

UNCLASSIFIED

PE NUMBER: 0207277F
 PE TITLE: Chief's Innovation Program

Exhibit R-2, RDT&E Budget Item Justification	DATE February 2007
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BUDGET ACTIVITY 07 Operational System Development	PE NUMBER AND TITLE 0207277F Chief's Innovation Program
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Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	1.626	1.587	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
4931 Eagle Vision	1.626	1.587	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD

(U) A. Mission Description and Budget Item Justification

Eagle Vision is a deployable ground station for programming and collecting panchromatic, multispectral, and synthetic aperture radar broad-area imagery from commercial earth remote sensing satellites and processing/merging it with national imagery for mission planning, topographic analysis, and intelligence-gathering purposes. The AF has an operational Eagle Vision system at Ramstein AFB, GE and the ANG has an operational system at Nevada ANG, Reno, NV, one at South Carolina ANG, McEntire ANG, SC, one at Hawaii ANG, Hickam AFB, HI, and one is being procured for the Alabama ANG. Program is in Budget Activity 7 because it provides for the development of technologies and capabilities in support of operational system development.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	1.695	1.612		
(U) Current PBR/President's Budget	1.626	1.587		
(U) Total Adjustments	-0.069			
(U) Congressional Program Reductions		-0.019		
Congressional Rescissions		-0.006		
Congressional Increases				
Reprogrammings	-0.038			
SBIR/STTR Transfer	-0.031	-0.033		

(U) Significant Program Changes:

Exhibit R-2a, RDT&E Project Justification

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BUDGET ACTIVITY 07 Operational System Development					PE NUMBER AND TITLE 0207277F Chief's Innovation Program			PROJECT NUMBER AND TITLE 4931 Eagle Vision		
Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
4931 Eagle Vision	1.626	1.587	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

Eagle Vision is a deployable ground station for programming and collecting panchromatic, multispectral, and synthetic aperture radar broad-area imagery from commercial earth remote sensing satellites and processing/merging it with national imagery for mission planning, topographic analysis, and intelligence-gathering purposes. The AF has an operational Eagle Vision system at Ramstein AFB, GE and the ANG has an operational system at Nevada ANG, Reno, NV, one at South Carolina ANG, McEntire ANG, SC, one at Hawaii ANG, Hickam AFB, HI, and one is being procured for the Alabama ANG. Program is in Budget Activity 7 because it provides for the development of technologies and capabilities in support of operational system development.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Continue to update baselines and reduce footprints on Eagle Vision units	0.147	0.439		
(U) Continue to provide sustaining system engineering and technical support	1.479	1.148		
(U) Total Cost	1.626	1.587	0.000	0.000

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) AF RDT&E										
(U) Other APPN	6.095	5.247	5.687	5.801	5.917				Continuing	TBD

(U) D. Acquisition Strategy

Eagle Vision was approved to use Sole Source procurement via an International Agreement Competitive Restrictions (IACR) for Acquisition and Sustainment.

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Exhibit R-3, RDT&E Project Cost Analysis

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BUDGET ACTIVITY				PE NUMBER AND TITLE						PROJECT NUMBER AND TITLE				
07 Operational System Development				0207277F Chief's Innovation Program						4931 Eagle Vision				
(U) Cost Categories (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior to FY 2006 Cost</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u>														
TBD	SS/FFP	Various		0.618	Nov-06	0.432	Nov-07					Continuing	TBD	TBD
Subtotal Product Development			0.000	0.618		0.432		0.000		0.000		Continuing	TBD	TBD
Remarks:														
(U) <u>Support</u>														
MITRE	SS/FFP	Various		0.627	Dec-06	0.655	Nov-07					Continuing	TBD	TBD
ITSP	C/FFP	Various		0.381	Dec-06	0.500	Nov-07					Continuing	TBD	TBD
Subtotal Support			0.000	1.008		1.155		0.000		0.000		Continuing	TBD	TBD
Remarks:														
(U) <u>Test & Evaluation</u>														
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
(U) <u>Management</u>														
Subtotal Management			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
(U) Total Cost			0.000	1.626		1.587		0.000		0.000		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

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BUDGET ACTIVITY
07 Operational System Development

PE NUMBER AND TITLE
0207277F Chief's Innovation Program

PROJECT NUMBER AND TITLE
4931 Eagle Vision

CHIEF'S INNOVATION PROGRAM-EAGLE VISION													
	FY05				FY06				FY07				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
System Engineering	▲												▲
Baseline Upgrades	▲												▲

Exhibit R-4a, RDT&E Schedule Detail

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0207277F Chief's Innovation Program

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4931 Eagle Vision

(U) Schedule Profile

FY 2006

FY 2007

FY 2008

FY 2009

(U) Continue baseline upgrades and footprint reduction

1-4Q

1-4Q

(U) Systems engineering

1-4Q

1-4Q