

F 81 Santa Maria [Perry] - 1994

Spain

Type: FFG - Guided Missile Frigate

Max Speed: 33 kt

Commissioned: 1994

Length: 138.1 m

Beam: 14.3 m

Draft: 7.5 m

Crew: 176

Displacement: 3610 t

Displacement Full: 4175 t

Propulsion: 2x General Electric LM-2500 Gas

Turbines, COGAG



Sensors / EW:

- Telegon 4 - (AK 1200) ESM, HF/DF, Max range: 926 km
- EN/Mk9000 Elnath [TRS-600] - (SCR-390) ESM, COMINT, Max range: 926 km
- RAN-12L/X - (SPQ-712, Meroka Search Radar) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 46.3 km
- EN/Mk9000 Elnath [TRQ-700] - (SCR-390) ECM, Communications Jammer, Max range: 0 km
- Mk92 Mod 2 CAS - (GFCS, WM.28) Radar, Radar, FCR, Weapon Director, Max range: 118.5 km
- DE 1160B - (Export Version) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 9.3 km
- AN/SQR-19A(V)2 TACTAS - (Perry) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 129.6 km
- AN/SPS-55 - (Perry) Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- AN/SPS-49(V)4 - (Perry) 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
- STING-CW [Radar] - (Group, CWI, Missile) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Short-Range, Max range: 74.1 km
- STING-CW [TV Camera] - (Group, CWI, Missile) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 148.2 km
- EN/SLQ-610 Nettunel Mk3200 [ELT 318/521, ECM] - (Spain Canopus) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- EN/SLQ-610 Nettunel Mk3200 [ELT 211, ESM] - (Spain, Deneb) ESM, ELINT, Max range: 926 km

Weapons / Loadouts:

- 76mm/62 Compact HE Burst [4 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.

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- 20mm/120 Meroka Mod 2 Burst [144 rnds] - (1986) Gun. Air Max: 1.5 km.
- Mk216 Sea Gnat Chaff [Distraction] - (1988) Decoy (Expendable). Surface Max: 1.9 km.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.
- Mk186 TORCH Flare [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.
- RIM-66E SM-1MR Blk VI - (1986) Guided Weapon. Air Max: 46.3 km. Surface Max: 46.3 km.
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
- RGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 km.