6-inch) Decoy (Expendable). Subsurface Max: 1.9 km.