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**Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force** **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b>			<b>R-1 ITEM NOMENCLATURE</b>								
3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i>			PE 0604337F: <i>Requirements Analysis and Maturation</i>								
BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>											
<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	0.000	35.533	34.339	0.000	34.339	23.963	23.810	23.719	23.725	Continuing	Continuing
645349: <i>Non-Space Systems Requirements Analysis &amp; Maturation</i>	0.000	28.651	27.534	0.000	27.534	19.237	19.104	19.036	19.064	0.000	0.000
64A024: <i>Space Systems Requirements Analysis &amp; Maturation</i>	0.000	6.882	6.805	0.000	6.805	4.726	4.706	4.683	4.661	0.000	0.000

**A. Mission Description and Budget Item Justification**

The Requirements Analysis and Maturation (RAM) program executes integrated materiel studies and analyses across the AF enterprise (air, space, cyber, and weapons) in support of AF corporate structure processes for formulating, planning, and coordinating pre-systems acquisition planning and early systems engineering activities. This effort is in Budget Activity 4, Advanced Component Development and Prototypes, since it involves system specific efforts that expedite technology transition from the laboratory to operational use.

**B. Program Change Summary (\$ in Millions)**

	<b><u>FY 2009</u></b>	<b><u>FY 2010</u></b>	<b><u>FY 2011 Base</u></b>	<b><u>FY 2011 OCO</u></b>	<b><u>FY 2011 Total</u></b>
Previous President's Budget	0.000	35.533	0.000	0.000	0.000
Current President's Budget	0.000	35.533	34.339	0.000	34.339
Total Adjustments	0.000	0.000	34.339	0.000	34.339
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	34.339	0.000	34.339

**UNCLASSIFIED**

R-1 Line Item #51

Page 1 of 24

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2011 Air Force **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>
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**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.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Air Force								<b>DATE:</b> February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>				<b>PROJECT</b> 645349: <i>Non-Space Systems Requirements Analysis &amp; Maturation</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
645349: <i>Non-Space Systems Requirements Analysis &amp; Maturation</i>	0.000	28.651	27.534	0.000	27.534	19.237	19.104	19.036	19.064	0.000	0.000
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**

The Non-Space Systems Requirements Analysis and Maturation (RAM) program addresses a critical need for decision-quality acquisition information prior to committing to a program new start. A number of DoD, GAO, and industry studies point to a need for more disciplined, early-phase systems engineering and pre-systems acquisition planning to produce the detailed acquisition information that previously did not surface until after the initiation of a program. RAM executes integrated materiel studies and analyses across the AF enterprise in support of AF corporate structure processes for formulating, planning, and coordinating pre-acquisition development activities. This program is also responsible for: analyzing published and draft capability needs and requirements to identify potential materiel issues and opportunities; devising materiel solution options to address AF enterprise capability needs and shortfalls; executing cross domain studies and analyses to optimize materiel solution options for the AF; and conducting directed studies and analyses to respond to warfighter capability shortfalls.

This effort will perform a range of activities, including solution analysis, requirements definition, acquisition strategy base-lining, modeling and simulation, and cost analysis. Efforts will focus on delivering improved integrated materiel solution options.

RAM-integrated pre-systems acquisition planning and early systems engineering define preferred materiel concepts and develop acquisition strategies for systems that support those preferred concepts. RAM becomes engaged when a materiel solution is required to fulfill a capability gap or deficiency. It applies appropriate engineering, costing, program management, logistics, and contracting expertise to support the development of warfighting materiel solution options that can be delivered within identified cost, schedule, and performance requirements.

This new and comprehensive approach will ensure adequate oversight and coordination of previously unconsolidated materiel studies, analyses, and development. This ensures efficient and effective systems of systems development planning via consolidation of previously unique system capabilities resident only within individualized program elements.

**B. Accomplishments/Planned Program (\$ in Millions)**

**UNCLASSIFIED**

R-1 Line Item #51

Page 3 of 24











**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2011 Air Force **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 645349: <i>Non-Space Systems Requirements Analysis &amp; Maturation</i>
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**B. Accomplishments/Planned Program (\$ in Millions)**

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
integration of improved system capability development with closely coupled assured sustainment of the developed capability.  <i>FY 2011 Base Plans:</i> In FY 2011: Continue executing integrated materiel studies and analyses across the AF to formulate, plan, and coordinate pre-systems acquisition planning and early systems engineering activities. Efforts include but are not limited to: providing the next generation aircraft training capability and environment; and conducting systems engineering/cost analyses to address capability gaps in recovery of airfield pavements after hostile attacks and in long-term airfield pavement sustainment at forward operating locations.  <i>FY 2011 OCO Plans:</i> In FY 2011 OCO: N/A.					
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	28.651	27.534	0.000	27.534

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• PE Not Provided (12940): <i>Activity Not Provided</i>	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 contracts funded in this program element will be awarded using competitive procedures.

**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.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Air Force** **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 645349: <i>Non-Space Systems Requirements Analysis &amp; Maturation</i>
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**Product Development (\$ in Millions)**

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Force Application pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	4.984	Mar 2010	6.362	Dec 2010	0.000		6.362	Continuing	Continuing	Continuing
Command and Control pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	4.546	Mar 2010	4.546	Feb 2011	0.000		4.546	Continuing	Continuing	Continuing
Battlespace Awareness pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	4.914	Mar 2010	4.055	Feb 2011	0.000		4.055	Continuing	Continuing	Continuing
Net Centric pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	5.114	Mar 2010	3.478	Feb 2011	0.000		3.478	Continuing	Continuing	Continuing
Protection pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	3.978	Apr 2010	3.978	Apr 2011	0.000		3.978	Continuing	Continuing	Continuing
Force Support pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	5.115	Apr 2010	5.115	Apr 2011	0.000		5.115	Continuing	Continuing	Continuing
<b>Subtotal</b>			0.000	28.651		27.534		0.000		27.534			

**Remarks**

**UNCLASSIFIED**

R-1 Line Item #51

Page 10 of 24

**UNCLASSIFIED**

**Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Air Force** **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 645349: <i>Non-Space Systems Requirements Analysis &amp; Maturation</i>
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	Total Prior Years Cost	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	0.000	28.651	27.534	0.000	27.534			

**Remarks**

Total Prior Years Cost may include only FY 2009 data.

**UNCLASSIFIED**

R-1 Line Item #51

Page 11 of 24

**UNCLASSIFIED**

**Exhibit R-4, RDT&E Schedule Profile: PB 2011 Air Force**

**DATE:** February 2010

**APPROPRIATION/BUDGET ACTIVITY**

3600: *Research, Development, Test & Evaluation, Air Force*  
 BA 4: *Advanced Component Development & Prototypes (ACD&P)*

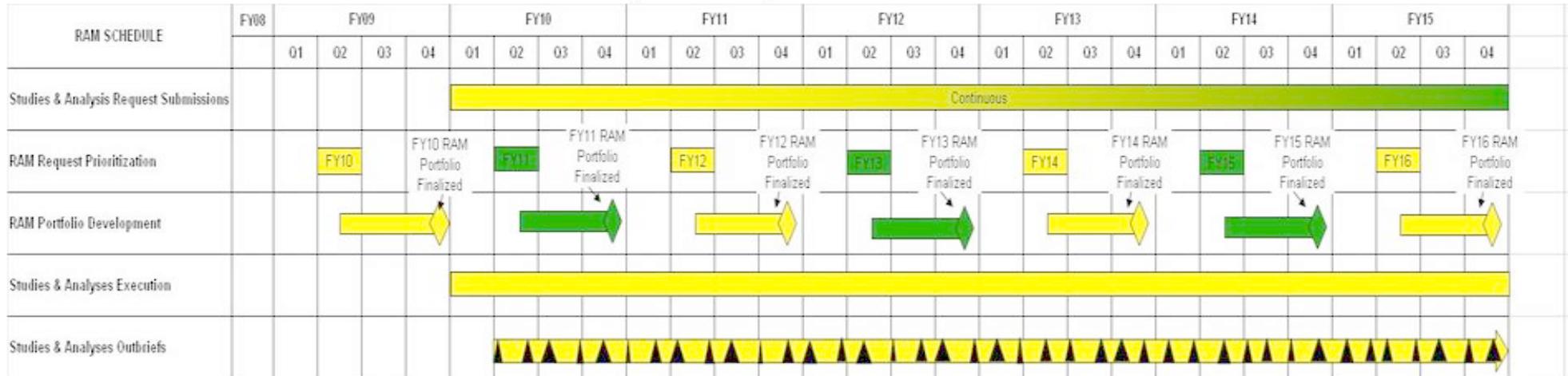
**R-1 ITEM NOMENCLATURE**

PE 0604337F: *Requirements Analysis and Maturation*

**PROJECT**

645349: *Non-Space Systems Requirements Analysis & Maturation*

## Non-Space Systems Requirements, Analysis, and Maturation (RAM) Master Schedule



**UNCLASSIFIED**

R-1 Line Item #51

Page 12 of 24

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details: PB 2011 Air Force** **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 645349: <i>Non-Space Systems Requirements Analysis &amp; Maturation</i>
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Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
FY10 RAM Prioritization	2	2009	2	2009
FY11 RAM Prioritization	2	2010	2	2010
FY12 RAM Prioritization	2	2011	2	2011
FY10 RAM Portfolio Development Finalized	4	2009	4	2009
FY11 RAM Portfolio Development Finalized	4	2010	4	2010
FY12 RAM Portfolio Development Finalized	4	2011	4	2011
Studies & Analysis	1	2010	4	2011
Studies & Analysis Outbriefs	2	2010	4	2011

**UNCLASSIFIED**

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**Exhibit R-2A, RDT&E Project Justification:** PB 2011 Air Force **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 64A024: <i>Space Systems Requirements Analysis &amp; Maturation</i>
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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
64A024: <i>Space Systems Requirements Analysis &amp; Maturation</i>	0.000	6.882	6.805	0.000	6.805	4.726	4.706	4.683	4.661	0.000	0.000
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**

The Space Systems Requirements Analysis and Maturation (RAM) program addresses a critical need for decision-quality acquisition information prior to committing to a program new start. A number of DoD, GAO, and industry studies point to a need for more disciplined early-phase systems engineering and pre-systems acquisition planning to produce the detailed acquisition information that previously did not surface until after the initiation of a program. The Space Systems RAM program provides a disciplined, deliberate planning process to analyze requirements, schedule, cost, technology, and acquisition strategy. The objective is to provide critical decision-quality cost, schedule and technical information for AF and DoD senior leaders to support their acquisition decisions for the annual space investment portfolio and initiating high-confidence acquisition programs.

RAM activities will include science and technology planning, concept and architecture development, acquisition strategy baselining, modeling and simulation, cost analysis, and the pre-planning required for successful demonstration and validation of prototypes and system-of-systems demonstrations. Activities will focus on delivering long-term, integrated, permanent space warfighting capabilities to the Combatant Commands.

The Space Systems RAM will provide the capability to assess the performance, or cost reduction potential, of advanced technology in a near-realistic operational environment, and a rapid transition of capabilities to the warfighter. RAM will assess technology readiness levels for systems prior to key acquisition decision points. Specifically, RAM will mitigate risk before a program is sent to Engineering and Manufacturing Development/Systems Design and Development and will provide the government a cost baseline prior to commitment to a full acquisition program.

RAM is a new and comprehensive approach that will ensure adequate oversight and coordination of previously unconsolidated materiel studies, analyses, and development. System-of-systems pre-acquisition planning and early systems engineering will support consolidation of previously unique system capabilities resident only within individualized program elements.

**B. Accomplishments/Planned Program (\$ in Millions)**

**UNCLASSIFIED**

R-1 Line Item #51

Page 14 of 24







**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Air Force				<b>DATE:</b> February 2010		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 64A024: <i>Space Systems Requirements Analysis &amp; Maturation</i>				
<b>B. Accomplishments/Planned Program (\$ in Millions)</b>						
		<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>
<i>FY 2011 OCO Plans:</i> In FY 2011 OCO: N/A.						
<p>MAJOR THRUST: Conduct RAM activities supporting Military Satellite Communications (MILSATCOM) capabilities--provides connectivity for key military, civil and commercial personnel and components.</p> <p><i>FY 2009 Accomplishments:</i> In FY 2009: Not Applicable.</p> <p><i>FY 2010 Plans:</i> In FY 2010: Formulate materiel approaches to recapitalize wideband and protected satellite communications capabilities beyond the next generation programs in light of an increasingly cost-constrained fiscal environment.</p> <p><i>FY 2011 Base Plans:</i> In FY 2011: Continue formulation of materiel approaches to recapitalize wideband and protected satellite communications capabilities beyond the next generation programs in light of an increasingly cost-constrained fiscal environment.</p> <p><i>FY 2011 OCO Plans:</i> In FY 2011 OCO: N/A.</p>		0.000	1.050	1.050	0.000	1.050
<p>MAJOR THRUST: Conduct RAM activities supporting Launch, Range and Networks capabilities--provides capabilities to launch space assets and provide access to these assets to obtain mission objectives.</p> <p><i>FY 2009 Accomplishments:</i> In FY 2009: Not Applicable.</p>		0.000	0.700	0.700	0.000	0.700

**UNCLASSIFIED**

R-1 Line Item #51

Page 18 of 24



**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Air Force						<b>DATE:</b> February 2010					
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>			<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>			<b>PROJECT</b> 64A024: <i>Space Systems Requirements Analysis &amp; Maturation</i>					
<b>B. Accomplishments/Planned Program (\$ in Millions)</b>											
						<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>	
<p><i>FY 2009 Accomplishments:</i> In FY 2009: Not Applicable.</p> <p><i>FY 2010 Plans:</i> In FY 2010: Execute AF enterprise studies to integrate air, cyber, and space system of system elements to provide more efficient and effective mission architectures.</p> <p><i>FY 2011 Base Plans:</i> In FY 2011: Continue executing AF enterprise studies to integrate air, cyber, and space system of system elements to provide more efficient and effective mission architectures.</p> <p><i>FY 2011 OCO Plans:</i> In FY 2011 OCO: N/A.</p>											
Accomplishments/Planned Programs Subtotals						0.000	6.882	6.805	0.000	6.805	
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• PE Not Provided (13447): <i>Activity Not Provided</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>D. Acquisition Strategy</b>											
All contracts funded in this program element will be awarded using competitive procedures.											
<b>E. Performance Metrics</b>											
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.											

**UNCLASSIFIED**

R-1 Line Item #51

Page 20 of 24

**UNCLASSIFIED**

**Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Air Force** **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 64A024: <i>Space Systems Requirements Analysis &amp; Maturation</i>
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**Product Development (\$ in Millions)**

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Space Situational Awareness and Command & Control pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	0.350	Mar 2010	0.350	Dec 2010	0.000		0.350	Continuing	Continuing	Continuing
Space Protection and Information Operations pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	0.350	Mar 2010	0.350	Dec 2010	0.000		0.350	Continuing	Continuing	Continuing
Missile Warning / Missile Defense pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	1.982	Mar 2010	1.905	Dec 2010	0.000		1.905	Continuing	Continuing	Continuing
Deterrence and Strike pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	0.350	Mar 2010	0.350	Dec 2010	0.000		0.350	Continuing	Continuing	Continuing
Positioning, Navigation and Timing pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	1.050	Mar 2010	1.050	Dec 2010	0.000		1.050	Continuing	Continuing	Continuing
Military Satellite Communications pre-systems acquisition	TBD/TBD	TBD TBD	0.000	1.050	Mar 2010	1.050	Dec 2010	0.000		1.050	Continuing	Continuing	Continuing

**UNCLASSIFIED**

R-1 Line Item #51

Page 21 of 24

**UNCLASSIFIED**

**Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Air Force** **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 64A024: <i>Space Systems Requirements Analysis &amp; Maturation</i>
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**Product Development (\$ in Millions)**

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
planning and early systems engineering													
Launch, Ranges and Networks pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	0.700	Mar 2010	0.700	Dec 2010	0.000		0.700	Continuing	Continuing	Continuing
Operationally Responsive Space pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	0.350	Mar 2010	0.350	Dec 2010	0.000		0.350	Continuing	Continuing	Continuing
AF-Wide Enterprise pre-systems acquisition planning and early systems engineering	TBD/TBD	TBD TBD	0.000	0.700	Mar 2010	0.700	Dec 2010	0.000		0.700	Continuing	Continuing	Continuing
<b>Subtotal</b>			0.000	6.882		6.805		0.000		6.805			

**Remarks**

	Total Prior Years Cost	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>		0.000	6.882	6.805	0.000	6.805		

**Remarks**  
Total Prior Years Cost may include only FY 2009 data.

**UNCLASSIFIED**

R-1 Line Item #51

Page 22 of 24

**UNCLASSIFIED**

**Exhibit R-4, RDT&E Schedule Profile: PB 2011 Air Force**

**DATE:** February 2010

**APPROPRIATION/BUDGET ACTIVITY**

3600: *Research, Development, Test & Evaluation, Air Force*  
 BA 4: *Advanced Component Development & Prototypes (ACD&P)*

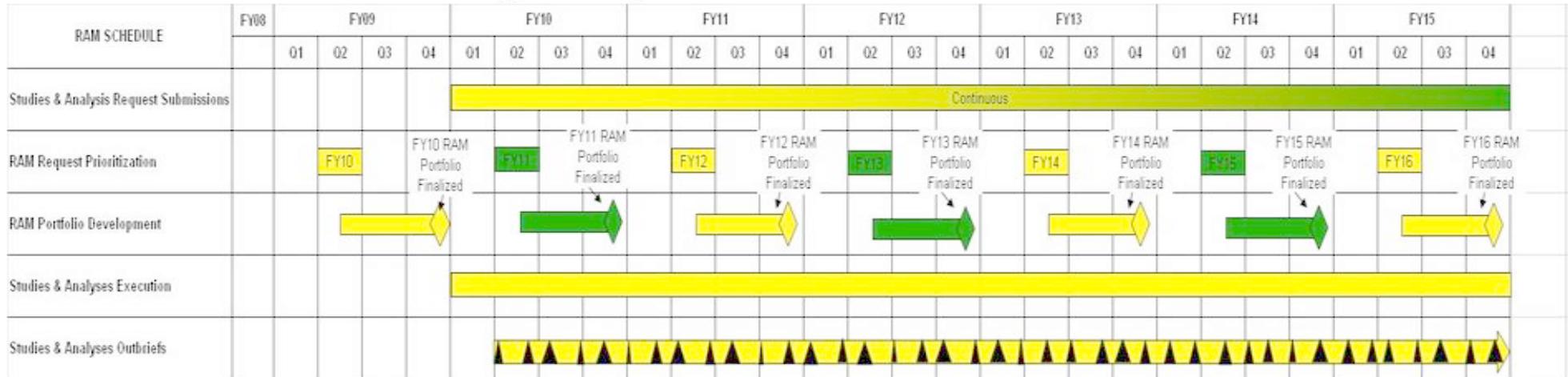
**R-1 ITEM NOMENCLATURE**

PE 0604337F: *Requirements Analysis and Maturation*

**PROJECT**

64A024: *Space Systems Requirements Analysis & Maturation*

## Space Systems Requirements, Analysis, and Maturation (RAM) Master Schedule



**UNCLASSIFIED**

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details: PB 2011 Air Force** **DATE:** February 2010

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604337F: <i>Requirements Analysis and Maturation</i>	<b>PROJECT</b> 64A024: <i>Space Systems Requirements Analysis &amp; Maturation</i>
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Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
FY10 RAM Prioritization	2	2009	2	2009
FY11 RAM Prioritization	2	2010	2	2010
FY12 RAM Prioritization	2	2011	2	2011
FY10 RAM Portfolio Development Finalized	4	2009	4	2009
FY11 RAM Portfolio Development Finalized	4	2010	4	2010
FY12 RAM Portfolio Development Finalized	4	2011	4	2011
Studies & Analyses	1	2010	4	2011
Studies & Analyses Outbriefs	2	2010	4	2011

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