

AW.101 Merlin Mk.110 ASW [SH-101A] - 2005, EH.101

Italy

Type: Anti-Submarine Warfare (ASW)

Min Speed: 55 kt

Max Speed: 160 kt

Commissioned: 2005

Length: 19.5 m

Wingspan: 4.5 m

Height: 6.6 m

Crew: 2

Empty Weight: 11500 kg

Max Weight: 15600 kg

Max Payload: 5400 kg

Propulsion: 3x RTM 322-01/8



Sensors / EW: - MM/APS-717 - Radar, Radar, Surface Search, Long-Range, Max range: 370.4 km

- Generic MAD - MAD, MAD, Max range: 1.9 km

- HELRAS-2 - (LF-equivalent to AQS-18) Dipping Sonar, Active/Passive, Dipping Sonar, Active/Passive Search & Track, Max range: 20.4 km

- GaliFlir - (FLIR) Infrared, Infrared, Surveillance Camera, Max range: 55.6 km

- ELT-156X(V)2 - (EH.101) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

- MM/ALR-735(V)3 - (EH.101) ESM, ELINT, Max range: 926 km

Weapons / Loadouts:

- MU-90 Impact - (2003, Ex-Murene, Ex-A.290) Torpedo. Subsurface Max: 7.4 km.

- AN/SSQ-53E DIFAR - (1999, A-Size, 99 Chn, 27/60/121/304m, 0.5/1/2/4/8hrs) Sonobuoy.

- AN/SSQ-62D DICASS - (A-Size, 86 Chn, 15/27/45/91/121/457m) Sonobuoy.