

**Exhibit P-40, Budget Item Justification Sheet**

Date:

February 2004

Appropriation / Budget Activity/Serial No:

Procurement, Marine Corps (1109) / Guided Missiles and Equipment (3)

P-1 Item Nomenclature:

PREDATOR (SRAW)

Program Element:

0206211M Divisions (Marine)

Code:

A

Other Related Program Elements:

	Prior Years			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty	330			445								775
Gross Cost	43.0			35.7	5.8						0.0	84.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	43.0			35.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0	84.5
Initial Spares												
Total Proc Cost	43.0			35.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0	84.5
Flyaway U/C												
Wpn Sys Proc U/C												

This USMC lead program is for the procurement of the Predator Weapon system, formerly known as the Short Range Antitank Weapon (SRAW). The Predator consists of a missile and disposable launcher.

The Predator is a lightweight (<22 lbs), one-man portable, short range, disposable, fire-and-forget antitank weapon 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 (EFP) warhead. Its soft launch capability allows the weapon to be fired from enclosures, and that combined with the fire-and-forget technology increases gunner survivability. 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 sending the EFP down through the turret. Predator incorporated a simple fixed reticle optical sight that enables the gunner to effectively engage moving targets from 17 to 200 meters and stationary targets from 17 to 600 meters.