Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force										DATE: February 2012	

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	24.074	31.962	42.430	-	42.430	38.811	35.707	36.723	31.886	Continuing	Continuing
66ACS1: Acquistion and Command Support	24.074	31.962	37.512	-	37.512	33.814	30.589	31.461	31.886	Continuing	Continuing
66ACSI: ACSI	-	-	4.918	-	4.918	4.997	5.118	5.262	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The program funds efforts to meet the Defense Acquisition Workforce Improvement Act (DAWIA) (Public Law 101-510, Title XII), as well as Congressional and SECDEF mandates to provide acquisition and engineering process research and cost estimating, systems integration modeling and architectural analysis, information technology infrastructure development, and technical workforce. Funding also 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. Efforts include:

- 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
- 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
- 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
- Transforming acquisition review processes to re-establish clean lines of responsibility, authority, and accountability at appropriate levels
- Exploring methods to operate a materiel solution development process that is responsive to COCOM capability needs, aligned with the OSD Joint Task Assignment Process
- Develop and implement a services-oriented acquisition business systems environment to deliver capabilities for the acquisition professional that support acquisition transformation. This effort consists of three components (1) establishing a foundational integrated environment, (2) leveraging the existing technologies and data to standardize access and use, and (3) investing in specific capabilities that enhance process transformation and are interoperable within the overall environment.
- The foundational integrated environment supports the portfolio of acquisition business systems hardware and software, and implements standards for data management and service-oriented design methodology to facilitate efficiency and interoperability by:
-- Exposing core business services currently existing in multiple tools and subsequently retiring duplicative capabilities
-- Reducing training on multiple acquisitions systems by providing all core functionality through a single common interface
-- Consolidating infrastructure to reduce hosting and infrastructure sustainment costs.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2013 Air Force	**DATE:** February 2012
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*

- Existing technologies and data are leveraged to standardize on proven capabilities, and to make existing data stores more accessible and useful across the acquisition domain roles.
- Focused investments in specific capabilities address critical gaps supporting the efficient operation of the Acquisition Domain, in areas such as:
-- Conducting program management and oversight
-- Conducting program resources management
-- Planning and executing on-time acquisition milestone readiness
-- Preparing Purchase Requisitions and Contract Orders
-- Managing contract writing
-- Adopting commercial enterprise concept of Product Lifecycle Management for the production of traceable requirements
-- Planning and execution of technology development and transition
-- Standardizing risk management
-- Managing access to scientific and technical information
-- Increasing industrial base decision-support information.
These integrated capabilities will provide OSD and AF acquisition leadership insights needed to effectively manage a complex portfolio of acquisition programs through more timely and reliable access to authoritative acquisition data.

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. Program Change Summary ($ in Millions)

	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	24.968	31.966	28.384	-	28.384
Current President's Budget	24.074	31.962	42.430	-	42.430
Total Adjustments	-0.894	-0.004	14.046	-	14.046
• Congressional General Reductions	-	-0.004			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.699	-			
• Other Adjustments	-0.195	-	14.046	-	14.046

Change Summary Explanation

FY11: Other Adjustments includes -0.195 Congressional General Reductions

Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force	**DATE:** February 2012
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*

FY13: Increase to improve Acquisition IT systems, to include Electronic Acquisition Services Environment (New Start), and technical workforce development and training.

| Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force | | | | | | | | | DATE: February 2012 | |

APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
3600: Research, Development, Test & Evaluation, Air Force BA 6: RDT&E Management Support	PE 0702806F: ACQUISITION AND COMMAND SUPPORT	66ACS1: Acquistion and Command Support

COST ($ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
66ACS1: Acquisition and Command Support	24.074	31.962	37.512	-	37.512	33.814	30.589	31.461	31.886	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The program funds efforts to meet the Defense Acquisition Workforce Improvement Act (DAWIA) (Public Law 101-510, Title XII), as well as Congressional and SECDEF mandates to provide acquisition and engineering process research and cost estimating, systems integration modeling and architectural analysis, information technology infrastructure development, and technical workforce. Funding also 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. Efforts include:

- 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

- 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

- 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

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

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

- Develop and implement a services-oriented acquisition business systems environment to deliver capabilities for the acquisition professional that support acquisition transformation. This effort consists of three components (1) establishing a foundational integrated environment, (2) leveraging the existing technologies and data to standardize access and use, and (3) investing in specific capabilities that enhance process transformation and are interoperable within the overall environment.

- The foundational integrated environment supports the portfolio of acquisition business systems hardware and software, and implements standards for data management and service-oriented design methodology to facilitate efficiency and interoperability by:

-- Exposing core business services currently existing in multiple tools and subsequently retiring duplicative capabilities

-- Reducing training on multiple acquisitions systems by providing all core functionality through a single common interface

-- Consolidating infrastructure to reduce hosting and infrastructure sustainment costs.

- Existing technologies and data are leveraged to standardize on proven capabilities, and to make existing data stores more accessible and useful across the acquisition domain roles.

Exhibit R-2A, **RDT&E Project Justification:** PB 2013 Air Force		**DATE:** February 2012
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** 66ACS1: *Acquistion and Command Support*

- Focused investments in specific capabilities address critical gaps supporting the efficient operation of the Acquisition Domain, in areas such as:
-- Conducting program management and oversight
-- Conducting program resources management
-- Planning and executing on-time acquisition milestone readiness
-- Preparing Purchase Requisitions and Contract Orders
-- Managing contract writing
-- Adopting commercial enterprise concept of Product Lifecycle Management for the production of traceable requirements
-- Planning and execution of technology development and transition
-- Standardizing risk management
-- Managing access to scientific and technical information
-- Increasing industrial base decision-support information.
These integrated capabilities will provide OSD and AF acquisition leadership insights needed to effectively manage a complex portfolio of acquisition programs through more timely and reliable access to authoritative acquisition data.

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 2011**	**FY 2012**	**FY 2013**
Title: Acquisition Mandates	4.819	5.300	0.600
Description: Supporting Congressional and SECDEF mandates. Program funding provides the framework for Air Force business and acquisition.			
FY 2011 Accomplishments: Continue acquisition/engineering process research/cost estimating.			
FY 2012 Plans: Continue acquisition/engineering process research/cost estimating			
N/A			
FY 2013 Plans: Continue acquisition/engineering process research/cost estimating			
N/A			
Title: Performance Measurements	2.960	5.869	6.100

Exhibit R-2A, **RDT&E Project Justification:** PB 2013 Air Force		**DATE:** February 2012
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** 66ACS1: *Acquistion and Command Support*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2011**	**FY 2012**	**FY 2013**
Description: Initiating performance measures for capability-based planning constructs *FY 2011 Accomplishments:* 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 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. N/A *FY 2013 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. N/A			
Title: Technical and Analytical Support	13.501	11.894	19.200
Description: Increasing technical and analytical support through information technology infrastructure development; economic, statistical, and engineering analyses of acquisition programs. *FY 2011 Accomplishments:* Continue development of information technology (IT) development. *FY 2012 Plans:* Continue development of information technology (IT) development. N/A *FY 2013 Plans:* Continue development of information technology (IT) development. N/A			
Title: Recruiting and Development	2.794	8.899	11.612

Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
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 66ACS1: *Acquistion and Command Support*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2011	FY 2012	FY 2013
Description: Increasing activities to recruit, develop, and manage the technical workforce *FY 2011 Accomplishments:* 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 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. N/A *FY 2013 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. N/A			
Accomplishments/Planned Programs Subtotals	24.074	31.962	37.512

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• Not Applicable: *N/A*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

  N/A

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 2013 Air Force		DATE: February 2012

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
66ACSI: *ACSI*	-	-	4.918	-	4.918	4.997	5.118	5.262	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The program funds efforts to meet the Defense Acquisition Workforce Improvement Act (DAWIA) (Public Law 101-510, Title XII), as well as Congressional and SECDEF mandates to provide acquisition and engineering process research and cost estimating, systems integration modeling and architectural analysis, information technology infrastructure development, and technical workforce. Funding also 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. Efforts include:

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012
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*

-- Conducting program management and oversight

-- Conducting program resources management

-- Planning and executing on-time acquisition milestone readiness

-- Preparing Purchase Requisitions and Contract Orders

-- Managing contract writing

-- Adopting commercial enterprise concept of Product Lifecycle Management for the production of traceable requirements

-- Planning and execution of technology development and transition

-- Standardizing risk management

-- Managing access to scientific and technical information

-- Increasing industrial base decision-support information.

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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 2011	FY 2012	FY 2013
Title: Acquisition Mandates	-	-	4.918
Description: Support Congressional and SECDEF mandates. Program funding provides the framework for Air Force business and acquisition.			
FY 2013 Plans: Continue acquisition/engineering process research/cost estimating.			
Accomplishments/Planned Programs Subtotals	-	-	4.918

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• N/A: *N/A*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

N/A

Exhibit R-2A, **RDT&E Project Justification:** PB 2013 Air Force		**DATE:** February 2012
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*

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.