

Predator

DESCRIPTION

The Predator SRAW is a one-man portable, short range, disposable, fire-and-forget antitank weapon. It is capable of defeating all current and future Main Battle Tanks incorporating advanced armor protection, supplemental armor kits, and explosive reactive armor. The Predator features an advanced inertial guidance and control system, a soft launch capability, and a lethal, explosively formed penetrator warhead. Once launched, the missile flies in a top-attack (i.e., fly over, shoot down) profile and uses optical and magnetic sensors to detect the target and detonate the warhead. Predator can effectively engage moving targets from 17 to 200 meters and stationary targets from 17 to 600 meters. Its modular design will enhance the ability to incorporate future preplanned product improvements.

PROCUREMENT PROFILE:	FY00	FY01
<i>Quantity:</i>	<i>0</i>	<i>698</i>

OPERATIONAL IMPACT

The Predator (SRAW) will provide the infantry battalion with the organic capability to engage and destroy ERA-equipped Main Battle Tanks at ranges between 17 and 600 meters. Its soft-launch (fire from enclosures) and fire-and-forget features will significantly enhance both gunner survivability and the ability of the battalion to conduct anti-armor operations in urban terrain. It will provide greater range and lethality than both the AT-4 and SMAW (HEAA).

PROGRAM STATUS

The Predator (SRAW) program is in the final stages of the Engineering and Manufacturing Development (EMD) phase. All Developmental Testing is scheduled to be completed during FY00. Initial Operational Test and Evaluation also will be conducted during FY00 with the Milestone III also scheduled for FY00. FOC is scheduled for FY03.

DEVELOPER/MANUFACTURER

Principle Development Activity - Naval Surface Warfare Center, Dahlgren, VA, Division Prime Contractor - Lockheed Martin Electronics and Missile Division, Orlando, FL