

## AS.37 Martel [ARM] (1971)

### Guided Weapon

Type: Guided Weapon

Weight: 535.0 kg

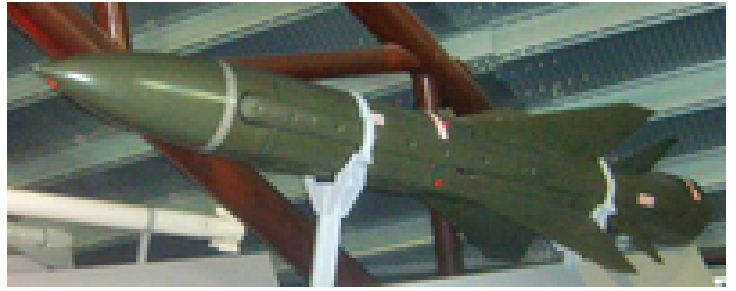
Length: 4.2 m

Span: 1.2 m

Length: 4.2 m

Diameter: 0.4

Generation: None



Targets: Radar

Sensors / EW:

- Passive Radar Seeker - (AS.37) ESM, Weapon Seeker, Anti-Radiation, Max range: 55.6 km

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Weapons / Loadouts:

- AS.37 Martel [ARM] - (1971) Guided Weapon. Surface Max: 55.6 km. Land Max: 55.6 km.

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**OVERVIEW:** The AS.37 Martel is a solid-fuel, air-to-surface, supersonic anti-radiation missile (ARM).

**DETAILS:** The AS.37 Martel is an anti-radiation missile (ARM) designed for standoff attacks against air defense radars. It used an inertial guidance system along with an anti-radiation homing for terminal phase. It required being tuned prior to take-off to scan a preset frequency range, or to home in on a specific type of radar. The requirement to pre-tune its search function prior to take off was a significant limitation on the system. Unlike the relatively small warheads used in U.S. ARM systems, the Martel had a large 150 kg warhead.

**NOTES:** IOC 1970. Used by United Kingdom and France.

**SOURCES:** Friedman, Norman. The Naval Institute Guide to World Naval Weapon Systems, 1997-1998 Annapolis, Md: Naval Institute Press, 1998, pg. 234 ; The International countermeasures handbook. (1987). Palo Alto, CA: EW Communications, pg. 140 ; Chant, C. (1987). A compendium of armaments and military hardware. London: Routledge

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& Kegan Paul, pg. 504.