

Exhibit R-2, RDT&E Budget Item Justification							Date: February 2003	
Appropriation/Budget Activity RDT&E/Defense Wide BA # 3				R-1 Item Nomenclature: AIR TO AIR TECHNOLOGY PE 0603943D8Z				
Cost (\$ in millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	0	0	2.000	1.936	1.958	1.954	1.956	1.954
<b>A. Mission Description and Budget Item Justification:</b>								
<p>(U) This program integrates, demonstrates and evaluates current and future air to air missile technology generated in and for the U.S. military with other available worldwide air to air missiles both currently developed and planned. An underpinning of air superiority of U.S. systems is the ability to detect, identify and kill potential adversaries before the adversary can react. There is mounting evidence that other nations are developing long-range standoff munitions that conceptually could eliminate U.S. superiority in future air-to-air combat. This fact, coupled with the inherent lack of maneuver of most stealth aircraft could leave the US in a vulnerable security posture.</p> <p>(U) This program allows understanding, comparative tests, advanced component integration to ensure the continued advantage of US air systems.</p>								
<b>B. Program Change Summary:</b> (Show total funding, schedule, and technical changes for the program element that have occurred since the previous President's Budget Submission)								
	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>				
Previous President's Budget	0.000	0.000	0.000	0.000				
Current FY 2004 President's Budget	0.000	0.000	2.000	1.936				
Total Adjustments			+2.000	+1.936				
Congressional program reductions								
Congressional rescissions								
Congressional increases								
Reprogrammings								
SBIR/STTR Transfer								
Other				(+2.000)	(+1.936)			
<b>C. Other Program Funding Summary:</b> N/A								
<b>D. Acquisition Strategy. * Not Applicable</b>								
<ul style="list-style-type: none"> <li>• Not required for Budget Activities 1, 2, 3, and 6</li> </ul>								

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Exhibit R-2a, RDT&E Project Justification						Date FEBRUARY 2003		
Appropriation/Budget Activity RDT&E/Defense Wide BA 3				Project Name and Number AIR TO AIR TECHNOLOGY PE 603943D8Z				
Cost (\$ in millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
	0	0	2.000	1.936	1.958	1.954	1.956	1.954
<b>A. Mission Description and Budget Item Justification:</b>								
<p>U) This program integrates, demonstrates and evaluates current and future air to air missile technology generated in and for the U.S. military with other available worldwide air to air missiles both currently developed and planned. An underpinning of air superiority of U.S. systems is the ability to detect, identify and kill potential adversaries before the adversary can react. There is mounting evidence that other nations are developing long-range standoff munitions that conceptually could eliminate U.S. superiority in future air-to-air combat. This fact, coupled with the inherent lack of maneuver of most stealth aircraft could leave the US in a vulnerable security posture.</p>								
		<u>FY 2002</u> 0		<u>FY 2003</u> 0		<u>FY 2004</u> 2,000		<u>FY 2005</u> 1,936
<b>(U) FY 2004 Plans:</b>								
<p>U) This program is a new start in FY 2004 and will select programs to begin demonstrations and evaluations of current and future air to air missile technology generated in the U.S. or available worldwide (both currently developed and planned).</p> <p>(U) This program allows understanding, comparative tests, advanced component integration to ensure the continued advantage of US air systems. This program will be executed out of the Office of the Director, Defense Research and Engineering, Deputy Under Secretary of Defense (Advanced Systems and Concepts).</p>								
<b>(U) FY 2005 Plans:</b>								
<p>(U) Demonstrations and evaluations continue on selected air-to-air missile technology.</p>								
<b>C. Other Program Funding Summary: Not Applicable</b>								
<b>D. Acquisition Strategy. Not Applicable</b>								
<b>E. Major Performers: See B.</b>								
<b>* Not required for Budget Activities 1, 2, 3, and 6.</b>								