

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

Date: February 2004

Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Support Vehicles (5) P-1 Item Nomenclature: LOGISTICS VEHICLE SYSTEM REPLACEMENT

Program Elements: 0206315M Force Service Support Group 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	99				19	19						137
Gross Cost	17.0			0.0	16.5	3.3	26.9	79.9	118.9	57.0	Cont	Cont
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	17.0			0.0	16.5	3.3	26.9	79.9	118.9	57.0	Cont	Cont
Initial Spares												
Total Proc Cost	17.0			0.0	16.5	3.3	26.9	79.9	118.9	57.0	Cont	Cont
Flyaway U/C												
Wpn Sys Proc U/C												

**Aviation Refueler Capability (ARC):** The ARC is a state of the art commercial 5,000 gallon aviation refueling system, modified for Marine Corps use to replace the M970 semi trailer refueler in the Marine Air Wings. Key features include under/overwing refueling and defueling. Unlike the M970 refueler the ARC vehicle is self propelled, and operable on JP5 fuel, JP8 fuel and diesel fuel. The vehicle is blackout capable, compatible with all North Atlantic Treaty Organization and Department of Defense aircraft, and fully transportable by C141 aircraft, Maritime Prepositioning Force (MPF) and commercial shipping.

**Logistical Vehicle System (LVS):** The LVS is the Marine Corps' heavy tactical logistics vehicle. The fleet is comprised of a Front Power Unit (FPU) the MK48 and 5 different powered Rear Body Units (RBUs) the MK14 Cargo Hauler, MK15 Wrecker, MK16 Fifth Wheel, MK17 Dropside Trailer, and MK18 Self Loading Cargo Handler. The LVS is primarily a logistics distribution system responsible for hauling ammunition, bulk liquids, bridge boats, and containers. In addition there is a heavy wrecker recovery mission, and the vehicle also is the prime mover for the M870 Medium Heavy Equipment Transporter (MHET) trailer. The vehicle is capable of handling payloads of 12.5 tons off-road and 22.5 tons on improved roads.



<b>Exhibit P-5, Weapon WPN SYST Cost Analysis</b>		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Support Vehicles (5)					P-1 Line Item Nomenclature: LOGISTICS VEHICLE SYSTEM REPLACEMENT			Weapon System Type:		Date: February 2004		
<b>Weapon Svstem Cost Elements</b>		ID	FY 03			FY 04			FY 05					
		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost			
			\$000	Each	\$	\$000	Each	\$	\$000	Each	\$			
AVIATION REFUELER (ARC)		A							3361	19	176895	3343	19	175947
LVS-MK-15 Rear Body Units Cranes									3500	15	233333			
ABS Brake Mod Kits									500	50	10000			
MK-48 FPU's									8100	62	130645			
Integrated Logistics Support									1000					
<b>Total</b>									<b>16461</b>			<b>3343</b>		