

Otomat Mk2 Mod I (1980)

Guided Weapon

Type: Guided Weapon

Weight: 770.0 kg

Length: 4.46 m

Span: 1.35 m

Length: 4.46 m

Diameter: 0.4

Generation: None



Properties: Home On Jam (HOJ), Flight Profile - Terrain Following, Search Pattern, Weapon - INS Navigation, Terminal Maneuver - Pop-Up, Flight Profile - Level Cruise Flight
Targets: Surface Vessel

Sensors / EW:

- Active Radar Seeker - (ASM MR, Otomat Mk2) Radar, Weapon Seeker, Active Radar, Max range: 9.3 km
- Passive Radar Seeker - (Otomat Mk2) ESM, Weapon Seeker, Anti-Radiation, Max range: 18.5 km

Weapons / Loadouts:

- Otomat Mk2 Mod I - (1980) Guided Weapon. Surface Max: 185.2 km.

OVERVIEW: The Otomat Mk2 Mod 1 is a medium range, turbojet-powered, anti-ship missile equipped with an active seeker.

DETAILS: Unlike its predecessor Otomat Mk1, the Mk 2 features a data link, allowing it to receive targeting information from air and surface platforms other than the launcher.

After being boosted from its launching platform by two jettisonable solid-fuel boosters, the missile descends to a cruising altitude of 20 meters, using inertial navigation system during the mid-course phase. At a predetermined point from the target the X-band active radar performs a left-right scan search, until the target is acquired. The missile then enters a sea-skimming attack phase. After impact, the 210 kilogram SAP warhead explodes inside the ship with the force of the explosion directed to the bottom of the target ship.

NOTES: Entered service in 1984. The Mk 2 version featured folding wings, increasing the number of missiles that could be carried by a platform. In service with Bangladesh, Egypt, Italy, Malaysia, Peru, Saudi Arabia, and Venezuela.

Otomat Mk2 Mod I (1980)

SOURCES: Wikipedia, the free encyclopedia. "Otomat." Accessed November 3, 2014.
<http://en.wikipedia.org/wiki/Otomat> ; Harpoon Database,
<http://www.harpoondatabases.com/encyclopedia/Entry2348.aspx> ; Jane's Strategic Weapon Systems, "Otomat/Teseo",
dated 11 April 2014 ; GlobalSecurity.org - Reliable Security Information. "Otomat." Accessed November 3, 2014.
<http://www.globalsecurity.org/military/world/europe/otomat.htm>.