

SV-22D Osprey - 1998, Proposed ASW variant of V-22 Osprey, S-3B Viking replacement

United States

Type: Anti-Submarine Warfare (ASW)

Min Speed: 140 kt

Max Speed: 305 kt

Commissioned: 1998

Length: 17.5 m

Wingspan: 14.0 m

Height: 5.5 m

Crew: 4

Empty Weight: 15032 kg

Max Weight: 27400 kg

Max Payload: 9000 kg

Propulsion: 2x T406-AD-400

Sensors / EW: - AN/ALR-76 - ESM, ELINT, Max range: 926 km

- AN/APS-137(V)1 ISAR - (S-3B) Radar, Radar, Surface Search, Long-Range, Max range: 370.4 km

- OR-89/AA - (S-3B) Infrared, Infrared, Surveillance FLIR, Max range: 55.6 km

- AN/ASQ-81(V)3 - (S-3A) MAD, MAD, Max range: 1.9 km

- AN/AQS-22 ALFS - (FLASH) Dipping Sonar, Active/Passive, Dipping Sonar, Active/Passive Shallow Water Search & Track, Max range: 14.8 km

- AN/ALQ-157 - (1985, Matador) ECM, IRCM, Max range: 0 km

- AN/AAR-47(V) - (1985, Matador) Infrared, MAWS, Missile Approach Warning System, Max range: 9.3 km

Weapons / Loadouts:

- 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.

- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.

- AN/SSQ-53D DIFAR - (1992, A-Size, 99 Chn, 27/121/304m, 0.5/1/2/4/8hrs) Sonobuoy.

- AN/SSQ-62C DICASS - (1997-2002, A-Size, 86 Chn, 27/121/457m) Sonobuoy.

- Mk46 NEARTIP Mod 5A(SW) - (1997) Torpedo. Subsurface Max: 7.4 km.

- Mk50 Barracuda Mod 0 ALWT - (1991) Torpedo. Subsurface Max: 7.4 km.

- Generic Buddy Store - Buddy Store.

- 5400kg Bladder Tank - Ferry Tank.