

AGM-154B JSOW [6 x BLU-108/B Anti-Tank] (2003)

Guided Weapon

Type: Guided Weapon

Weight: 470.0 kg

Length: 4.06 m

Span: 2.69 m

Length: 4.06 m

Diameter: 0.34

Generation: None



Properties: Weapon - INS w/ GNSS Navigation, Uses GPS

Targets: Land Structure - Soft, Mobile Target - Soft

Sensors / EW:

Weapons / Loadouts:

- AGM-154B JSOW [6 x BLU-108/B Anti-Tank] - (2003) Guided Weapon. Land Max: 116.7 km.

OVERVIEW:

The AGM-154 Joint Standoff Weapon (JSOW) is the product of a joint venture between the United States Navy and Air Force to deploy a standardized medium range precision guided weapon, especially for engagement of defended targets from outside the range of standard anti-aircraft defenses, thereby increasing aircraft survivability and minimizing friendly losses.

DETAILS:

The AGM-154 is intended to provide a low cost, highly lethal glide weapon with a standoff capability. The JSOW family of air-to-surface glide weapons are 450 kilograms (1,000 lb) class weapons that provide standoff capabilities from 28 km (15 nmi) low altitude launch and up to 110 km (60 nmi) high altitude launch. The JSOW can be used against a variety of land targets and operates from ranges outside enemy point defenses.

The JSOW is a launch and leave weapon that employs a tightly coupled Global Positioning System (GPS)/Inertial Navigation System (INS), and is capable of day/night and adverse weather operations.

The US Navy and Air Force developed the AGM-154B (JSOW B) up until Multi-Service Operational Test & Evaluation (MOT&E) but the Navy decided not to procure the weapon when the Air Force left the program.

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The warhead for the AGM-154B is the BLU-108/B from the Air Force's Sensor Fuzed Weapon (SFW) program. The JSOW B was to carry six BLU-108/B submunitions. Each submunition releases four projectiles (total of 24 per weapon) that use infrared sensors to detect targets. When a submunition detects that it is aligned with a target, it fires, creating an explosively formed penetrator capable of defeating vehicle armor.

SPECIFICATION:

Weight: 483 to 497 kg (1,065 to 1,095 lb)

Length: 410 cm (160 in)

Diameter: 330 mm (13 in)

Wingspan: 270 cm (106 in)

PERFORMANCE:

Operational range: low altitude release: 22 kilometres (12 nmi) || high altitude release: 130 kilometres (70 nmi)

SOURCE:

Wikipedia <http://en.wikipedia.org>