

## F 101 Alvaro De Bazan - 2009

### Spain

Type: FFG - Guided Missile Frigate

Max Speed: 27 kt

Commissioned: 2009

Length: 146.7 m

Beam: 18.6 m

Draft: 4.8 m

Crew: 240

Displacement: 4555 t

Displacement Full: 5802 t

Propulsion: 2x Caterpillar-Bazan 3600 Diesels,

2x General Electric LM-2500 Gas Turbines,

CODOG



#### Sensors / EW:

- EN/Mk9500 Regulus [Comms Jammer] - ECM, Communications Jammer, Max range: 0 km
- EN/Mk9500 Regulus [Comms Monitor] - ESM, COMINT, Max range: 926 km
- DE 1160LF - Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 14.8 km
- AN/SPY-1D MFR - Radar, Radar, FCR, Surface-to-Air, Long-Range, Max range: 324.1 km
- AN/SPG-62 [Mk99 FCS] - Radar, Radar Illuminator, Long-Range, Max range: 305.6 km
- AN/SPS-67(V)4 - Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- SIRIUS - Infrared, Infrared, Target Indicator Camera, Max range: 0 km
- EN/SLQ-380 Aldebaran Mk3300 [ECM] - ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- EN/SLQ-380 Aldebaran Mk3300 [ESM] - ESM, ELINT, Max range: 926 km
- DORNA [IR] - (Group) Infrared, Infrared, Weapon Director Camera, Max range: 185.2 km
- DORNA [Radar Tracker] - (Group) Radar, Radar, FCR, Weapon Director, Max range: 11.1 km
- DORNA [TV Camera] - (Group) Visual, Visual, Weapon Director TV Camera, Max range: 185.2 km
- DORNA [Laser Rangefinder] - (Group) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 0 km

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#### Weapons / Loadouts:

- 20mm/70 Oerlikon Mk7 Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land 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.
- RGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 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.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.
- RIM-66M-2 SM-2MR Blk IIIA - (AEGIS VLS) Guided Weapon. Air Max: 92.6 km. Surface Max: 46.3 km.
- RIM-162A ESSM - (2004, AEGIS, Mk41) Guided Weapon. Air Max: 55.6 km. Surface Max: 46.3 km.
- AN/SLQ-25A Nixie - Decoy (Towed). Surface Max: 1.9 km.

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