

F 150 President Kruger [Type 12M Rothesay Class] - 1970

South Africa

Type: FF - Frigate

Max Speed: 30 kt

Commissioned: 1970

Decommissioned: 1985

Length: 112.7 m

Beam: 12.5 m

Draft: 5.2 m

Crew: 235

Displacement: 2150 t

Displacement Full: 2560 t

Propulsion: 2x Babcock & Wilcox boilers, 2x

English Electric Steam Turbines



Sensors / EW:

- Type 170B - (1956, Limbo Director, Visual & Radar Data) Hull Sonar, Active-Only, Hull Sonar, Active-Only Mortar Fire Control, Max range: 1.9 km

- UA-13 HF/DF - (FH-5, SPR-2, Assoc w Type 668) ESM, HF/DF, Max range: 926 km

- UA-3 - (FH-5, SPR-2, Assoc w Type 668) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

- Type 975 [KH 14/12] - (FH-5, SPR-2, Assoc w Type 668) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km

- Type 668 - (Assoc w UA-13) ECM, OECM, Offensive ECM, Max range: 0 km

- Type 177 - (1958, Search) Hull Sonar, Active-Only, Hull Sonar, Active-Only Search, Max range: 5.6 km

- Type 162 Cockshafer - (1958, Search) Hull Sonar, Active-Only, Hull Sonar, Active-Only Bottom Profiler, Max range: 0.7 km

- Type 293Q - (1958, Search) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 46.3 km

- Type 275 [Radar] - (Group, 1945, GFC 114mm) Radar, Radar, FCR, Weapon Director, Max range: 29.6 km

- Type 275 [Visual Camera] - (Group, 1945, GFC 114mm) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km

- DRBV 22A Jupiter - (Group, 1945, GFC 114mm) Radar, Radar, Air Search, 2D Medium-Range, Max range: 129.6 km

Weapons / Loadouts:

- Mk10 Limbo ASW Mortar Salvo [3 rnds] - Rocket. Subsurface Max: 0.9 km.

- 40mm/70 Mk9 Single Bofors Burst [4 rnds] - Gun. Air Max: 2.2 km. Surface Max: 5.6 km. Land Max: 5.6 km.

- 114mm/45 Mk6 Twin HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 18.5 km. Land Max: 18.5 km.

- Mk44 Mod 1 - (1959, Major version) Torpedo. Subsurface Max: 3.7 km.

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OVERVIEW: The ROTHESAY/PRESIDENT class (Type 12M) is a steam-powered guided missile Frigate (FFG) primarily intended for ASW.

DETAILS: The ROTHESAY/PRESIDENT class was originally designed as an ASW escort for fleet units.

Specifications:

Displacement: 2,380 tons (standard); 2,800 (full load)

Speed: 30 knts

Engineering: 2 shaft, 2 steam turbines

Range: 4,500 nm @ 12 knts

Complement: 203

In Commission: 1962-1985

Completed: 3 (South Africa) 9 (Royal Navy) 2 (New Zealand)

NOTES: Units in class: PRESIDENT KRUGER (F150); PRESIDENT STEYN (F147); PRESIDENT PRETORIUS (F145). A successful design, the Type 12M design was subsequently modified to create the LEANDER-class frigate. The ROTHESAY class was also used by the Royal and New Zealand navies.

SOURCES: Moore, John Evelyn. Jane's Fighting Ships 1987-88. London: Jane's Pub, 1987, pg. 458, 668 ;

"Rothesay-class Frigate." Wikipedia, the Free Encyclopedia. Accessed May 18, 2015.

http://en.wikipedia.org/wiki/Rothesay-class_frigate ; <http://www.leander-project.homecall.co.uk/Type%2012m.html>.