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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army

DATE: February 2011

APPROPRIATION/BUDGET ACTIVITY
 2040: Research, Development, Test & Evaluation, Army
 BA 3: Advanced Technology Development (ATD)

COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	R-1 ITEM NOMENCLATURE		FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
				PE 0603006A: Command, Control, Communications Advanced Technology	OCO							
Total Program Element	12,074	8,102	5,312	-	-	5,312	4,118	5,813	5,830	6,038	Continuing	Continuing
257: DIGITAL BATTLEFLD COMM	3,730	-	-	-	-	-	-	-	-	-	Continuing	Continuing
592: SPACE APPLICATION TECH	3,463	4,442	5,312	-	-	5,312	4,118	5,813	5,830	6,038	Continuing	Continuing
DF7: DF7	4,881	3,660	-	-	-	-	-	-	-	-	Continuing	Continuing

Note

FY 12 funding realigned to higher priority efforts

A. Mission Description and Budget Item Justification

Efforts in this program element (PE) mature and demonstrate advanced space technology applications that support the Army's ability to control and exploit space assets that contribute to current and future military operations as defined in the national, DoD, and Army space policies. This PE provides applications for enhanced intelligence, reconnaissance, surveillance, target acquisition, position/navigation, missile warning, ground-to-space surveillance, and command and control capabilities. Project 592 supports the maturation and demonstration of Space Applications Technology efforts that provide technology options for networked and integrated surveillance and command and control capabilities to enable information superiority, enhanced situational awareness, and support for distributed operations. Project 257 funds congressional special interest items. Project 592 also matures and demonstrates high altitude and space sensor and communications payloads for Army applications and provides technology risk reduction capability for ground-to-space surveillance system development. Project DF7 supports classified activities. Properly accessed individuals can obtain further information from the Assistant Secretary of the Army for Acquisition Logistics & Technology (ASAALT) Special Programs Office.

Work in this PE is coordinated with PE 0602120A (Sensors and Electronic Survivability) and PE 0603008A (Electronic Warfare Advanced Technology).

The cited work is consistent with the Department of Defense Research and Engineering Strategic Plan, the Army Modernization Strategy, and the Army Science and Technology Master Plan.

Work in this PE is performed by the US Army Space and Missile Defense Technical Center in Huntsville, AL.

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