

GBU-28B/B Deep Throat LGB/GPS [BLU-113A/B] (USAF, 2004)

Guided Weapon

Type: Guided Weapon

Weight: 2268.0 kg

Length: 7.6 m

Span: 1.68 m

Length: 7.6 m

Diameter: 0.36

Generation: None

Properties: Weapon - INS w/ GNSS Navigation, Weapon - Pre-Briefed Target Only, Uses GPS

Targets: Surface Vessel, Land Structure - Soft, Land Structure - Hardened

Sensors / EW:

- Laser Spot Tracker (LGB) - (Paveway II CCG, Fixed Only) Laser Spot Tracker (LST), LST, Laser Spot Tracker, Max range: 0 km

Weapons / Loadouts:

- GBU-28B/B Deep Throat LGB/GPS [BLU-113A/B] - (USAF, 2004) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.

OVERVIEW: The GBU-28B/B Deep Throat is a short-range, GPS and laser guided gravity bomb designed for enhanced penetration against hardened and buried targets.

DETAILS: The Guided Bomb Unit-28 (GBU-28) bomb is designed to penetrate hardened targets before exploding, and is reported as being capable of penetrating 30 meters of earth or 6 meters of concrete. Warhead weight is approximately 304 kilograms. The weapon has a reported CEP of 9 meters.

NOTES: The GBU-28B/B is derived from the earlier GBU-28 A/B, incorporating enhanced guidance capabilities using a GPS system in addition to the laser guidance system. Two versions are available: the EGBU-28B/BLU-113 carried by the Strike eagle, employing the GPS enhanced laser guidance kit and GBU-37/GAM, using a GPS Aided Munition guidance kit, carried by the B-2A Spirit stealth bomber. Other users include Israel and South Korea.

SOURCES: Raytheon Paveway III. (n.d.). Retrieved from

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<http://www.designation-systems.net/dusrm/app5/paveway-3.html> ; Guided Bomb Unit-28 (GBU-28) Bunker Buster - Smart Weapons. (n.d.). Retrieved from <http://fas.org/man/dod-101/sys/smart/gbu-28.htm> ; Guided Bomb Unit-28 (GBU-28) Bunker Buster - Smart Weapons. (n.d.). Retrieved from <http://www.globalsecurity.org/military/systems/munitions/gbu-28.htm> ; GBU-28 Bunker Buster. (n.d.). Retrieved from http://www.deagel.com/Bombs-and-Guidance-Kits/GBU-28-Bunker-Buster_a001151007.aspx ; Enhanced Guided Bomb Unit (EGBU)-28. (n.d.). Retrieved from <http://www.globalsecurity.org/military/systems/munitions/gbu-28e.htm> ; Raytheon / Texas Instruments GBU-28 Bunker Buster. (n.d.). Retrieved from <http://www.ausairpower.net/GBU-28.html>