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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 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0301400F: SPACE SUPERIORITY INTELLIGENCE							
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	0.000	0.000	10.006	0.000	10.006	11.906	12.070	12.238	12.416	Continuing	Continuing
67A051: Space Superiority - Advanced Intelligence Systems	0.000	0.000	10.006	0.000	10.006	11.906	12.070	12.238	12.416	Continuing	Continuing

**Note**  
In FY 2011, Project Number 670374, Electronic Combat Spt, C3 Protection/Multi-Mission Technology and Spt, funding and content were transferred from PE 0208021F, Information Warfare Support.

**A. Mission Description and Budget Item Justification**  
Provides Electronic Support (ES) for key find, fix, track, target, engage and assess (F2T2EA) requirements supporting Space Superiority activities. Additionally funding provided for developmental intelligence collection to support new capability acquisition and development. This project funds transportable intelligence collection and analysis capabilities that are modular (plug-and-play), and can keep pace with technological advances and emerging threats. It provides intelligence support systems for Space Situational Awareness activities that provide the requisite current and predictive knowledge of space events and threat conditions and intelligence support to Space Protection Programs by providing architectural survivability analysis of critical mission assets for mission assurance. It also supports phased threat system analysis and studies (A&S), test support, lab equipment, and Material Acquisition and Exploitation (MAE) for system development and vulnerability/susceptibility assessments to support tactics, techniques and procedures (TTP) development and future threat technology studies necessary for mission area success and achievement of space superiority, and to preserve the US space advantage across all domains.  
This program is in Budget Activity 7, Operational System Development, because it studies, develops, and fields IO tools.

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B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	10.006	0.000	10.006
Total Adjustments	0.000	0.000	10.006	0.000	10.006
• 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	10.006	0.000	10.006
Change Summary Explanation					
Funding and content transferred from PE 0208021F, Information Warfare Support effective in FY2011.					
FY 2011: The FY 2010 President's Budget submittal did not reflect FY 2011 through FY 2015 funding. Therefore, explanation of changes between the two budget positions 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 7: <i>Operational Systems Development</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0301400F: <i>SPACE SUPERIORITY INTELLIGENCE</i>				<b>PROJECT</b> 67A051: <i>Space Superiority - Advanced Intelligence Systems</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>
67A051: <i>Space Superiority - Advanced Intelligence Systems</i>	0.000	0.000	10.006	0.000	10.006	11.906	12.070	12.238	12.416	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
<b>Note</b> In FY 2011, Project Number 67A051, Space Superiority - Advanced Intelligence Systems content and funding were transferred from PE 0208021F, Information Warfare Support, in order to focus specific attention on the Space Superiority Intelligence requirements.											
<b>A. Mission Description and Budget Item Justification</b> Provides Electronic Support (ES) for key find, fix, track, target, engage and assess (F2T2EA) requirements supporting Space Superiority activities. Additionally funding provided for developmental intelligence collection to support new capability acquisition and development. This project funds transportable intelligence collection and analysis capabilities that are modular (plug-and-play), and can keep pace with technological advances and emerging threats. It provides intelligence support systems for Space Situational Awareness activities that provide the requisite current and predictive knowledge of space events and threat conditions and intelligence support to Space Protection Programs by providing architectural survivability analysis of critical mission assets for mission assurance. It also supports phased threat system analysis and studies (A&S), test support, lab equipment, and Material Acquisition and Exploitation (MAE) for system development and vulnerability/susceptibility assessments to support tactics, techniques and procedures (TTP) development and future threat technology studies necessary for mission area success and achievement of space superiority, and to preserve the US space advantage across all domains. This program is in Budget Activity 7, Operational System Development, because it studies, develops, and fields IO tools.											
<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>	
MAJOR THRUST: Developing transportable intelligence collection and analysis capabilities that are modular (plug-and-play), and can keep pace with technological advances and emerging threats.						0.000	0.000	10.006	0.000	10.006	
FY 2009 Accomplishments: In FY 2009: Not applicable.											

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Air Force							<b>DATE:</b> February 2010				
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<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 2010 Plans:</i> In FY 2010: Not applicable</p> <p><i>FY 2011 Base Plans:</i> In FY 2011: Space Superiority and R&amp;D intelligence support; architecture upgrade support to SSA, SPP &amp; Space Superiority; data analysis and product Development for R&amp;D deployment; support for testing and data collection.</p> <p><i>FY 2011 OCO Plans:</i> In FY 2011 OCO: Not Applicable.</p>											
Accomplishments/Planned Programs Subtotals						0.000	0.000	10.006	0.000	10.006	
<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 0280021F: <i>RDT&amp;E, AF</i>	9.463	9.989	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
• PE 0301400F: <i>OMAF</i>	13.025	20.015	34.141	0.000	34.141	34.966	32.382	33.499	34.685	0.000	0.000
<b>D. Acquisition Strategy</b>											
All contracts funded in this program will be awarded using competitive procedures to the maximum extent possible.											
<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.											

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2011 Air Force</b>											<b>DATE:</b> February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0301400F: <i>SPACE SUPERIORITY INTELLIGENCE</i>				<b>PROJECT</b> 67A051: <i>Space Superiority - Advanced Intelligence Systems</i>						
<b>Product Development (\$ in Millions)</b>														
				<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>				
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	
Space Superiority and R&D intelligence support	TBD/TBD	TBD TBD	0.000	0.000		2.505	Nov 2010	0.000		2.505	Continuing	Continuing	Continuing	
Architecture upgrade support to SSA, SPP, and Space Superiority	TBD/TBD	TBD TBD	0.000	0.000		1.601	Nov 2010	0.000		1.601	Continuing	Continuing	Continuing	
Data analysis and product development for R&D	TBD/TBD	TBD TBD	0.000	0.000		5.400	Nov 2010	0.000		5.400	Continuing	Continuing	Continuing	
Deployment support for testing and data collection	TBD/TBD	TBD TBD	0.000	0.000		0.500	Nov 2010	0.000		0.500	Continuing	Continuing	Continuing	
<b>Subtotal</b>			0.000	0.000		10.006		0.000		10.006				
<b>Remarks</b>														
			<b>Total Prior Years Cost</b>	<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	
<b>Project Cost Totals</b>			0.000	0.000		10.006		0.000		10.006				
<b>Remarks</b> Total Prior Years Cost may include only FY 2009 data.														

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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 7: Operational Systems Development

**R-1 ITEM NOMENCLATURE**

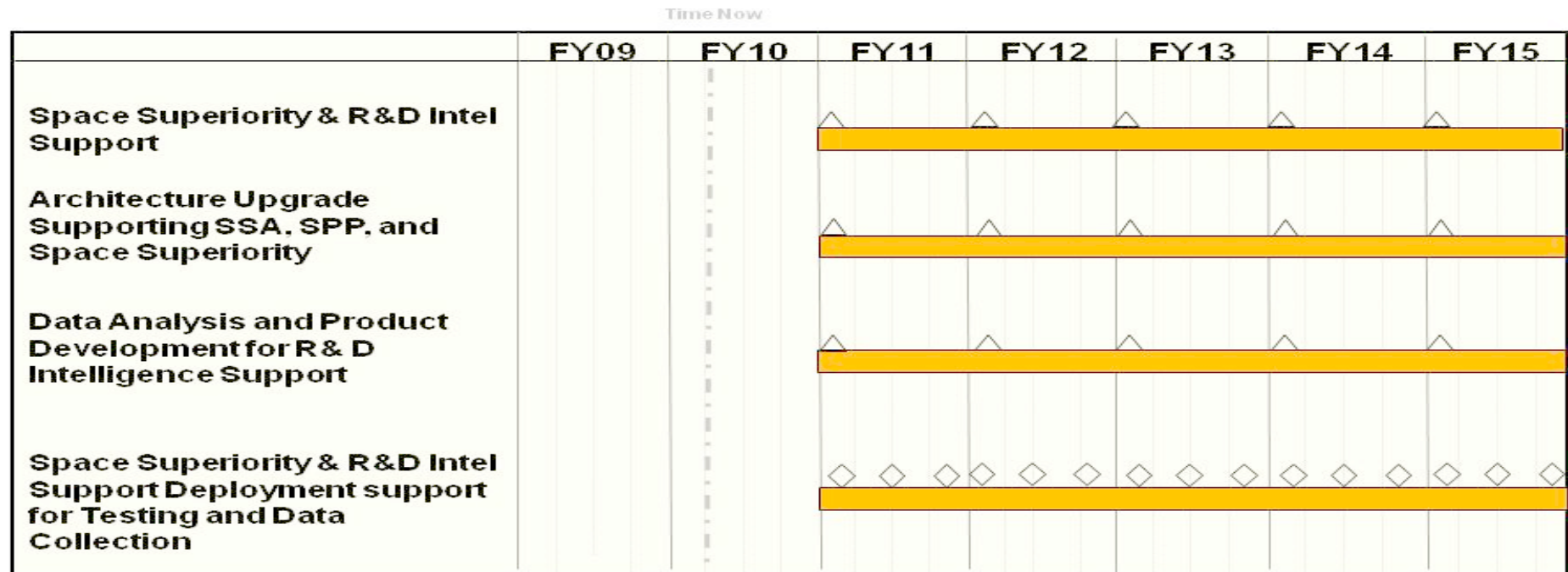
PE 0301400F: SPACE SUPERIORITY  
INTELLIGENCE

**PROJECT**

67A051: Space Superiority - Advanced  
Intelligence Systems



# Space Superiority Intelligence Program Schedule



◇ Key Event  
△ Contract Award

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Air Force			DATE: February 2010	
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Schedule Details				
	Start		End	
Event	Quarter	Year	Quarter	Year
Space Superiority R&D intel support	1	2011	4	2011
Architecture upgrade supporting SSA, SPP, and Space Superiority	1	2011	4	2011
Data analysis and product development for R&D intelligence Support	1	2011	4	2011
Deployment support for testing and data collection	1	2011	4	2011

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