F 452 Hydra [Meko 200HN] - 2005

Greece



Type: FFG - Guided Missile Frigate
Max Speed: 31 kt
Commissioned: 2005
Length: 117.5 m
Beam: 14.8 m
Draft: 4.1 m
Crew: 173
Displacement: 2710 t
Displacement Full: 3300 t
Propulsion: 2x MTU 20V 956 TB82 Diesels, 2x General Electric LM-2500-30, CODOG

Sensors / EW:
- MW.08 - (1991) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 88.9 km
- AR-700A(V)1 APECS II - (ASP-2000) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- DA.08/1 - (Single Beam, PFN 513, AN/SPQ-50) Radar, Radar, Air & Surface Search, 2D Medium-Range, Max range: 185.2 km
- DE 1160B [DE 1164 Integrated Suite] - (DE 1160 Hull + DE 1163 VDS) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 9.3 km
- AR-700A(V)1 - (ASP-2000, Assoc w APECS II) ESM, ELINT, Max range: 926 km
- Decca 2690 Master - (ASP-2000, Assoc w APECS II) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- SAR-8 - (ASP-2000, Assoc w APECS II) Infrared, Infrared, Surveillance Camera, Max range: 55.6 km
- Telegon 10 - (PGS 1720) ESM, HF/DF, Max range: 926 km
- STIR 180 [Radar] - (Sea Sparrow) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Short-Range, Max range: 59.3 km
- STIR 180 [IR Camera] - (Sea Sparrow) Infrared, Infrared, Target Tracking and Identification Camera, Max range: 185.2 km
- STIR 180 [TV Camera] - (Sea Sparrow) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 185.2 km
- DE 1163 VDS [DE 1164 Integrated Suite] - (DE 1160 Hull + DE 1163 VDS) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 9.3 km

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Weapons / Loadouts:
- 20mm/85 Mk15 Phalanx Blk 1 Burst [300 rnds] - Gun. Air Max: 1.5 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.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.

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- RGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 km.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.
- Mk216 Sea Gnat Chaff [Distraction] - (1988) Decoy (Expendable). Surface Max: 1.9 km.
- DM19A2 Flare [Mk245 GIANT] - Decoy (Expendable). Surface Max: 1.9 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.
- RIM-7M Sea Sparrow - (1985) Guided Weapon. Air Max: 25.9 km. Surface Max: 25.9 km.