

# XM307

Provides vehicle and weapon squads with decisive overmatch capability against personnel and light armored targets with high explosive airbursting and armor-piercing ammunition.

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## Description & Specifications

The XM307 Advanced Crew Served Weapon is a modern 25mm machine gun that is very light and imparts very low recoil forces to mounting platforms. The XM307 family of ammunition consists of a high explosive airbursting (HEAB) munition, an armor piercing munition, and a target practice munition. The XM307 HEAB munition is capable of defeating not only exposed targets but also those in defilade (targets that have taken cover behind structures, terrain features, or vehicles). The XM307's armor-piercing munition defeats lightly armored vehicles using a shaped charge

projectile. The weapon also fires the target practice munition and has the capability to launch future non-lethal ammunition. The XM307 is a close combat weapon system for Future Combat System (FCS) vehicles and is being considered for other Brigade Combat Teams (BCTs). There is no current requirement for a ground-mounted system.

## Program Status

- **1QFY04:** System development and demonstration contract awarded
- **4QFY05:** Program restructured for mounted and remote operation only

## Projected Activities

- **FY04–FY09:** Conduct system development and demonstration activities
- **2QFY08:** Deliver initial XM307 remotely operated variant prototypes to FCS for integration efforts.
- **2QFY09:** Milestone C Decision
- **FY12–FY13:** Low rate initial production
- First unit equipped in accordance with FCS fielding schedule

## ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

**XM307**

**FOREIGN MILITARY SALES**

None

**CONTRACTORS**

**Prime:**

General Dynamics Armament and Technical Products (Charlotte, NC)

**Subcontractors:**

Raytheon (El Segundo, CA)  
 Action Manufacturing (Philadelphia, PA)  
 Intertek Laboratories (Sterling, NJ)  
 EDO Corp. (New York, NY)



*High Explosive Air-Burst Cartridge*



Precision Air-Bursting  
 PBXN5 High Explosive  
 Defeats PASGT Vest & Helmet  
 Controlled Fragmentation Warhead

*Armor Piercing Cartridge*



51mm RHA (Threshold)  
 51mm HHA (Goal)

*Target Practice Cartridge*



Trainer



**XM1050**  
TP



**XM1049**  
AP



**XM1019**  
HEAB



**XM1051**  
TP-S

