



MARINE CORPS SYSTEMS COMMAND
UNITED STATES MARINE CORPS

Joint Services Small Arms Systems Symposium

PM Infantry Weapons, LtCol Rick Adams

Infantry Weapons Program Management Team

PMM – 132

Infantry Weapons Systems

Product Group - 13

LtCol. Rick Adams, Program Manager



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Description: PM Infantry Weapons is responsible for R&D, procurement and lifecycle management for all infantry weaponry employed by the warfighter.

- Crew Served Weapons
 - Machine Guns and Mortars
- Individual Weapons
 - Pistols
 - Rifles to include sniper weapons
- Industry can help as we look to improve the technologies of weapons
 - Ammunition: lighter, increased incapacitation
 - Weapons: reduced weight, improved reliability, reduced maintenance



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PM IW Total Funding: Appropriations (\$K) Spending
Breakout:

Appropriations (\$000)	FY 06 (includes Bridge Supplemental)	Estimated FY 06 Full Supplemental	FY 07
RDT&E	4,023	0	2,382
O&MMC	335	0	367
PMC	114,528	52,693	12,047



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Near-Term Program Initiatives

- ***Infantry Automatic Rifle (IAR)***- The IAR is a light weight, magazine fed, 5.56mm, individual weapon. The IAR enhances the automatic rifleman's maneuverability and displacement speed, while providing the ability to suppress or destroy not only area targets, but point targets as well. The IAR will replace the M249 SAW within each infantry battalion.
- ***Combat Pistol (CP)***- Along with SOCOM the USMC is looking for a COTS Caliber 45 Pistol That Will Replace MEU(SOC) .45. The selected pistol will be reliable, accurate and will be ergonomically optimized.
 - Leverages Advancements In Technology (Weapon/Ammo/Accessories)
 - Increased Capability/Versatility
 - Leverages Existing Accessory Programs
 - Laser Aiming Module
 - Family Of Suppressors
 - Pre-Planned Product Improvement Efforts



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Future Program Initiatives

R&D Investments

- ***Service Rifle Replacement-*** Looking to the future of weapons technology. Rifles with flexible configurations to adapt to changing missions.
- ***Digital Fire Control-*** The development of the digital fire control system for company and battalion mortars that will provide better accuracy and timeliness of fire response to a fire mission. This may eliminate the need for sights and aiming stakes.
- ***Shot Count Capability-*** In order to better sustain weapons determining the round count on the weapon makes it easier for the maintainers planning and is more cost effective deciding fix or replace criteria.
- ***Long Range Sniper Rifle-*** The Marine Corps has an interest in a long range (1100-1500m), medium caliber sniper capability to replace our M40 sniper rifle fleet in the outyears.

O&MMC Investments

- ***Enhanced .50 Cal-*** Looking to enhance current M2 including a Quick Change Barrel System and Flash Hider.



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Open Discussion Topics

- ***Caliber Agility-*** We are conducting a preliminary screening to evaluate possible replacement of the current service round, or inclusion as a capability enhancer.
- ***Guidable Mortar Munitions/Caseless Ammunition-*** Working with Government S&T activities and JSSAP to increase first round hit capability and reduce the Marine's load, respectively.



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Marine Corps Business Practices

- *We work on the margins-* Low dollar amounts but responsive organizations decisive decision makers
- *Perceived Rank Structure Disparity-* If you want to “drop names” this is the wrong gun club.
 - Generals → Colonels
 - Colonels → LtCols
 - LTCs → Maj’s or Capts
 - MAJs → Capts or SNCOs

This isn’t an affront, it’s a way of life.
- *We appreciate the relationships we have built with many of you and look forward to stronger ones in the future.*