

F 145 Amatola [Meko A-200SAN, Valour Class] - 2004

South Africa

Type: FFG - Guided Missile Frigate

Max Speed: 31 kt

Commissioned: 2004

Length: 121.0 m

Beam: 16.3 m

Draft: 4.4 m

Crew: 100

Displacement: 3200 t

Displacement Full: 3590 t

Propulsion: 2x MTU 16V 1163 TB93 Diesels,

1x General Electric LM-2500 Gas Turbine,

CODAG



Sensors / EW:

- TRS 5204 MRR - (Multi-Role Radar) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 70.4 km
- UMS 4132 Kingklip - (Multi-Role Radar) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- Shrike SME - (South Africa, Grintek) ESM, ELINT, Max range: 926 km
- RTS 6400 [Radar] - (Group) Radar, Radar, FCR, Weapon Director, Max range: 59.3 km
- RTS 6400 [IR] - (Group) Infrared, Infrared, Weapon Director & Target Search, Slaved Tracking and Identification Camera, Max range: 185.2 km
- RTS 6400 [CCD] - (Group) Visual, LLTV, Weapon Director & Target Search, Slaved Tracking and Identification, Max range: 185.2 km
- RTS 6400 [Laser Rangefinder] - (Group) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 7.4 km
- Scout Mk.2 - (Group) Radar, Radar, Surface Search & Navigation, Max range: 44.4 km

Weapons / Loadouts:

- MM.40 Exocet Blk II - (1994) Guided Weapon. Surface Max: 66.7 km.
- 20mm/80 Rhinemetall Mk20 Rh202 Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land Max: 1.9 km.
- 35mm Twin Denel (LIW) Burst [20 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km. Land Max: 2.8 km.
- Umkhonto-IR Mk1 - (South Africa, 2004, SAM) Guided Weapon. Air Max: 11.1 km.
- Ultra Barricade Chaff Rocket LR - Decoy (Expendable). Surface Max: 1.9 km.
- Ultra Barricade Chaff - Decoy (Expendable). Surface Max: 1.9 km.
- Ultra Barricade Flare - Decoy (Expendable). Surface Max: 1.9 km.
- 76mm/62 Compact HE Burst [4 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.