

**Integrated Weapons & Armaments Specialty Site for Guns and Ammunition**

*Category: Technical Joint Cross Service Group*

*Mission: RDT&E for Weapons & Armaments*

*One Time Cost: \$116.3million*

*Savings: 2006-2011 = \$81.2 million*

*Return on Investment: 13 years*

*Annual Recurring Savings: \$11.3 million*

***Final Action: Remain Open***

***Secretary of Defense Recommendation***

Realign Naval Surface Warfare Center Division Dahlgren, VA by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal NJ

***Secretary of Defense Justification***

This recommendation realigns and consolidates those gun and ammunition facilities working in Weapons and Armaments (W&A) Research , Development & Acquisition (D&A). This realignment would result in a more robust joint center for gun and ammunition Research, Development & Acquisition at Picatinny Arsenal, NJ. This location is already the great concentration of military value in gun and ammunition W&A RD&A. Movement of all the Services' guns and ammunition work to Picatinny Arsenal will create a joint center of excellence and provide synergy in armament development for the near future and beyond, featuring a Joint Packaging, Handling, Shipping and Transportation (PHS&T) Center, particularly important in this current time of high demand for guns and ammunition by all the services. This recommendation promotes jointness, enables technical synergy, and positions the Department of Defense to exploit center-of-mass scientific, technical, and acquisition expertise within the weapons and armament Research, Development & Acquisition community that currently resides at this DoD specialty location.

***Community Concerns***

The recommendation is in conflict with the recommendation to establish Dahlgren as a specialty site for Naval Surface Warfare. This is unique to the services and centroid for Navy Surface Ship developments to preserve the synergies between large highly integrated control systems developments and the weapon system development themselves. Full consolidation at Picatinny will result in the reduction of the Navy's ability to engineer and integrate its shipboard combat systems. System integration is best done, for both engineering and cost purposes, when those elements being integrated are co-located. Single siting gunnery fails to retain two sites, which was one of the guiding principals of the TJCSG. The Department of Defense recommendation will result in a reduction in military value and potentially negatively impact the warfighting

capability of the Navy. Additionally, based on BRAC 95 experience approximately less than 20% of the educated, trained, and experienced engineering and technical workforce will move from the region.

***Commission Findings***

The Commission agrees with the Community that moving the gun and ammunition Research and Development & Acquisition to Picatinny Arsenal does not improve nor enhance military value and that it is in conflict with the recommendation to establish Dahlgren as a specialty site for Naval Surface Warfare. The Commission found that the Department of Defense over-valued the integration of guns and ammunition in W&A RD&A and this realignment, if left as proposed by the Secretary, would actually diminish military value, readiness, and operational capabilities of the Navy.

***Commission Recommendation***

The Commission finds the Secretary of Defense deviated substantially from final criteria 1,3, and 4. Therefore, the Commission recommends the following: Create two specialty sites for guns and ammunition within the Department of Defense - a RDAT&E for small arms and non-maritime guns and ammo at Picatinny Arsenal, NJ and a RDAT&E for maritime guns and ammo at Naval District Washington, West Area, Dahlgren.