

## GBU-15(V)31A/B CWW GPS/EO [BLU-109/B] (2001)

### Guided Weapon

Type: Guided Weapon

Weight: 1100.0 kg

Length: 3.92 m

Span: 1.5 m

Length: 3.92 m

Diameter: 0.46

Generation: None



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

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

Sensors / EW:

- EO Seeker - (GBU-15) Visual, Weapon Seeker, TV, Max range: 18.5 km

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Weapons / Loadouts:

- GBU-15(V)31A/B CWW GPS/EO [BLU-109/B] - (2001) Guided Weapon. Surface Max: 27.8 km. Land Max: 27.8 km.

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**OVERVIEW:** The GBU-15(V)31A/B CWW (Cruciform Wing Weapon) is a unpowered glide bomb intended for precision bombing against hardened targets.

**DETAILS:** The basic GBU-15 configuration consists of a bolt-on guidance/fin section and a cruciform wing group and data link attached to a BLU-109/B bomb. The GBU-15(V)31A/B guidance section uses a electro-optical sensor for guidance. It also incorporates a GPS receiver, giving the weapon an all-weather capability. The weapon can be launched at low altitude. The BLU-109/B is capable of penetrating 4-6 feet of reinforced concrete.

**NOTES:** IOC with U.S. in 2001. Does not require target acquisition before release.

**SOURCES:** Rockwell GBU-15(V)/B. (n.d.). Retrieved from <http://www.designation-systems.net/dusrm/m-112.html> ;

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Clancy, T. (1995). *Fighter wing: A guided tour of an Air Force combat wing*. New York: Berkley Books, pg. 149-50 ;  
GBU-15 - Smart Weapons. (n.d.). Retrieved from <http://fas.org/man/dod-101/sys/smart/gbu-15.htm> ; BLU-109 / I-2000 /  
HAVE VOID - Dumb Bombs. (n.d.). Retrieved from  
<http://www.globalsecurity.org/military/systems/munitions/blu-109-specs.htm>