

AGM-142G Popeye CCD [Penetrator] (South Korea)

Guided Weapon

Type: Guided Weapon

Weight: 1498.0 kg

Length: 4.83 m

Span: 1.73 m

Length: 4.83 m

Diameter: 0.53

Generation: None



Targets: Surface Vessel, Land Structure - Soft, Land Structure - Hardened, Runway, Mobile Target - Soft, Mobile Target - Hardened

Sensors / EW:

- EO Seeker - (AGM-142) Visual, Weapon Seeker, TV, Max range: 18.5 km

Weapons / Loadouts:

- AGM-142G Popeye CCD [Penetrator] - (South Korea) Guided Weapon. Surface Max: 74.1 km. Land Max: 74.1 km.

OVERVIEW: The AGM-142G Raptor HAVE NAP, is a solid fuel short-to-medium range, electro-optical guided, air-to-ground missile designed for precision attack against large, high-value targets from stand-off ranges.

DETAILS: The AGM-142G Raptor uses an inertial guidance system that pilots the missile towards the target, switching to a datalinked electro-optical (TV) seeker, enabling either the launching platform or another platform to designate the target in the terminal phase. Unlike other EO variants of the AGM-142, the AGM-142G uses an improved CCD seeker. The AGM-142A can attack its target using either a low level "pop up" or a steep dive from high altitude. The modular warhead section can be fitted with either a HE blast/fragmentation warhead or a high-penetration warhead.

NOTES: The AGM-142G is also known as the "Popeye." Initially developed for Israel, the AGM-142 entered South Korean service in the 1990s. Variants are also used by Turkey, South Korea, India and Australia. The seeker head is modular, and can be fitted with either a TV (AGM-142A) or an imaging infrared (IIR) seeker (AGM-142B).

SOURCES: Jane's Air-Launched Weapons, Popeye 1,2 (AGM Have Nap/Have Lite/Raptor), 22 October 2014 ; Wikipedia, the free encyclopedia. "Popeye (missile)." Accessed November 2, 2014.

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[http://en.wikipedia.org/wiki/Popeye_\(missile\)](http://en.wikipedia.org/wiki/Popeye_(missile)) ; GlobalSecurity.org - Reliable Security Information. "AGM-142 Raptor / Have Nap / Popeye - Smart Weapons." Accessed November 2, 2014.

<http://www.globalsecurity.org/military/systems/munitions/agm-142.htm> ; Designation-Systems.Net. "Rafael/Lockheed Martin AGM-142 Popeye/Have Nap." Accessed November 2, 2014.

<http://www.designation-systems.net/dusrm/m-142.html>.