

### 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:

MODIFICATION KITS (MISSILES)

Program Elements:

020611M Marine Division

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											
Gross Cost	18.1		49.3	0.6	0.6	27.5	40.5	24.2	0.0	0.0	160.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	18.1		49.3	0.6	0.6	27.5	40.5	24.2	0.0	0.0	160.9
Initial Spares	0.3		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Total Proc Cost	18.4		49.3	0.6	0.6	27.5	40.5	24.2	0.0	0.0	161.2
Flyaway U/C											
Wpn Sys Proc U/C											

The Missile Modification line provides funding to enhance the performance or improve the safety of Marine Corps Missiles.

The Stinger Missile is the only Air Defense Weapon in the forward area. Stinger missile platforms provide defense against high speed, close in, low altitude, fixed wing, unmanned aerial vehicles (UAV) and rotary wing aircraft throughout the theater of operations. Procurement of new Block I Stinger Missile and Battery Coolant Units (BCU) to replace aging Stinger Missiles that will soon fail due to shelf life expiration. This program will transition to LAAD Sustainment in FY04 (BLI# 300600).

Funding is provided for the Tube Launched, Optically Tracked, Wire Guided (TOW) Missile Weapons System safety modifications and day sight modifications, completing current efforts and TOW range analysis, evaluation and fault identification. See below.

TOW Training Missile Safety Modification - This modification installs safety circuitry to allow the missiles to be used for training. Each TOW PB-93 missile is modified, installing the Improved Missile Ordnance Inhibitor Circuit (IMOIC) modification. The IMOIC prevents activation of the flight motor if the missile malfunctions. This modification also disarms the warhead in the event of an errant flight trajectory.

TOW Sight Modifications - The TOW Optical Sight Hardening (TOSH) modification program brings the existing day sights (MX-9155/U) into a single configuration and provides enhancements to system capability. The modification provides laser hardening and improves the sight picture and adds ranging capabilities.

TOW Range Analysis - This analysis program aids in the problem identification of the shortened range concerns developed from the Surveillance Reliability Program. This program will establish a detailed flight performance card for use by Marine gunners in probability of hit versus range.

TOW-2B Insensitive Munitions/Electrostatic Discharge (IM-ESD) Analysis - This analysis will provide the necessary data to certify that TOW-2B missile assets meet the IM-ESD requirements for safety and shipboard transportation requirements as required by the Weapons System Explosive Safety Review Board.

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TOW 2B - TOW 2B funds in FY03 are for the procurement of TOW-2B missiles to replenish stocks expended in Operation Iraqi Freedom (OIF).

