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PE NUMBER: 0207277F

PE TITLE: Chief's Innovation Program

Exhibit R-2, RDT&E Budget Item Justification

DATE

February 2006

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0207277F Chief's Innovation Program

Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	1.780	1.695	1.612	1.622	1.602	1.607	1.236	Continuing	TBD
4931 Eagle Vision	1.780	1.695	1.612	1.622	1.602	1.607	1.236	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 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Previous President's Budget	1.879	1.695	1.612
(U) Current PBR/President's Budget	1.780	1.695	1.612
(U) Total Adjustments	-0.099	0.000	
(U) Congressional Program Reductions	-0.066		
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer	-0.033		
(U) <u>Significant Program Changes:</u>			

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4931 Eagle Vision

Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
4931 Eagle Vision	1.780	1.695	1.612	1.622	1.602	1.607	1.236	Continuing	TBD
Quantity of RDT&E Articles	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 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Continue to update baselines and reduce footprints on Eagle Vision units	0.141	0.147	0.439
(U) Continue to provide sustaining system engineering and technical support	1.639	1.548	1.173
(U) Total Cost	1.780	1.695	1.612

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

	<u>FY 2005</u> <u>Actual</u>	<u>FY 2006</u> <u>Estimate</u>	<u>FY 2007</u> <u>Estimate</u>	<u>FY 2008</u> <u>Estimate</u>	<u>FY 2009</u> <u>Estimate</u>	<u>FY 2010</u> <u>Estimate</u>	<u>FY 2011</u> <u>Estimate</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>
(U) AF RDT&E									
(U) Other APPN	5.823	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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4931 Eagle Vision

(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract</u> <u>Method &</u> <u>Type</u>	<u>Performing</u> <u>Activity &</u> <u>Location</u>	<u>Total</u> <u>Prior to FY</u> <u>2005</u> <u>Cost</u>	<u>FY 2005</u> <u>Cost</u>	<u>FY 2005</u> <u>Award</u> <u>Date</u>	<u>FY 2006</u> <u>Cost</u>	<u>FY 2006</u> <u>Award</u> <u>Date</u>	<u>FY 2007</u> <u>Cost</u>	<u>FY 2007</u> <u>Award</u> <u>Date</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>	<u>Target Value</u> <u>of Contract</u>
(U) <u>Product Development</u>												
TBD	SS/FFP	Various		0.750	Oct-05	0.618	Nov-06	0.457	Nov-07	Continuing	TBD	TBD
Subtotal Product Development			0.000	0.750		0.618		0.457		Continuing	TBD	TBD
Remarks:												
(U) <u>Support</u>												
MITRE	SS/FFP	Various		0.600	Nov-05	0.627	Dec-06	0.655	Nov-07	Continuing	TBD	TBD
ITSP	C/FFP	Various		0.430	Nov-05	0.450	Dec-06	0.500	Nov-07	Continuing	TBD	TBD
Subtotal Support			0.000	1.030		1.077		1.155		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
Remarks:												
(U) <u>Management</u>												
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) Total Cost			0.000	1.780		1.695		1.612		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

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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															

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Exhibit R-4a, RDT&E Schedule Detail

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4931 Eagle Vision

(U) Schedule ProfileFY 2005FY 2006FY 2007

(U) Continue baseline upgrades and footprint reduction

1-4Q

1-4Q

1-4Q

(U) Systems engineering

1-4Q

1-4Q

1-4Q