CGN 42 Virginia [VLS] - 1998

United States

Type: CGN - Nuclear Powered Guided Missile Cruiser

Max Speed: 36 kt

Commissioned: 1998

Length: 178.0 m

Beam: 19.2 m

Draft: 9.6 m

Crew: 554

Displacement: 10000 t

Displacement Full: 11300 t

Propulsion: 2x D2G Nuclear Reactors

Sensors / EW:
- AN/SPS-49(V)7 AEGIS - Radar, Radar, Air Search, 2D Long-Range, Max range: 463 km
- AN/SPS-64(V)9 [RM 1220 6X] - (20kW, USN, 1x antenna) Radar, Radar, Surface Search & Navigation, Max range: 37 km
- AN/SLQ-32(V)3 [ECM] - (Group, 1983) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- AN/SLQ-32(V)3 [ESM] - (Group, 1983) ESM, ELINT, Max range: 926 km
- AN/SPQ-9 [Mk86 GFCS] - (Group, 1983) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 37 km
- AN/SPS-55 - (Group, 1983) Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- AN/SQS-53A - (1976) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- AN/SPY-1A MFR - (Improved, NCTR Upgr?) Radar, Radar, FCR, Surface-to-Air, Long-Range, Max range: 324.1 km
- AN/SPG-62 [Mk99 FCS] - (Improved, NCTR Upgr?) Radar, Radar Illuminator, Long-Range, Max range: 305.6 km
- Mk1 Mod 2 ROS - (Improved, NCTR Upgr?) Visual, LLTV, Weapon Director & Target Search, Slaved Tracking and Identification, Max range: 185.2 km
- AN/SQR-19B(V)1 TACTAS - (1992, CG Version) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 129.6 km

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Weapons / Loadouts:
- RUM-139B VLA [Mk46 Mod 5A(SW)] - (1998) Guided Weapon. Subsurface Max: 16.7 km.
- RIM-66M-2 SM-2MR Blk IIIA - (AEGIS VLS) Guided Weapon. Air Max: 166.7 km. Surface Max: 46.3 km.
- RGM-109D Tomahawk Blk III TLAM-D - (1996) Guided Weapon. Land Max: 1296.4 km.
- RGM-109C Tomahawk Blk III TLAM-C - (1994) Guided Weapon. Land Max: 1296.4 km.
- RIM-66M-1 SM-2MR Blk III - (1991, AEGIS VLS) Guided Weapon. Air Max: 92.6 km. Surface Max: 46.3 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.
- RGM-84G Harpoon ICR - (1998) Guided Weapon. Surface Max: 138.9 km.

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- Mk46 NEARTIP Mod 5A(S) - (1997) Torpedo. Subsurface Max: 7.4 km.
- Mk50 Barracuda Mod 0 ALWT - (1991) Torpedo. Subsurface Max: 7.4 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.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.
- Mk216 Sea Gnat Chaff [Distraction] - (1988) Decoy (Expendable). Surface Max: 1.9 km.
- Mk245 GIANT Flare - (1997, DM19A1) Decoy (Expendable). Surface Max: 1.9 km.
- 127mm/54 HE-CVT [HiFrag] - (USN) Gun. Air Max: 2.8 km. Surface Max: 20.4 km. Land Max: 20.4 km.
- 127mm/54 HE-PD [HiCap] - (USN) Gun. Air Max: 2.8 km. Surface Max: 20.4 km. Land Max: 20.4 km.
- 127mm/54 WP - (USN) Gun. Surface Max: 20.4 km. Land Max: 20.4 km.
- 20mm/85 Mk15 Phalanx Blk 1 Burst [300 rnds] - Gun. Air Max: 1.5 km.
- 25mm/75 Bushmaster Mod 1 Burst [12 rnds] - Gun. Air Max: 1.5 km. Surface Max: 2.8 km. Land Max: 2.8 km.