

Exhibit R-2, RDT&E Budget Item Justification						Date: February 2006	
Appropriation/Budget Activity RDT&E Defense-Wide, BA 4	R-1 Item Nomenclature: Advanced Sensor Applications Program PE 0603714D8Z						
Cost (\$ in millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	26.075	24.675	18.820	18.781	18.885	19.389	20.038
A. Mission Description and Budget Item Justification:							
<p>The program focuses on continued development of domestic technologies and assessment of foreign technologies that have demonstrated potential for improvements in U.S. capabilities. Unique and innovative approaches are used to expand the performance envelopes of existing systems. This program supports military requirements identified in Joint Vision 2010, the Defense Science and Technology Strategy, Full Spectrum Dominance and the Joint Warfighting Capability Objectives. This program is funded under Budget Activity 4, Demonstration and Validation because it supports advanced technology demonstrations that evaluate technology transition to operational use.</p> <p>Effective with FY07, this program transfers out of OUSD(Intelligence) and will be managed by OUSD(AT&L).</p> <p><u>Program Accomplishments and Plans:</u></p> <p>FY 2005 Accomplishments:</p> <ul style="list-style-type: none"> • Mission Support \$26.075 <p>FY 2006 Accomplishments:</p> <ul style="list-style-type: none"> • Mission Support \$24.675 <p>FY 2007 Plans:</p> <ul style="list-style-type: none"> • Mission Support \$18.820 							
B. Program Change Summary: (Show total funding, schedule, and technical changes for the program element that have occurred since the previous President's Budget Submission)							

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	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Previous President's Budget	26.110	18.275	18.527
Current President's Budget	26.075	24.675	18.820
Total Adjustments	-.035	+6.400	+.293
Congressional program reductions		-.150	
Congressional rescissions		-.250	
Congressional increases		+6.800	
Other adjustments	-.035		+.293

Change Summary Explanation:

FY 2005: \$.035 Department adjustments (Previous President's Budget included \$9.150 in Congressional adds and \$.621 Undistributed congressional reduction)

FY 2006: \$3.000 Congressional add for secure airborne freespace optical comm.; \$2.800 Congressional add for biometric signatures research; \$1.000 Congressional add for advanced tactical geolocation; \$.150 Congressional program reductions; \$.250 Congressional rescissions

FY 2007: Department increase.

C. Other Program Funding Summary: Not Applicable

D. Acquisition Strategy: Not Applicable

E. Performance Metrics: Numbers of operational field demonstrations; actual/in-kind resource sharing differential among participating entities; numbers of studies produced; numbers of successful anomaly detections; numbers of false-positive results. Numbers of technology transfers.