

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Office of Secretary Of Defense **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603714D8Z: <i>Advanced Sensors Application Program</i>
---	--

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	15.912	17.627	18.060	0.000	18.060	18.434	18.845	19.230	19.605	Continuing	Continuing
714: <i>Advanced Sensors Application Program</i>	15.912	17.627	18.060	0.000	18.060	18.434	18.845	19.230	19.605	Continuing	Continuing

A. Mission Description and Budget Item Justification

The program focuses on continued development of domestic technologies to support the 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 2020, the Defense Science and Technology Strategy, the ASW Initial Capabilities Document, and the Fleet ASW Integrated Prioritized Capability List.

B. Program Change Summary (\$ in Millions)

	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>
Previous President's Budget	15.912	17.771	0.000	0.000	0.000
Current President's Budget	15.912	17.627	18.060	0.000	18.060
Total Adjustments	0.000	-0.144	18.060	0.000	18.060
• Congressional General Reductions		-0.144			
• 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 Program Adjustments	0.000	0.000	18.060	0.000	18.060

C. Accomplishments/Planned Program (\$ in Millions)

UNCLASSIFIED

R-1 Line Item #73

Page 1 of 3

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Office of Secretary Of Defense **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603714D8Z: <i>Advanced Sensors Application Program</i>
---	--

C. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Advanced Sensor Applications Program	15.912	17.627	18.060	0.000	18.060
<i>FY 2009 Accomplishments:</i>					
Mission Support (Classified details provided in Defense-Wide (classified) Volume 7 book)					
<i>FY 2010 Plans:</i>					
Mission Support (Classified details provided in Defense-Wide (classified) Volume 7 book)					
<i>FY 2011 Base Plans:</i>					
Mission Support (Classified details provided in Defense-Wide (classified) Volume 7 book)					
<i>FY 2011 OCO Plans:</i>					
N/A					
Accomplishments/Planned Programs Subtotals	15.912	17.627	18.060	0.000	18.060

D. Other Program Funding Summary (\$ in Millions)

N/A

E. Acquisition Strategy

N/A

F. 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.

UNCLASSIFIED

R-1 Line Item #73

Page 2 of 3

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Office of Secretary Of Defense **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603714D8Z: <i>Advanced Sensors Application Program</i>	PROJECT 714: <i>Advanced Sensors Application Program</i>
---	--	--

	Total Prior Years Cost	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	0.000	0.000	0.000	0.000			

Remarks
Classified details provided in Defense-Wide (classified) Volume 7 book for Exhibit R3 and R4.

UNCLASSIFIED