Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force										DATE: February 2011	

APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 6: *RDT&E Management Support*					R-1 ITEM NOMENCLATURE PE 0702806F: *ACQUISITION AND COMMAND SUPPORT*						

COST ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	18.176	24.968	31.966	-	31.966	28.384	26.320	25.201	25.807	Continuing	Continuing
66ACSI: *ACSI*	18.176	24.968	31.966	-	31.966	28.384	26.320	25.201	25.807	Continuing	Continuing

A. Mission Description and Budget Item Justification

Supporting Congressional and SECDEF mandates, program funding provides the framework for Air Force business and acquisition transformation in developing capabilities-based architectures, re-engineering and enabling technologies, integrating robust systems engineering into early acquisition processes, and developing and managing a larger, more relevant technical workforce with the expertise to uniformly implement OSD and Air Force engineering guidance and policies. Leveraging the Defense Acquisition Performance Assessment, restores stability in Air Force acquisition systems by integrating major processes to reverse trends toward unpredictable program cost, schedule, and performance to facilitate quick response to urgent operational needs from across the entire spectrum of potential conflicts. The PEO/EIS formerly known as 554th Electronic Systems Wing, designs, tests, and evaluates combat support system architectures, operating environments, and computer platforms.

Efforts include:

o Increasing technical and analytical support through training development; independent cost estimating and assessment to help analyze cost/risk growth and create defendable risk analyses for cost, schedule, and technical risks; information technology infrastructure development; and economic, statistical, and engineering analyses of acquisition programs

o Initiating performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis

o Increasing activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community

o Transforming acquisition review processes to re-establish clean lines of responsibility, authority, and accountability at appropriate levels

o Exploring methods to operate a materiel solution development process that is responsive to COCOM capability needs, aligned with the OSD Joint Task Assignment Process

o Creating an acquisition business systems environment, supporting acquisition transformation and enabling Acquisition Excellence, consisting of a foundation of centrally managed and integrated tools applying data standards and enabling repeatable processes across the Air Force Acquisition Enterprise. This environment will support (1) reengineering legacy capabilities into target architectures, environments, and future service-oriented capabilities and (2) implementation of new capability to support Air Force Acquisition processes at the enterprise level. Implementation will result in streamlined processes, standard tools enabling standard work, leveraging of modern technology to provide robust enterprise solutions, and the reduction of manual effort and redundant data entry across the enterprise.   Initiative includes providing capability to: (1) conduct program resources management, (2) conduct program management and oversight, (3) plan and achieve on-time acquisition milestone readiness, (4) adopt commercial enterprise concept of Product Lifecycle Management for the production of traceable requirements, (5) standardize risk management, and (6) manage scientific and technical information.

This program is in Budget Activity 6, RDT&E Management Support because this budget activity includes research, development, test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force				**DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE
3600: *Research, Development, Test & Evaluation, Air Force* BA 6: *RDT&E Management Support*	PE 0702806F: *ACQUISITION AND COMMAND SUPPORT*

B. Program Change Summary ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	18.865	24.968	24.575	-	24.575
Current President's Budget	18.176	24.968	31.966	-	31.966
Total Adjustments	-0.689	-	7.391	-	7.391
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-0.689	-	7.391	-	7.391

Change Summary Explanation

FY12: Increase to improve Acquisition IT systems

Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force		DATE: February 2011

APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 6: *RDT&E Management Support*	R-1 ITEM NOMENCLATURE PE 0702806F: *ACQUISITION AND COMMAND SUPPORT*	PROJECT 66ACSI: *ACSI*

COST ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
66ACSI: *ACSI*	18.176	24.968	31.966	-	31.966	28.384	26.320	25.201	25.807	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

Note

The program funding includes an increases for overhead reductions of $4.822M efficiencies that are intended to reduce out year costs through improvement in program infrastructure or reduction in unit costs. The program funding also includes reductions for service support contractor efficiencies that are not intended to impact program content. The efficiencies reductions total $2.187 in FY12.

A. Mission Description and Budget Item Justification

Supporting Congressional and SECDEF mandates, program funding provides the framework for Air Force business and acquisition transformation in developing capabilities-based architectures, re-engineering and enabling technologies, integrating robust systems engineering into early acquisition processes, and developing and managing a larger, more relevant technical workforce with the expertise to uniformly implement OSD and Air Force engineering guidance and policies. Leveraging the Defense Acquisition Performance Assessment, restores stability in Air Force acquisition systems by integrating major processes to reverse trends toward unpredictable program cost, schedule, and performance to facilitate quick response to urgent operational needs from across the entire spectrum of potential conflicts. The PEO/EIS formerly known as 554th Electronic Systems Wing, designs, tests, and evaluates combat support system architectures, operating environments, and computer platforms.

Efforts include:

o Increasing technical and analytical support through training development; independent cost estimating and assessment to help analyze cost/risk growth and create defendable risk analyses for cost, schedule, and technical risks; information technology infrastructure development; and economic, statistical, and engineering analyses of acquisition programs

o Initiating performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis

o Increasing activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community

o Transforming acquisition review processes to re-establish clean lines of responsibility, authority, and accountability at appropriate levels

o Exploring methods to operate a materiel solution development process that is responsive to COCOM capability needs, aligned with the OSD Joint Task Assignment Process

o Creating an acquisition business systems environment, supporting acquisition transformation and enabling Acquisition Excellence, consisting of a foundation of centrally managed and integrated tools applying data standards and enabling repeatable processes across the Air Force Acquisition Enterprise. This environment will support (1) reengineering legacy capabilities into target architectures, environments, and future service-oriented capabilities and (2) implementation of new capability to support Air Force Acquisition processes at the enterprise level. Implementation will result in streamlined processes, standard tools enabling standard work, leveraging of modern technology to provide robust enterprise solutions, and the reduction of manual effort and redundant data entry across the enterprise.   Initiative includes providing capability to: (1) conduct program resources management, (2) conduct program management and oversight, (3) plan and achieve on-time acquisition

Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 6: *RDT&E Management Support*	**R-1 ITEM NOMENCLATURE** PE 0702806F: *ACQUISITION AND COMMAND SUPPORT*	**PROJECT** 66ACSI: *ACSI*

milestone readiness, (4) adopt commercial enterprise concept of Product Lifecycle Management for the production of traceable requirements, (5) standardize risk management, and (6) manage scientific and technical information.

This program is in Budget Activity 6, RDT&E Management Support because this budget activity includes research, development, test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: Acquisition Mandates	4.785	5.250	5.300	-	5.300
Description: Supporting Congressional and SECDEF mandates. Program funding provides the framework for Air Force business and acquisition.					
FY 2010 Accomplishments: Continued acquisition/engineering process research/cost estimating.					
FY 2011 Plans: Continue acquisition/engineering process research/cost estimating.					
FY 2012 Base Plans: Continue acquisition/engineering process research/cost estimating					
FY 2012 OCO Plans:					
Title: Performance Measurements	3.357	4.399	5.869	-	5.869
Description: Initiating performance measures for capability-based planning constructs					
FY 2010 Accomplishments: Continued performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis.					
FY 2011 Plans: Continue performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis.					
FY 2012 Base Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 6: *RDT&E Management Support*	**R-1 ITEM NOMENCLATURE** PE 0702806F: *ACQUISITION AND COMMAND SUPPORT*	**PROJECT** 66ACSI: *ACSI*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Continue performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis. ***FY 2012 OCO Plans:***					
Title: Technical and Analytical Support ***Description:*** Increasing technical and analytical support through information technology infrastructure development; economic, statistical, and engineering analyses of acquisition programs. ***FY 2010 Accomplishments:*** Continued development of information technology (IT) development. ***FY 2011 Plans:*** Continue development of information technology (IT) development. ***FY 2012 Base Plans:*** Continue development of information technology (IT) development. ***FY 2012 OCO Plans:***	4.672	9.400	11.898	-	11.898
Title: Recruiting and Development ***Description:*** Increasing activities to recruit, develop, and manage the technical workforce ***FY 2010 Accomplishments:*** Continued activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community. ***FY 2011 Plans:*** Continue activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community. ***FY 2012 Base Plans:***	5.362	5.919	8.899	-	8.899

Exhibit R-2A, **RDT&E Project Justification:** PB 2012 Air Force		**DATE:** February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 6: *RDT&E Management Support*	**R-1 ITEM NOMENCLATURE** PE 0702806F: *ACQUISITION AND COMMAND SUPPORT*	**PROJECT** 66ACSI: *ACSI*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2010**	**FY 2011**	**FY 2012 Base**	**FY 2012 OCO**	**FY 2012 Total**
Continue activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community. *FY 2012 OCO Plans:*					
Accomplishments/Planned Programs Subtotals	18.176	24.968	31.966	-	31.966

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• N/A: *Not Applicable*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

Contracts will be awarded through 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.