

# Lightweight .50 cal Machine Gun

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## MISSION

To provide a lighter, more accurate .50 caliber machine gun to reduce warfighter load, provide for more rapid emplacement and displacement, increase dismounted portability, and reduce the strain on vehicle mounts.

## DESCRIPTION

The Lightweight .50 Caliber Machine Gun (LW50MG) is intended to provide .50 caliber lethality in a lightweight, two-man portable system. It will fire all standard inventory .50 caliber M9 linked ammunition. The LW50MG incorporates a manual safety and a quick-change barrel that eliminates headspace and timing adjustments. The LW50MG weapon will weigh 40 pounds with recoil loads less than 400 pounds. The lower recoil allows the use of a magnified optic, which enables the warfighter to rapidly acquire targets. Additionally the low recoil allows the warfighter to maintain control of the weapon and to minimize ammunition use.

## SYSTEM INTERDEPENDENCIES

None

## PROGRAM STATUS

- **3QFY08:** System development and demonstration contract awarded

## PROJECTED ACTIVITIES

- **FY08–10:** Conduct system development and demonstration activities
- **3QFY09:** Award phase 2 contract
- **4QFY10:** Milestone C decision
- **FY11:** Low-rate initial production

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support



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### FOREIGN MILITARY SALES

None

### CONTRACTORS

General Dynamics Armament and  
Technical Products (GDATP)  
(Charlotte, NC)

