Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force										DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*				R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*							
COST ($ in Millions)	**FY 2009 Actual**	**FY 2010 Estimate**	**FY 2011 Base Estimate**	**FY 2011 OCO Estimate**	**FY 2011 Total Estimate**	**FY 2012 Estimate**	**FY 2013 Estimate**	**FY 2014 Estimate**	**FY 2015 Estimate**	**Cost To Complete**	**Total Cost**
Total Program Element	54.614	50.502	39.701	0.000	39.701	40.359	41.015	41.691	42.355	Continuing	Continuing
635280: *Manufacturing Technologies*	50.876	46.528	37.701	0.000	37.701	39.359	41.015	41.691	42.355	0.000	0.000
635281: *Manufacturing Readiness*	3.738	3.974	2.000	0.000	2.000	1.000	0.000	0.000	0.000	0.000	0.000

Note

Note: In FY 2009 the AF Manufacturing Technology (ManTech) program transfered to PE 0603680F, Manufacturing Technologies, from PE 0708011F, Industrial Preparedness, to focus on long-term manufacturing and processes and to better align with the Office of the Secretary of Defense ManTech PE.

A. Mission Description and Budget Item Justification

The ManTech program is mandated by Section 2521, Title 10, United States Code, to create an affordable, world-class industrial base manufacturing capability responsive to the warfighter's needs. The Air Force ManTech major program tenets are: development and improvement of technologies and processes; collaboration with government program offices, industry, and academia; investments in generic technologies than can be applied to different applications, technologies beyond reasonable risk level for industry alone; cost-sharing; multiple system/customer applications; potential for significant return on investment; and customer commitment to implement. To this end, ManTech develops, demonstrates, and assesses advanced manufacturing processes and technologies to reduce costs, improve quality/ capability, and shorten cycle times of weapon systems during design, development, production, and sustainment. Where mature processes are not available, laboratory-developed and demonstrated process capabilities are made available for transition into weapon system programs. ManTech objectives are conducted through partnerships with all industry levels, from large prime contractors to small material and parts vendors. Manufacturing Technologies is in Budget Activity 3, Advanced Technology Development, since it develops and demonstrates manufacturing technologies for existing upgrades and/or new system developments that have military utility and address warfighter needs.

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force	DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	**R-1 ITEM NOMENCLATURE** PE 0603680F: *Manufacturing Technologies*

B. Program Change Summary ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	56.376	39.913	0.000	0.000	0.000
Current President's Budget	54.614	50.502	39.701	0.000	39.701
Total Adjustments	-1.762	10.589	39.701	0.000	39.701
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	-0.211			
• Congressional Adds		10.800			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	-1.762	0.000	39.701	0.000	39.701

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2009	FY 2010
Project: 635280: *Manufacturing Technologies*		
Congressional Add: *Advance Casting and Coating Technologies for Aircraft Canopies.*	2.792	0.000
Congressional Add: *Nano-Composite Structures Manufacturing Technology Development.*	0.798	0.000
Congressional Add: *Next Generation Manufacturing Process.*	1.197	0.000
Congressional Add: *Prepreg Thickness Variability Reduction Program.*	1.596	0.000
Congressional Add: *Technology Insertion Demonstration and Evaluation (TIDE).*	3.191	0.000
Congressional Add: *Laser Peening for Friction Stir Welded Aerospace Structures.*	1.596	1.593
Congressional Add: *Next Generation Casting Initiative.*	2.394	3.983
Congressional Add: *Production of Nanocomposites for Aerospace Applications.*	1.596	1.593
Congressional Add: *Automated Processing of Advanced Low Observables (RAPALO).*	1.596	1.195
Congressional Add: *Mobile Laser Systems for Aircraft Structures (MLSAS).*	0.000	0.797
Congressional Add: *Wire Integrity Technology.*	0.000	1.593

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force	DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	**R-1 ITEM NOMENCLATURE** PE 0603680F: *Manufacturing Technologies*

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2009	FY 2010
Congressional Add Subtotals for Project: 635280	16.756	10.754
Congressional Add Totals for all Projects	16.756	10.754

Change Summary Explanation

The FY 2010 President's Budget submittal did not reflect FY 2011 through FY 2015 funding. A detailed explanation of changes between the two budget positions is not provided because it cannot be made in a relevant manner.

In FY 2010, Congress added $1.2 million for Automated Processing of Advanced Low Observables (RAPALO), $1.6 million for Laser Peening for Friction Stir Welded Aerospace Structures, $0.8 million for Mobile Laser Systems for Aircraft Structures (MLSAS), $4.0 million for Next Generation Casting Initiative, $1.6 million for Production of Nanocomposites for Aerospace Applications, and $1.6 million for Wire Integrity Technology.

C. Performance Metrics
Under Development.

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635280: *Manufacturing Technologies*	

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
635280: *Manufacturing Technologies*	50.876	46.528	37.701	0.000	37.701	39.359	41.015	41.691	42.355	0.000	0.000

Note

Note: In FY 2009, the AF Manufacturing Technologies program transfered to PE 0603680F, Manufacturing Technologies, from PE 0708011F, Industrial Preparedness, to focus on long-term manufacturing technologies and processes and to better align with the Office of the Secretary of Defense ManTech PE.

A. Mission Description and Budget Item Justification

The ManTech program is mandated by Section 2521, Title 10, United States Code, to create an affordable, world-class industrial base manufacturing capability responsive to the warfighter's needs. The Air Force ManTech major program tenets are: development and improvement of manufacturing technologies and processes; collaboration with government program offices, industry, and academia; investments in generic technologies that can be applied to different applications, cost-sharing; multiple system/customer applications; potential for significant return on investment; and customer commitment to implement. To this end, ManTech develops and demonstrates advanced manufacturing processes and technologies to reduce costs, improve quality/capability, and shorten cycle times of weapon systems during design, development, production, and sustainment. Where mature processes are not available, laboratory-developed and demonstrated initial process capabilities are made available for transition into weapon system programs. ManTech objectives are conducted through partnerships with all industry levels, from large prime contractors to small material and parts vendors.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Develop and implement cost-effective maintenance, repair, and manufacturing technologies for sustainment of Air Force weapon systems.	6.387	13.982	15.080	0.000	15.080
FY 2009 Accomplishments: In FY 2009: Continued cost-effective repair and manufacturing technologies for affordable sustainment of aircraft and turbine engine components. Continued Engine Rotor Life Extension technical effort to extend the life of critical, high value rotating engine components, which have been in service and scheduled for retirement. Continued assessments and manufacturing technology					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635280: *Manufacturing Technologies*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
development to reduce costs and lead times for high value supply chain commodities. Continued rapid response productivity improvement efforts with selected high value programs. *FY 2010 Plans:* In FY 2010: Continue cost-effective repair and manufacturing technologies for affordable sustainment of both aircraft and turbine engine components. Continue assessments and manufacturing technology development to reduce logistic support costs, lead times for high value supply chain commodities, and cycle times for depot repair. Continue rapid response productivity improvement efforts with selected high value programs. *FY 2011 Base Plans:* In FY 2011: Continue efforts for cost-effective repair and manufacturing technologies enabling affordable sustainment of aircraft and turbine engine components. Continue assessments and manufacturing technology development to reduce logistics support costs, lead times for high value supply chain commodities, and cycle times for depot repair. Continue demonstration of productivity improvement efforts with selected high value programs. Commence efforts supporting High Velocity Maintenance concept at Air Logistics Centers to reduce Programmed Depot Maintenance cycle times and cost. *FY 2011 OCO Plans:* In FY 2011 OCO: N/A.					
MAJOR THRUST: Develop and transition pervasive affordability and producibility technologies for weapon systems and processes. *FY 2009 Accomplishments:* In FY 2009: Continued high value efforts to verify advantages of flexible manufacturing, commercial/ military integration, quality processing, and supplier improvements. Continued development of manufacturing capabilities for more affordable low-observable structures. Developed manufacturing	27.733	21.792	22.621	0.000	22.621

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635280: *Manufacturing Technologies*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
capabilities for advanced propulsion technologies. Continued rapid response productivity improvement efforts for selected high value programs. Continued efforts to address critical electronics manufacturing technologies for various C2ISR and space applications in order to improve affordability and producibility. Continued efforts on Active Electronically Scanned Arrays (AESA) radar to enable improved manufacturing processes for reduced costs and cycle times and greater production capacity. Continued efforts on affordable datalink components to enable improved manufacturing processes for reduced costs and cycle times and increased production throughput. Conducted assessments on critical technologies in lab and acquisition programs to ensure affordable, producible technology transition. *FY 2010 Plans:* In FY 2010: Continue high value efforts to verify advantages of flexible manufacturing, commercial/ military integration, quality processing, and supplier improvements. Continue development and demonstration of manufacturing capabilities for more affordable low-observable structures. Develop manufacturing capabilities for advanced propulsion technologies. Continue rapid response productivity improvement efforts for selected high value programs. Continue efforts to address critical electronics manufacturing technologies for various C2ISR and space applications in order to improve affordability and producibility. Continue efforts on AESA radar to enable improved manufacturing processes for reduced costs and cycle times and greater production capacity of next generation radars. Continue efforts on affordable datalink components to enable improved manufacturing processes for reduced costs and cycle times. Commence development of advanced manufacturing processes for pervasive space needs. Conduct assessments on critical technologies in lab and acquisition programs to ensure affordable, producible technology transition. *FY 2011 Base Plans:* In FY 2011: Continue high value efforts to verify advantages of flexible manufacturing, commercial/ military integration, quality processing, and supplier improvements. Continue development and transition of manufacturing capabilities for more affordable low-observable structures. Demonstrate					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635280: *Manufacturing Technologies*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
manufacturing capabilities for advanced propulsion technologies. Continue rapid response process improvement efforts for selected high value programs. Continue efforts to address critical electronics manufacturing technologies for various C2ISR and space systems in order to improve affordability and producibility. Continue efforts on AESA radar to enable improved manufacturing processes for reduced costs and cycle times and greater production capacity of next generation radars. Continue efforts on affordable datalink components to enable advanced technology insertion through improved manufacturing processes to reduce costs and cycle times, as well as system miniaturization. Continue development of advanced manufacturing processes for pervasive space subsystems or components. Conduct assessments on critical technologies in lab and acquisition programs to ensure affordable, producible technology transition. *FY 2011 OCO Plans:* In FY 2011 OCO: N/A.					
Accomplishments/Planned Programs Subtotals	34.120	35.774	37.701	0.000	37.701

	FY 2009	FY 2010
Congressional Add: Advance Casting and Coating Technologies for Aircraft Canopies. *FY 2009 Accomplishments:* In FY 2009: Conducted Congressionally-directed effort for Advance Casting and Coating Technologies for Aircraft Canopies. *FY 2010 Plans:* In FY 2010: Not Applicable.	2.792	0.000
Congressional Add: Nano-Composite Structures Manufacturing Technology Development.	0.798	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635280: *Manufacturing Technologies*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010
FY 2009 Accomplishments: In FY 2009: Conducted Congressionally-directed effort for Nano-Composite Structures Manufacturing Technology Development. *FY 2010 Plans:* In FY 2010: Not Applicable.		
Congressional Add: Next Generation Manufacturing Process. *FY 2009 Accomplishments:* In FY 2009: Conducted Congressionally-directed effort for Next Generation Manufacturing Process. *FY 2010 Plans:* In FY 2010: Not Applicable.	1.197	0.000
Congressional Add: Prepreg Thickness Variability Reduction Program. *FY 2009 Accomplishments:* In FY 2009: Conducted Congressionally-directed effort for Prepreg Thickness Variability Reduction Program. *FY 2010 Plans:* In FY 2010: Not Applicable.	1.596	0.000
Congressional Add: Technology Insertion Demonstration and Evaluation (TIDE).	3.191	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635280: *Manufacturing Technologies*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010
FY 2009 Accomplishments: In FY 2009: Conducted Congressionally-directed effort for Technology Insertion Demonstration and Evaluation (TIDE). *FY 2010 Plans:* In FY 2010: Not Applicable.		
Congressional Add: Laser Peening for Friction Stir Welded Aerospace Structures. *FY 2009 Accomplishments:* In FY 2009: Conducted Congressionally-directed effort for Laser Peening for Friction Stir Welded Aerospace Structures. *FY 2010 Plans:* In FY 2010: Conduct Congressionally-directed effort for Laser Peening for Friction Stir Welded Aerospace Structures.	1.596	1.593
Congressional Add: Next Generation Casting Initiative. *FY 2009 Accomplishments:* In FY 2009: Conducted Congressionally-directed effort for Next Generation Casting Supplier Base Initiative. *FY 2010 Plans:* In FY 2010: Conduct Congressionally-directed effort for Next Generation Casting Supplier Base Initiative.	2.394	3.983
Congressional Add: Production of Nanocomposites for Aerospace Applications.	1.596	1.593

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635280: *Manufacturing Technologies*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010
FY 2009 Accomplishments: In FY 2009: Conducted Congressionally-directed effort for Production of Nanocomposites for Aerospace Applications. *FY 2010 Plans:* In FY 2010: Conduct Congressionally-directed effort for Production of Nanocomposites for Aerospace Applications.		
Congressional Add: Automated Processing of Advanced Low Observables (RAPALO). *FY 2009 Accomplishments:* In FY 2009: Conducted Congressionally-directed effort for RAPALO. *FY 2010 Plans:* In FY 2010: Conduct Congressionally-directed effort for RAPALO.	1.596	1.195
Congressional Add: Mobile Laser Systems for Aircraft Structures (MLSAS). *FY 2009 Accomplishments:* In FY 2009: Not Applicable. *FY 2010 Plans:* In FY 2010: Conduct Congressionally-directed effort for Mobile Laser Systems for Aircraft Structures (MLSAS).	0.000	0.797
Congressional Add: Wire Integrity Technology.	0.000	1.593

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635280: *Manufacturing Technologies*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010
FY 2009 Accomplishments: In FY 2009: Not Applicable. *FY 2010 Plans:* In FY 2010: Conduct Congressionally-directed effort forWire Integrity Technology.		
Congressional Adds Subtotals	16.756	10.754

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• PE 0708011F: *Industrial Preparedness*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

D. Acquisition Strategy

All major contracts in this Program Element were awarded after full and open competition.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635281: *Manufacturing Readiness*	

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
635281: *Manufacturing Readiness*	3.738	3.974	2.000	0.000	2.000	1.000	0.000	0.000	0.000	0.000	0.000

Note

Note: In FY 2009, the AF Manufacturing Technologies program transfered to PE 0603680F, Manufacturing Technologies, from PE 0708011F, Industrial Preparedness, to focus on long-term manufacturing and processes and to better align with the Office of the Secretary of Defense ManTech PE.

A. Mission Description and Budget Item Justification

Manufacturing readiness of technologies is a key concern when identifying and mitigating risk to successfully transition these technologies and systems into production. Within each product sector (aeronautical, space, munitions/directed energy, and C2ISR), manufacturing readiness assessments (MRAs) will be applied and manufacturing readiness levels (MRLs) utilized to gauge and manage manufacturing related issues. Advanced Technology Demonstrations (ATDs) will be used when appropriate to aid in efficient transition. Selected acquisition programs will also be assessed to determine readiness for milestone decisions and/or to reduce manufacturing risk. Pervasive, generic and system-specific manufacturing maturation plans will be developed and implemented based on the assessments to reduce overall program risk and to provide an increased awareness of manufacturing issues throughout major weapon system life cycles. Generic and pervasive manufacturing issues will be identified and considered as potential ManTech programs to transition advanced manufacturing technologies into multiple sectors.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Through application of MRAs, develop and implement manufacturing maturation plans to improve affordability and producibility and mitigate transition risk from development to production.	3.738	3.974	2.000	0.000	2.000
FY 2009 Accomplishments: In FY 2009: Developed Manufacturing Maturation Plans (MMPs) for all Category I ATDs and selected high-visibility program based on MRA. Selected MMPs were executed to increase the MRL and improve technology transition to production. Conducted MRAs on selected Air Force acquisition programs to aid in Milestone Decision Reviews and/or to mitigate cost, schedule, or rate issues. Manufacturing risk was documented based on the assessments and was delivered to the appropriate					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 0603680F: *Manufacturing Technologies*	PROJECT 635281: *Manufacturing Readiness*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
program offices. Pervasive manufacturing issues discovered during the assessments were vetted through the ManTech requirements process. *FY 2010 Plans:* In FY 2010: Continue development of Manufacturing Maturation Plans (MMPs) for Category I ATDs and selected high-visibility programs based on MRA. Execute selected MMPs to increase the MRL and improve technology transition to production. Conduct MRAs on selected Air Force acquisition programs to aid in Milestone Decision Reviews and/or to mitigate cost, schedule, or rate issues. Document manufacturing risk based on the assessments and deliver to the appropriate program offices. Vet pervasive manufacturing issues discovered during the assessments through the ManTech requirements process. *FY 2011 Base Plans:* In FY 2011: Continue development of Manufacturing Maturation Plans (MMPs) for Category I ATDs and selected high-visibility programs based on MRAs. Execute selected MMPs to increase the MRL and improve technology transition to production. Conduct MRAs on selected Air Force acquisition programs to aid in Milestone Decision Reviews and/or to mitigate cost, schedule, or rate issues. Document manufacturing risk based on the assessments and deliver results to the appropriate program offices. Vet pervasive manufacturing issues discovered during the assessments through the ManTech requirements process. *FY 2011 OCO Plans:* In FY2011 OCO: N/A.					
Accomplishments/Planned Programs Subtotals	3.738	3.974	2.000	0.000	2.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force		DATE: February 2010
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C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• PE Not Provided (11524): *PE, 0708011F, Industrial Preparedness*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

D. Acquisition Strategy

All major contracts in this Program Element were awarded after full and open competition.

E. Performance Metrics

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