

## Design Characteristics of United States Missiles: Nuclear Triad

Last update: April 2013

Name	Type/System	Length (m)	Diameter (m)	Payload (kg)	Range (km)	Accuracy – CEP (m)	Propulsion	Guidance	Status
LGM-30G Minuteman III <sup>1</sup>	ICBM	18.2	1.68	355 kt (x3 MIRV) W78 or single 300 kt W87	13,000+	100-200	Solid, 3 Stage	INS	449 Deployed, 263 Non-deployed
UGM-133A Trident II DF-5 <sup>2</sup>	SLBM	13.58	2.11	100 kt W76 or 475 kt W88; MIRV up to 8 warheads	> 7,600	91	Solid, 3 Stage	INS	239 Deployed on Ohio class SSBNs, 180 Non-deployed
AGM-86B <sup>3</sup>	ALCM	6.3	0.62	Variable 5 kt or 150 kt	2,400	30-90	Williams/Rolls Royce F107-WR-101 Turbofan	Litton INS with McDonnell Douglas AN/DPW-23 TERCOM	78 B-52H bombers deployed; each bomber may hold up to 20 missiles

### Sources:

<sup>1</sup> "Factsheet - LGM-30G Minuteman III," U.S. Air Force, 26 July 2010, [www.af.mil](http://www.af.mil); Amy F. Wolf, "U.S. Strategic Nuclear Forces: Background, Developments, and Issues," *Congressional Research Service*, CRS RL33640, 22.

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- <sup>2</sup> "Factsheet - Trident Fleet Ballistic Missile," U.S. Navy, 17 July 2009, [www.navy.mil](http://www.navy.mil); Amy F. Wolf, "U.S. Strategic Nuclear Forces: Background, Developments, and Issues," *Congressional Research Service*, CRS RL33640, 22 February 2012, [www.crs.gov](http://www.crs.gov); Hans M Kristensen and Robert S. Norris, "US Nuclear Forces 2012," *Bulletin of the Atomic Scientists*, 1 May 2012, [bos.sagepub.com](http://bos.sagepub.com).
- <sup>3</sup> "Factsheet - AGM-86B/C/D Missiles," U.S. Air Force, 24 May 2010, [www.af.mil](http://www.af.mil); Amy F. Wolf, "U.S. Strategic Nuclear Forces: Background, Developments, and Issues," *Congressional Research Service*, CRS RL33640, 22 February 2012, [www.crs.gov](http://www.crs.gov); Hans M Kristensen and Robert S. Norris, "US Nuclear Forces 2012," *Bulletin of the Atomic Scientists*, 1 May 2012, [bos.sagepub.com](http://bos.sagepub.com).

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