

Defeats lightly armored vehicles and personnel targets, either in the open or in defilade, with an extremely light-weight, crew-served weapon.



DESCRIPTION AND SPECIFICATIONS

The XM307 is a 25mm, advanced, light-weight machine gun. The XM307 is an advance in crew served weapons performance and accuracy: at 30 pounds, it is one-third the weight of the MK19 40mm grenade machine guns and M2 heavy barrel (M2HB) machine guns, which it replaces, and will be capable of accurately engaging targets out to 2000 meters. XM307 can be vehicle mounted or tripod mounted for ground applications. XM307, with an integrated, full solution, fire control system, will deliver 25mm air-bursting or 25mm armor-piercing munitions to provide decisively violent and suppressive target effects. The target acquisition/fire control system will incorporate a laser rangefinder, ballistic computer, direct view optics, video sight, electronic compass, thermal capability, and a motion tracker.

With a five-part kit, an XM307 can be converted to the XM312, a .50-caliber variant of the XM307, and vice-versa. The XM312 requires no ammunition development because it will fire the current .50 caliber family of ammunition, including standard, multi-purpose, incendiary, and armor-piercing rounds.

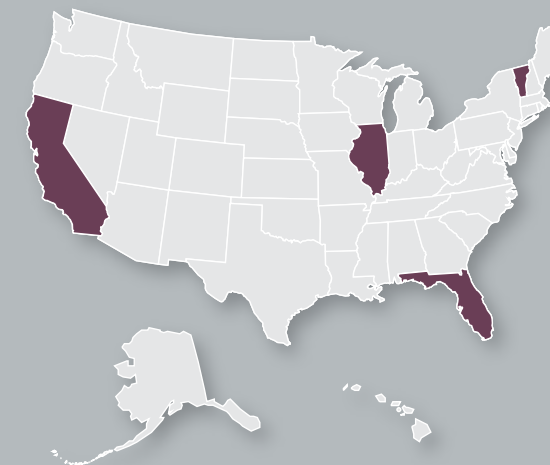
The XM312 requires the M15 forward stripping link, and can be vehicle-mounted or tripod-mounted for ground applications. The tripod-mounted system will weigh 42 pounds, which is 80 pounds lighter than the currently fielded M2HB machine gun and tripod.

PROGRAM STATUS

- 3QFY04-FY07 System development and demonstration
- 1QFY05 Integrated system test 1
- 2QFY05 First prototype weapons delivered to unit of action vehicle developers

PROJECTED ACTIVITIES

- 4QFY07 Milestone C



CONTRACTORS

General Dynamics Armament and Technical Products (Burlington, VT)
 General Dynamics Ordnance and Tactical Systems (Marion, IL)
 Raytheon (El Segundo, CA)
 Kaman Dayron (Orlando, FL)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- System Development and Demonstration