

Exhibit P-40, Budget Item Justification Sheet	Date: February 2007
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Appropriation / Budget Activity / Serial No: Procurement, Defense Wide / 1 / Procurement	P-1 Item Nomenclature Defense Production Act Purchases (0904903D8Z)
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Program Elements for Code B Items: 0904903D8Z	Code: 0360	Other Related Program Elements: Defense Production Act Purchases
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Cost (\$ in Millions)	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	231.480	57.467	62.930	18.592	19.784	16.996	5.733	5.822	5.912	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	231.480	57.467	62.930	18.592	19.784	16.996	5.733	5.822	5.912	Continuing	Continuing
Initial Spares											
Total Proc Cost	231.480	57.467	62.930	18.592	19.784	16.996	5.733	5.822	5.912	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C											

Description:
 The Defense Production Act (DPA) (50 U.S.C. App. § 2061 et seq.) authorizes the use of Federal funds to correct domestic industrial resource shortfalls and promote critical technology items and materials which are essential to the national defense. This budget includes essential transformational initiatives, using the authorities of Title III of the DPA, to establish, expand, modernize and/or maintain domestic production capabilities for technologies that have the potential for wide-ranging impact on the operational capabilities and technological superiority of U.S. defense systems. Title III of the DPA is a unique investment tool that strengthens domestic industry and establishes the industrial base capacity needed to transition essential technologies to defense systems. Requested funding will be used for continuation of the Beryllium Supply Industrial Base Project, the Rare Earth Magnets Production Project, and the Traveling Wave Tube Amplifiers for Space Project. These are multi-year projects that will incentivize domestic sources to establish, strengthen, and expand domestic industrial base capabilities for key technologies that support transformational initiatives and maintain the technological superiority of U.S. defense systems. Examples of current DPA Title III projects are detailed below.

The Beryllium Supply Industrial Base project will ensure the establishment of a domestic production capability for beryllium metal to meet essential national security requirements. Strategic programs such as the Ballistic Missile Defense System require infrared and optical sensors that can detect and track missile threats. The Space Tracking and Surveillance System and Space-Based Infrared System-High programs both employ space-based infrared and optical sensors that rely on beryllium. Beryllium is an essential material for this and other space and satellite applications for use in structures, electronic housings, heat sinks, sensors and sensor support. No other material can meet the performance characteristics provided by beryllium. Defense communications satellite programs such as MILSTAR, Advanced Extremely High Frequency, and the Wideband Gapfiller are also highly dependent on the availability of beryllium. DoD also relies on beryllium for the NAVSTAR Global Positioning System, Defense Meteorological Satellite Program, Defense Support Program, UHF-Follow-On Satellite, and the Mobile User Objective System satellite.

The Traveling Wave Tube Amplifiers (TWTAs) for Space Project will strengthen a domestic producer of TWTAs for DOD satellite programs. TWTAs are a key component in most satellite-based communication systems for commercial, military, and reconnaissance satellites, and the lack of a domestic source puts at risk affordable components for critical space assets. High power 20 GHz TWTAs are used on many U.S. government communications satellites due to their inherent wide bandwidth and high data rate capability. Domestic sources have funded 20 GHz TWTA engineering development but without Title III action, the U.S. may lose competition, resulting in market prices climbing or withhold of product to influence policy. The project will invest in a robust manufacturing modernization program, where engineering model baseline TWTA designs will be upgraded for flight production. The output from this effort will be functional devices, qualified for flight, and a competitive production base for military and commercial users.

The Rare Earth Magnet (REM) Production Initiative will expand domestic production capacity for rare earth materials and REMs. REMs are critical to almost every modern US weapon system, including

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Program Elements for Code B Items: 0904903D8Z	Code: 0360	Other Related Program Elements: Defense Production Act Purchases
<p>communications equipment, radar, sonar, lasers, navigation systems, aircraft and smart munitions. Of particular importance to the military is electrically driven power platforms, such as, the Navy's Electric Warship Program, the Air Force's More Electric Aircraft Initiative, and the Army's Future Combat Systems program, that will rely on the enabling performance of high-power density rare earth permanent magnets. Electrically driven power platforms offer a number of major advantages, including lower logistics costs, quieter operation, and improved fault tolerance. Foreign sources may withdraw their products from US export to supply their burgeoning internal needs or drive prices much higher than would be possible with a US domestic supplier.</p> <p>The Power and Energy Systems Production Initiative will expand domestic source(s) for critical high power radar system antenna elements. The expansion will address at least two advanced technology elements critical to low cost, high power radar systems for Navy above water sensor program for the DD(X) Volume Search Radar (VSR) and other future shipboard radar systems. Unique authorities of the DPA Title III program will enable expansion of production capacity for Advanced DC-to-DC Converters and Gallium Nitride (GaN) on Silicon MMICs through production equipment installations or increased yield and throughput modifications in manufacturing processes. DPA Title III will also enable the qualification of these products and demonstrations for known and potential customers in the DOD, other government agencies and potentially commercial applications.</p> <p>The Blue Force Tracking Production Initiative will use the unique authorities of Title III of the DPA to establish, strengthen, and expand domestic sources for the "single card solution" (SCS), essential to the Global Personnel Recovery System (GPRS), an advanced technology initiative to develop a near real-time two-way tracking capability to enable vital missions such as combat rescue through Blue Force Situational Awareness (BFSA). The "single card solution" (SCS) is essential to the Global Personnel Recovery System (GPRS), an advanced technology initiative to develop a near real-time two-way tracking capability to enable vital missions such as combat rescue through Blue Force Situational Awareness (BFSA). The SCS will be embedded in handheld and mobile equipment worldwide. There is currently no manufacturing capability in place to directly support mass production of the SCS, an innovation which must move rapidly into full production to meet known and planned multi-program requirements. This Program will incentivize domestic companies for production scale-up and capacity expansion to address a broad array of known system purchase requirements, and to meet key quality and affordability objectives for the SCS.</p> <p>This budget also includes specific Title III projects which were funded by Congress in the FY 2007 Department of Defense Appropriations Act (P.L. 109-289). These projects include: Photovoltaic Solar Cell Encapsulant Production; Automated Composite Technologies Initiative; Affordable Methanol Fuel Cells Components; and Armor and Structure Transformation Initiative, Steel to Titanium.</p> <p>In accordance with the provisions of Sec. 303(a) of the Defense Production Act of 1950, as amended (50 U.S.C. App. § 2061 et seq.), this budget submission provides notification to Congress of the intent of the Department of Defense to execute the above described initiatives/projects to correct domestic industrial base shortfalls for technologies and/or materials essential for the execution of the national security strategy of the United States.</p>		

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Exhibit P-5, Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement, Defense Wide/ 1/ Procurement			P-1 Line Item Nomenclature: Defense Production Act Purchases (0904903D8Z)			Weapon System Type:			Date: February 2007		
DPAP Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Flexible Aerogel Material Supplier Initiative		2,500		2,500	2,983		2,983						
Read Out Integrated Circuit (ROIC) Manufacturing Improvement		2,351		2,351	2,187		2,187						
Miniature Compressors for Electronics & Personal Cooling		2,450		2,450									
Hydrogen Ion Implantation Equipment		2,743		2,743	3,878		3,878						
Thermal Battery Industrial Base Infrastructure		2,498		2,498	4,474		4,474						
Polyhedral Oligomeric Silsesquioxane (POSS) Nanotechnology Scale-up Initiative		6,246		6,246	5,567		5,567						
High Performance Batteries & Fuel Cells Production Initiative		6,800		6,800									
High Performance Coatings Production Initiative		3,817		3,817									
Next Generation Radiation Hardened Microprocessors		2,905		2,905	3,462		3,462						
Amplifying Fluorescent Polymer Based IED Detection Devices		1,176		1,176									
ALON and Spinel Optical Ceramics		1,470		1,470	1,591		1,591						
Advanced Metal Composite Process (Titanium Metal Matrix Composites for Aircraft)		6,663		6,663	7,955		7,955						
Silicon Carbide Powder and Ceramic Armor Manufacturing to Protect Armed Forces		3,429		3,429									
Reactive Plastic CO2 Absorbent Production Initiative		3,674		3,674	1,989		1,989						
Boron Fiber Production Initiative		981		981									
Beryllium Supply Industrial Base Production Initiative		7,764		7,764	7,500		7,500	7,500		7,500	7,500		7,500
Silicon Carbide MMIC Device Production					3,167		3,167						
Lithium Ion (Li Ion) Battery Production					2,433		2,433	1,089		1,089			
Advanced Technologies Production Initiative					1,922		1,922						
Military Lens System Fabrication & Assembly					1,442		1,442						
Carbon Foam					1,591		1,591						
Photovoltaic Solar Cell Encapsulant Production					1,342		1,342						
Automated Composite Technologies Initiative					5,469		5,469						
Affordable Methanol Fuel Cells Components					1,094		1,094						
Armor and Structure Transformation Initiative, Steel to					2,884		2,884						

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DPAP Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Titanium														
Blue Force Tracking Production Initiative								2,000			2,000	3,000		3,000
Power & Energy Systems Production Initiative								4,000			4,000	4,000		4,000
Rare Earth Magnets Production Initiative								1,986			1,986	4,110		4,110
Traveling Wave Tube Amplifiers for Space								2,017			2,017	1,174		1,174
Total			57,467		57,467	62,930		62,930	18,592		18,592	19,784		19,784

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Exhibit P-5e, Weapon System Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement, Defense Wide/ 1/ Procurement		P-1 Line Item Nomenclature: Defense Production Act Purchases (0904903D8Z)			Weapon System Type:		Date: February 2007		
Procurement, Defense Wide Cost Elements		ID CD	Prior			FY 2006			FY 2007		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Flexible Aerogel Material Supplier Initiative						2,500		2,500	2,983		2,983
Read Out Integrated Circuit (ROIC) Manufacturing Improvement						2,351		2,351	2,187		2,187
Miniature Compressors for Electronics & Personal Cooling						2,450		2,450			
Hydrogen Ion Implantation Equipment						2,743		2,743	3,878		3,878
Thermal Battery Industrial Base Infrastructure						2,498		2,498	4,474		4,474
Polyhedral Oligomeric Silsesquioxane (POSS) Nanotechnology Scale-up Initiative						6,246		6,246	5,567		5,567
High Performance Batteries & Fuel Cells Production Initiative						6,800		6,800			
High Performance Coatings Production Initiative						3,817		3,817			
Next Generation Radiation Hardened Microprocessors						2,905		2,905	3,462		3,462
Amplifying Fluorescent Polymer Based IED Detection Devices						1,176		1,176			
ALON and Spinel Optical Ceramics						1,470		1,470	1,591		1,591
Advanced Metal Composite Process (Titanium Metal Matrix Composites for Aircraft)						6,663		6,663	7,955		7,955
Silicon Carbide Powder and Ceramic Armor Manufacturing to Protect Armed Forces						3,429		3,429			
Reactive Plastic CO2 Absorbent Production Initiative						3,674		3,674	1,989		1,989
Boron Fiber Production Initiative						981		981			
Beryllium Supply Industrial Base Production Initiative						7,764		7,764	7,500		7,500
Silicon Carbide MMIC Device Production									3,167		3,167
Lithium Ion (Li Ion) Battery Production									2,433		2,433
Advanced Technologies Production Initiative									1,922		1,922
Military Lens System Fabrication & Assembly									1,442		1,442
Carbon Foam									1,591		1,591
Photovoltaic Solar Cell Encapsulant Production									1,342		1,342
Automated Composite Technologies Initiative									5,469		5,469
Affordable Methanol Fuel Cells Components									1,094		1,094
Armor and Structure Transformation Initiative, Steel to Titanium									2,884		2,884
Blue Force Tracking Production Initiative											
Power & Energy Systems Production Initiative											
Rare Earth Magnets Production Initiative											
Traveling Wave Tube Amplifiers for Space											
Total:						57,467		57,467	62,930		62,930

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Exhibit P-5e, Weapon System Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement, Defense Wide/ 1/ Procurement			P-1 Line Item Nomenclature: Defense Production Act Purchases (0904903D8Z)						Weapon System Type:		Date: February 2007		
Procurement, Defense Wide Cost Elements	ID CD	FY 2008			FY 2009			FY 2010			FY 2011				
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost		
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000		
Flexible Aerogel Material Supplier Initiative															
Read Out Integrated Circuit (ROIC) Manufacturing Improvement															
Miniature Compressors for Electronics & Personal Cooling															
Hydrogen Ion Implantation Equipment															
Thermal Battery Industrial Base Infrastructure															
Polyhedral Oligomeric Silsesquioxane (POSS) Nanotechnology Scale-up Initiative															
High Performance Batteries & Fuel Cells Production Initiative															
High Performance Coatings Production Initiative															
Next Generation Radiation Hardened Microprocessors															
Amplifying Fluorescent Polymer Based IED Detection Devices															
ALON and Spinel Optical Ceramics															
Advanced Metal Composite Process (Titanium Metal Matrix Composites for Aircraft)															
Silicon Carbide Powder and Ceramic Armor Manufacturing to Protect Armed Forces															
Reactive Plastic CO2 Absorbent Production Initiative															
Boron Fiber Production Initiative															
Beryllium Supply Industrial Base Production Initiative		7,500		7,500	7,500		7,500	7,500		7,500					
Silicon Carbide MMIC Device Production															
Lithium Ion (Li Ion) Battery Production		1,089		1,089											
Advanced Technologies Production Initiative															
Military Lens System Fabrication & Assembly															
Carbon Foam															

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Procurement, Defense Wide Cost Elements	ID CD	FY 2008			FY 2009			FY 2010			FY 2011		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Photovoltaic Solar Cell Encapsulant Production													
Automated Composite Technologies Initiative													
Affordable Methanol Fuel Cells Components													
Armor and Structure Transformation Initiative, Steel to Titanium													
Blue Force Tracking Production Initiative		2,000		2,000	3,000		3,000						
Power & Energy Systems Production Initiative		4,000		4,000	4,000		4,000	4,000		4,000			
Rare Earth Magnets Production Initiative		1,986		1,986	4,110		4,110	5,496		5,496	5,733		5,733
Traveling Wave Tube Amplifiers for Space		2,017		2,017	1,174		1,174						
Total:		18,592		18,592	19,784		19,784	16,996		16,996	5,733		5,733

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Exhibit P-5e, Weapon System Cost Analysis														
Procurement, Defense Wide Cost Elements		ID CD	Appropriation/Budget Activity/Serial No: Procurement, Defense Wide/ 1/ Procurement			P-1 Line Item Nomenclature: Defense Production Act Purchases (0904903D8Z)					Weapon System Type:		Date: February 2007	
		FY 2012			FY 2013			To Complete			Total			
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	
Flexible Aerogel Material Supplier Initiative											5,483			
Read Out Integrated Circuit (ROIC) Manufacturing Improvement											4,538			
Miniature Compressors for Electronics & Personal Cooling											2,450			
Hydrogen Ion Implantation Equipment											6,621			
Thermal Battery Industrial Base Infrastructure											6,972			
Polyhedral Oligomeric Silsesquioxane (POSS) Nanotechnology Scale-up Initiative											11,813			
High Performance Batteries & Fuel Cells Production Initiative											6,800			
High Performance Coatings Production Initiative											3,817			
Next Generation Radiation Hardened Microprocessors											6,367			
Amplifying Fluorescent Polymer Based IED Detection Devices											1,176			
ALON and Spinel Optical Ceramics											3,061			
Advanced Metal Composite Process (Titanium Metal Matrix Composites for Aircraft)											14,618			
Silicon Carbide Powder and Ceramic Armor Manufacturing to Protect Armed Forces											3,429			
Reactive Plastic CO2 Absorbent Production Initiative											5,663			
Boron Fiber Production Initiative											981			
Beryllium Supply Industrial Base Production Initiative											37,764			
Silicon Carbide MMIC Device Production											3,167			
Lithium Ion (Li Ion) Battery Production											3,522			
Advanced Technologies Production Initiative											1,922			
Military Lens System Fabrication & Assembly											1,442			
Carbon Foam											1,591			

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Exhibit P-5e, Weapon System Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement, Defense Wide/ 1/ Procurement			P-1 Line Item Nomenclature: Defense Production Act Purchases (0904903D8Z)			Weapon System Type:			Date: February 2007		
Procurement, Defense Wide Cost Elements	ID CD	FY 2012			FY 2013			To Complete			Total		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Photovoltaic Solar Cell Encapsulant Production											1,342		
Automated Composite Technologies Initiative											5,469		
Affordable Methanol Fuel Cells Components											1,094		
Armor and Structure Transformation Initiative, Steel to Titanium											2,884		
Blue Force Tracking Production Initiative											5,000		
Power & Energy Systems Production Initiative											12,000		
Rare Earth Magnets Production Initiative		5,822		5,822	5,912		5,912				29,059		
Traveling Wave Tube Amplifiers for Space											3,191		
Total:		5,822		5,822	5,912		5,912				193,236		193,236

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Procurement, Defense Wide/ 1/ Procurement			Weapon System Type:		P-1 Line Item Nomenclature: Defense Production Act Purchases (0904903D8Z)						
WBS Cost Elements: Cost (\$ in Thousands)	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Flexible Aerogel Material Supplier Initiative											
FY 2006	Aspen Aerogels	Northborough MA	compet	WPAFB	Aug 2004	na	0	2,500	no	na	na
FY 2007	Aspen Aerogels	Northborough MA	compet	WPAFB	Aug 2004	na	0	2,983	no	na	na
Read Out Integrated Circuit (ROIC) Manufacturing Improvement											
FY 2006	AMI Semiconductor	Pocatello, ID	compet	WPAFB	Oct 2005	na	0	2,351	no	na	na
FY 2007	AMI Semiconductor	Pocatello, ID	compet	WPAFB	Oct 2006	na	0	2,187	no	na	na
Miniature Compressors for Electronics & Personal Cooling											
FY 2006	Aspen Compressor, LLC	Marlborough, MA	compet	WPAFB	Apr 2005	na	0	2,450	no	na	na
Hydrogen Ion Implantation Equipment											
FY 2006	MEMC Electronics Materials, Co	St. Joseph MO	non compet	WPAFB	Jun 2005	na	0	2,743	no	na	na
FY 2007	MEMC Electronics Materials, Co	St. Joseph MO	non compet	WPAFB	Jun 2005	na	0	3,878	no	na	na
Thermal Battery Industrial Base Infrastructure											
FY 2006	Enser Corp.	Pinellas Park, FL	non compet	WPAFB	Jul 2004	na	0	2,498	no	na	na
FY 2007	Enser Corp.	Pinellas Park, FL	non compet	WPAFB	Jul 2004	na	0	4,474	no	na	na
Polyhedral Oligomeric Silsesquioxane (POSS) Nanotechnology Scale-up Initiative											
FY 2006	Hybrid Plastics	Hattiesburg, MS	compet	WPAFB	Jun 2005	na	0	6,246	no	na	na
FY 2007	Hybrid Plastics	Hattiesburg, MS	compet	WPAFB	Jun 2005	na	0	5,567	no	na	na
High Performance Batteries & Fuel Cells Production Initiative											
FY 2006	Various		compet	WPAFB	TBD	na	0	6,800	no	na	na
High Performance Coatings Production Initiative											

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
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WBS Cost Elements: Cost (\$ in Thousands)		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2006		Various		compet	WPAFB	TBD	na	0	3,817	no	na	na
Next Generation Radiation Hardened Microprocessors												
FY 2006		Various		compet	WPAFB	TBD	na	0	2,905	no	na	na
FY 2007		Various		compet	WPAFB	TBD	na	0	3,462	no	na	na
Amplifying Fluorescent Polymer Based IED Detection Devices												
FY 2006		Nomadics, Inc. Stillwater, OK		non compet	WPAFB	Jul 2006	na	0	1,176	no	na	na
ALON and Spinel Optical Ceramics												
FY 2006		Surmet Corp Burlington< MA		non compet	WPAFB	Nov 2006	na	0	1,470	no	na	na
FY 2007		Surmet Corp Burlington< MA		non compet	WPAFB	Nov 2006	na	0	1,591	no	na	na
Advanced Metal Composite Process (Titanium Metal Matrix Composites for Aircraft)												
FY 2006		FMW Bridgeport, WV		non compet	WPAFB	Aug 2006	na	0	5,882	no	na	na
FY 2007		FMW Bridgeport, WV		non compet	WPAFB	Aug 2006	na	0	7,955	no	na	na
Silicon Carbide Powder and Ceramic Armor Manufacturing to Protect Armed Forces												
FY 2006		Various		compet	WPAFB	TBD	na	0	3,429	no	na	na
Reactive Plastic CO2 Absorbent Production Initiative												
FY 2006		Micropore, Inc Newark, DE		non compet	WPAFB	Oct 2006	na	0	3,674	no	na	na
FY 2007		Micropore, Inc Newark, DE		non compet	WPAFB	Oct 2006	na	0	1,989	na	na	na
Boron Fiber Production Initiative												
FY 2006		Specialty Materials, Inc Lowell, MA		non Compet	WPAFB	Sep 2006	na	0	981	no	na	na
Beryllium Supply Industrial Base Production Initiative												
FY 2006		Brush Wellman Inc. Cleveland, OH		non compet	WPAFB	Nov 2005	na	0	8,545	no	na	na
FY 2007		Brush Wellman Inc. Cleveland, OH		non compet	WPAFB	Nov 2005	na	0	7,500	no	na	na

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Procurement, Defense Wide/ 1/ Procurement			Weapon System Type:		P-1 Line Item Nomenclature: Defense Production Act Purchases (0904903D8Z)							
WBS Cost Elements: Cost (\$ in Thousands)		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008		Brush Wellman Inc. Cleveland, OH		non compet	WPAFB	Nov 2005	na	0	7,500	no	na	na
FY 2009		Brush Wellman Inc. Cleveland, OH		non compet	WPAFB	Nov 2005	na	0	7,500	no	na	na
Silicon Carbide MMIC Device Production												
FY 2007		Cree, Inc. Durham, NC		compet	WPAFB	Aug 2005	na	0	3,167	no	na	na
Lithium Ion (Li Ion) Battery Production												
FY 2007		Quallion, Inc. Sylmar, CA		compet	WPAFB	Aug 2006	na	0	2,433	no	na	na
FY 2008		Quallion, Inc. Sylmar, CA		compet	WPAFB	Aug 2006	na	0	1,089	no	na	na
Advanced Technologies Production Initiative												
FY 2007		Various		compet	WPAFB	TBD	na	0	1,922	no	na	na
Military Lens System Fabrication & Assembly												
FY 2007		Optical Systems Technology, In Freeport , PA		compet	WPAFB	TBD	na	0	1,442	no	na	na
Carbon Foam												
FY 2007		Various		compet	WPAFB	TBD	na	0	1,591	no	na	na
Photovoltaic Solar Cell Encapsulant Production												
FY 2007		Various		compet	WPAFB	TBD	na	0	1,342	no	na	na
Automated Composite Technologies Initiative												
FY 2007		Various		compet	WPAFB	TBD	na	0	5,469	no	na	na
Affordable Methanol Fuel Cells Components												
FY 2007		Various		compet	WPAFB	TBD	na	0	1,094	no	na	na
Armor and Structure Transformation Initiative, Steel to Titanium												
FY 2007		Various		compet	WPAFB	TBD	na	0	2,884	no	na	na
Blue Force Tracking Production Initiative												
FY 2008		Various		compet	WPAFB	TBD	na	0	2,000	no	na	na
FY 2009		Various		compet	WPAFB	TBD	na	0	3,000	no	na	na
Power & Energy Systems Production Initiative												

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Procurement, Defense Wide/ 1/ Procurement			Weapon System Type:		P-1 Line Item Nomenclature: Defense Production Act Purchases (0904903D8Z)							
WBS Cost Elements: Cost (\$ in Thousands)		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008		Various		compet	WPAFB	TBD	na	0	4,000	no	na	na
FY 2009		Various		compet	WPAFB	TBD	na	0	4,000	no	na	na
Rare Earth Magnets Production Initiative												
FY 2008		Various		compet	WPAFB	TBD	na	0	1,986	no	na	na
FY 2009		Various		compet	WPAFB	TBD	na	0	4,110	no	na	na
Traveling Wave Tube Amplifiers for Space												
FY 2008		Various		compet	WPAFB	TBD	na	0	2,017	no	na	na
FY 2009		Various		compet	WPAFB	TBD	na	0	1,174	no	na	na
REMARKS:												