

**UNCLASSIFIED**

PE NUMBER: 0304260F

PE TITLE: Airborne SIGINT Enterprise (JMIP)

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>	DATE <b>February 2007</b>
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<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>
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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	87.762	117.390	139.627	143.982	147.485	149.837	152.744	155.858	Continuing	TBD
5180 RC-135 (Airborne SIGINT Development - RC-135)	0.000	38.320	49.375	49.501	47.077	32.048	29.824	34.652	Continuing	TBD
5181 U-2 (Airborne SIGINT Development - U-2)	1.972	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.972	1.972
5182 MQ-1/MQ-9 (Airborne SIGINT Development - Predator)	0.000	2.466	18.082	2.740	2.963	3.057	3.116	3.180	Continuing	TBD
5183 Common Development (Airborne SIGINT Development - Common Development)	80.445	53.693	47.652	66.166	70.095	79.695	85.872	91.162	Continuing	TBD
5184 RQ-4 (Airborne SIGINT Development - Global Hawk)	4.958	10.480	10.887	11.167	11.429	11.594	11.820	12.060	Continuing	TBD
5185 Compass Bright (Airborne SIGINT Development - Compass Bright)	0.387	8.219	8.584	8.848	9.100	9.276	9.456	9.650	Continuing	TBD
5186 Special Programs (Airborne SIGINT Development - Special Platforms)	0.000	4.212	5.047	5.560	6.821	14.167	12.656	5.154	Continuing	TBD

(U) This PE provides signals intelligence (SIGINT) development efforts for all USAF airborne platforms. The funds in this PE are distributed among all Airborne SIGINT Enterprise (ASE) projects based on the development priorities established by the USAF SIGINT Capabilities Working Group (SCWG) in order to build a total SIGINT capability. As a result, the USAF will move funds between BPACs periodically to develop the highest priority projects. This program element will participate in the development, testing, and implementation of international standards (to include NATO standardization agreements) to ensure joint, allied, and coalition interoperability.

**(U) A. Mission Description and Budget Item Justification**

(U) This Program Element (PE) funds efforts associated with the Airborne SIGINT (Signals Intelligence) Enterprise (ASE). ASE is the SIGINT modernization framework for all USAF airborne SIGINT collection platforms and their appropriate interfaces with the Air Force Distributed Common Ground System (AF DCGS). This PE will allow a synergistic development effort to be accomplished while developing a true Air Force-wide capability. This enterprise will use the Air Force Cryptologic Architecture (AFCA) for planning and decision-making and, in turn, employ the Joint Airborne SIGINT Architecture (JASA) open architecture standards to allow maximum ease of future upgrades and system interoperability. The primary goal of ASE is to produce an architecture-based, capability-focused SIGINT investment strategy for the USAF.

**Exhibit R-2, RDT&E Budget Item Justification**

DATE  
**February 2007**

BUDGET ACTIVITY

**07 Operational System Development**

PE NUMBER AND TITLE

**0304260F Airborne SIGINT Enterprise (JMIP)**

(U) This program is Budget Activity 7, Operational Systems Development, because it involves the development of SIGINT capabilities and integration with operational systems such as the RC-135, U-2, MQ-1/MQ-9, RQ-4, Special Programs (Senior Scout and others as required), their associated ground stations and data links, and Compass Bright programs.

(U) Funds in any project may be used to fund initiatives in other projects within this PE at the discretion of the SCWG.

(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	77.798	117.834	123.304	142.563
(U) Current PBR/President's Budget	87.762	117.390	139.627	143.982
(U) Total Adjustments	9.964	0.444		
(U) Congressional Program Reductions				
Congressional Rescissions		0.444		
Congressional Increases				
Reprogrammings	9.964			
SBIR/STTR Transfer				

(U) **Significant Program Changes:**

(U) This PE was established in FY06. The reprogramming of additional FY06 funds was to cover fielding costs associated with the three Airborne Signals Intelligence Payload (ASIP) units developed for the U-2. These additional funds covered support equipment and spares. The growth in funds in FY07 reflects the continuation of the Airborne Signals Intelligence Payload (ASIP) program and the start of development work on the RC-135 fleet, MQ-1/9, Special Projects such as SENIOR SCOUT, and Compass Bright. In FY08, SIGINT development projects will add work in the ASIP Upgrade Program (Spiral development capabilities to enhance the ASIP baseline program through hardware and software modifications necessary to counter the evolving threat). Additionally, \$15.3M was added to increase and accelerate MQ-1 SIGINT efforts.

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2007**

BUDGET ACTIVITY <b>07 Operational System Development</b>				PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>				PROJECT NUMBER AND TITLE <b>5180 RC-135 (Airborne SIGINT Development - RC-135)</b>			
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	
5180 RC-135 (Airborne SIGINT Development - RC-135)	0.000	38.320	49.375	49.501	47.077	32.048	29.824	34.652	Continuing	TBD	
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0			

(U) These funds will be split between the RIVET JOINT, COMBAT SENT, and COBRA BALL programs. Funding increased in FY08-FY10 to reflect the SIGINT Capabilities Working Group (SCWG) priorities and the accomplishment of other ASE initiatives.

**(U) A. Mission Description and Budget Item Justification**

(U) This project supports design studies, engineering analysis, non-recurring engineering, and other efforts associated with the integration and modification of the RC-135 SIGINT sensors and their associated air and ground components. Through extensive utilization of commercial-off-the-shelf (COTS)-based solutions to fielding of needed capabilities, it also incurs the need for continuous diminishing manufacturing sources integration efforts consistent with the COTS technology cycle.

(U) These efforts provide the requisite engineering for preliminary assessments of technical feasibility, operability, or military utility as well as specific engineering implementations integrated into the various baseline modifications.

(U) Budget Activity Justification: This program effort is Budget Activity 7, Operational Systems Development, because it involves Air Force RDT&E necessary to field essential operational capabilities.

(U) RC-135 Breakdown of funds (in millions):

	FY07	FY08	FY09	FY10	FY11	FY12	FY13
RIVET JOINT	31.920	42.575	42.601	40.870	25.048	22.624	27.452
COMBAT SENT	3.400	3.700	3.700	3.600	3.700	3.800	3.800
COBRA BALL	3.000	3.100	3.200	3.300	3.300	3.400	3.400

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

(U) (U) Initiates Non-Recurring Engineering (NRE) for the RC-135 SIGINT Systems  
SEE Classified Budget Exhibits (PE 0305207F)

(U)

(U) Total Cost	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
	0.000	38.320	49.375	49.501

<b>Exhibit R-2a, RDT&amp;E Project Justification</b>	DATE <b>February 2007</b>
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<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5180 RC-135 (Airborne SIGINT Development - RC-135)</b>
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**(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 Complete</u>	<u>Total Cost</u>
(U) (U) PE 0305207F, APAF	<u>Actual</u>	<u>Estimate</u>	Continuing	TBD						
		89.469	106.108	108.109	110.798	113.147	176.555	180.068		

(U) These funds within the PE 0305207F procure all necessary aircraft modifications for the RC-135 program and include those funds necessary to field SIGINT capabilities developed under Project 675180 of this Airborne SIGINT Enterprise.

**(U) D. Acquisition Strategy**

(U) Aircraft, aircraft sensor systems, and associated ground support system modifications planned for FY06-FY13 include the procurement, fielding and logistical support for three distinct RIVET JOINT baseline configurations [baseline 8, 9, 10] and two distinct baselines [baselines 3 & 4] for COMBAT SENT and COBRA BALL. Development and integration managed by the Big Safari Systems Group; they employ evolutionary acquisition approaches to field incremental capability improvements.

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**Exhibit R-3, RDT&E Project Cost Analysis**

DATE  
**February 2007**

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5180 RC-135 (Airborne SIGINT Development - RC-135)</b>
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(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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> SIGINT Sensor Development and Integration	CPFF and FFP	L-3 COM Greenville, TX		0.000		38.320	Jan-07	49.375	Jan-08	49.501	Jan-09	Continuing	TBD	TBD
Subtotal Product Development			0.000	0.000		38.320		49.375		49.501		Continuing	TBD	TBD
Remarks:														
(U) Total Cost			0.000	0.000		38.320		49.375		49.501		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE  
**February 2007**

BUDGET ACTIVITY  
**07 Operational System Development**

PE NUMBER AND TITLE  
**0304260F Airborne SIGINT  
Enterprise (JMIP)**

PROJECT NUMBER AND TITLE  
**5180 RC-135 (Airborne SIGINT  
Development - RC-135)**



**U.S. AIR FORCE**

**RC-135**

FY06    FY07    FY08    FY09    FY10    FY11    FY12    FY13

RIVET JOINT

**Mission Sensors/Hardware/software**

COMBAT SENT

**Mission Sensors/Hardware/software**

COBRA BALL

**Mission Sensors/Hardware/software**

See PE 35207 classified submission for breakout

As of: 8 Jan 07

Exhibit R-4a, RDT&E Schedule Detail

DATE

February 2007

BUDGET ACTIVITY <b>07 Operational System Development</b>	PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	PROJECT NUMBER AND TITLE <b>5180 RC-135 (Airborne SIGINT Development - RC-135)</b>
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(U) <u>Schedule Profile</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Development of RIVET JOINT mission sensors		1-4Q	1-4Q	1-4Q
(U) Development of COMBAT SENT mission sensors		1-4Q	1-4Q	1-4Q
(U) Development of COBRA BALL mission sensors		1-4Q	1-4Q	1-4Q
Details are classified and are shown in the classified portion of PE 0305207F				

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2007**

BUDGET ACTIVITY <b>07 Operational System Development</b>				PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>				PROJECT NUMBER AND TITLE <b>5181 U-2 (Airborne SIGINT Development - U-2)</b>		
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
5181 U-2 (Airborne SIGINT Development - U-2)	1.972	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.972	1.972
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

**(U) A. Mission Description and Budget Item Justification**

(U) This project supported sensor integration and test, design studies, engineering analysis and non-recurring engineering of the ASIP sensor.

(U) This project provides risk reduction for the RQ-4 Global Hawk and will provide the warfighter with a near term combat capability with increased capability improvements accomplished as soon as technology and risk achieve satisfactory levels. The demonstration of ASIP on the U-2 will also be evaluated as part of ASIP's IOT&E by DOT&E. This will support both LRIP and Full Rate Production decisions for ASIP on the Global Hawk (RQ-4B). The first ASIP flight test was accomplished on the U-2 on 15 Dec 06. U-2 test results will support a Global Hawk/ASIP Full Rate Production decision.

(U) Budget Activity Justification: This program effort is Budget Activity 7, Operational Systems Development, because it involves Air Force RDT&E necessary to field essential operational capabilities.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Signals Intelligence (SIGINT) Sensor Integration on the U-2 aircraft	1.972	0.000	0.000	0.000
(U) Total Cost	1.972	0.000	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) N/A

**(U) D. Acquisition Strategy**

(U) SIGINT capabilities will be integrated on to this platform using an evolutionary acquisition approach.

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**Exhibit R-3, RDT&E Project Cost Analysis**

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**February 2007**

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5181 U-2 (Airborne SIGINT Development - U-2)</b>
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<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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>														
SIGINT Sensors Integration	CPAF	Lockheed Martin Aero, Palmdale Ca.		1.486	Dec-05	0.000		0.000		0.000		0.000	1.486	TBD
SIGINT Sensors Integration	Various	Various		0.486	May-06			0.000		0.000		0.000	0.486	TBD
Subtotal Product Development			0.000	1.972		0.000		0.000		0.000		0.000	1.972	TBD
Remarks:														
<u>(U) Total Cost</u>			0.000	1.972		0.000		0.000		0.000		0.000	1.972	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2007

BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE  
5181 U-2 (Airborne SIGINT  
Development - U-2)

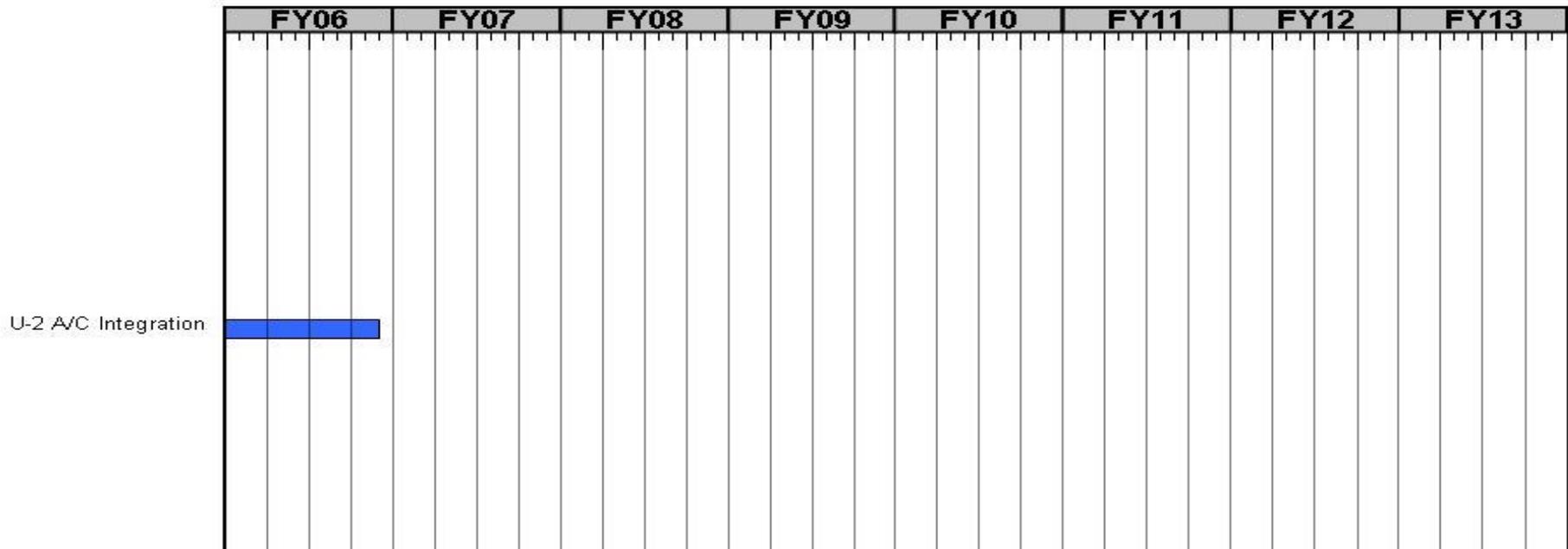


U.S. AIR FORCE

# Baseline ASIP U2 Integration



*Dominant Air Power: Design For Tomorrow...Deliver Today*



As of: 8 Jan 07

Exhibit R-4a, RDT&E Schedule Detail

DATE

February 2007

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE

5181 U-2 (Airborne SIGINT  
Development - U-2)

(U) Schedule Profile

FY 2006

FY 2007

FY 2008

FY 2009

(U) U-2 A/C Integration Development

1-4Q

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2007**

BUDGET ACTIVITY <b>07 Operational System Development</b>				PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>			PROJECT NUMBER AND TITLE <b>5182 MQ-1/MQ-9 (Airborne SIGINT Development - Predator)</b>			
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
5182 MQ-1/MQ-9 (Airborne SIGINT Development - Predator)	0.000	2.466	18.082	2.740	2.963	3.057	3.116	3.180	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) MQ-1/9 SIGINT development efforts in the ASE PE will begin in FY07.

**(U) A. Mission Description and Budget Item Justification**

(U) This project supports design studies, engineering analysis, non-recurring engineering, and other efforts associated with the integration and modification of the MQ-1/MQ-9 SIGINT sensors and their associated air and ground components. This is an RTD&E effort to integrate SIGINT capability on to the MQ-1/MQ-9 platforms. The sensor shall be capable of collecting technical data and geolocating signals of interest and providing sensor data to a workstation. The integration effort shall include the use of existing sensor suites to the maximum extent possible to minimize design costs and reduce development time lines. Design efforts specific to the Predator or Reaper systems may include, but not be limited to, antennas, EMI reduction, encryption techniques, and changes to the aircraft, ground station, data link, and simulator necessary to accommodate a SIGINT payload and its data throughput.

(U) Funding will begin efforts on antennas, receivers, processors, software development, aircraft integration and ground station upgrades to allow a persistent reconnaissance, surveillance, targeting, and acquisition capability against mission specific threats. Development of a networked capability to other SIGINT platforms will also be initiated. FY 08 funding was added to this activity to increased and accelerate a SIGINT capability on this platform.

(U) This project provides the warfighter with increased combat capability as soon as technology and risk achieve satisfactory levels.

(U) Budget Activity Justification: This program effort is Budget Activity 7, Operational Systems Development, because it involves Air Force RDT&E necessary to field essential operational capabilities.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Signals Intelligence (SIGINT) Sensor Development/Integration for MQ-1/9		2.466	18.082	2.740
(U) Total Cost	0.000	2.466	18.082	2.740

**(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) 35219 MQ-1 APAF				26.690	29.630	32.000				

**(U) D. Acquisition Strategy**

(U) Signals Intelligence (SIGINT) capabilities will be integrated on to this platform using an Evolutionary Acquisition approach.

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**Exhibit R-3, RDT&E Project Cost Analysis**

DATE  
**February 2007**

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5182 MQ-1/MQ-9 (Airborne SIGINT Development - Predator)</b>
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<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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>														
SIGINT Sensors Integration	TBD	General Atomics, San Diego, CA		0.000		0.500	May-07	1.500	Jan-08	2.740	Jan-09	Continuing	TBD	TBD
SIGINT Sensors Development	TBD	Northrop Grumman ESL, San Jose, CA		0.000		1.466	May-07	15.582	Jan-08	0.000			17.048	TBD
SIGINT Ground Station Development	TBD	Raytheon, Falls Church, VA				0.500	May-07	1.000	Jan-08	0.000			1.500	TBD
Subtotal Product Development			0.000	0.000		2.466		18.082		2.740		Continuing	TBD	TBD
Remarks:														
<u>(U) Total Cost</u>			0.000	0.000		2.466		18.082		2.740		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2007

BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE  
5182 MQ-1/MQ-9 (Airborne SIGINT  
Development - Predator)

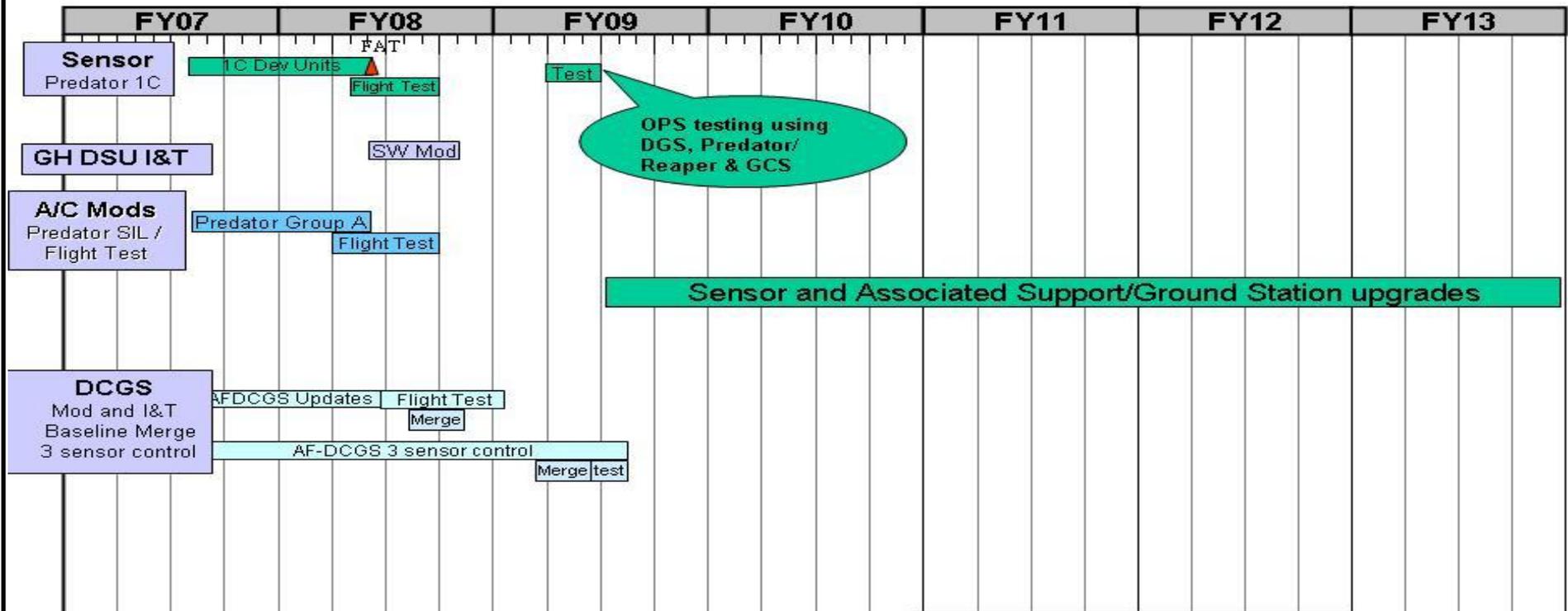


U.S. AIR FORCE

# ASIP 1C on Predator



*Dominant Air Power: Design For Tomorrow...Deliver Today*



**Final Schedule Depends on Platform Contractor's Ability to Support**

Exhibit R-4a, RDT&E Schedule Detail

DATE

February 2007

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE

5182 MQ-1/MQ-9 (Airborne SIGINT  
Development - Predator)

(U) Schedule Profile

FY 2006

FY 2007

FY 2008

FY 2009

(U) Initiate SIGINT development for the MQ-1/MQ-9

2-4Q

1-4Q

1-4Q

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2007**

BUDGET ACTIVITY <b>07 Operational System Development</b>					PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>			PROJECT NUMBER AND TITLE <b>5183 Common Development (Airborne SIGINT Development - Common Development)</b>		
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
5183 Common Development (Airborne SIGINT Development - Common Development)	80.445	53.693	47.652	66.166	70.095	79.695	85.872	91.162	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) This projects supports the development of the Airborne Signals Intelligence payload (ASIP) sensor for use on multiple platforms as well as projects common to the ASE PE overall to include, but not limited to: Air Force Cryptologic Architecture (AFCA) maintenance and modeling and simulation.

**(U) A. Mission Description and Budget Item Justification**

(U) This project supports design studies, engineering analysis, non-recurring engineering, and other efforts associated with the integration and modification of sensors and their associated air and ground components that will be used on/by more than one platform. The common development SIGINT program develops new sensors and maintains present capability by developing replacements for current components affected by diminishing manufacturing sources as well as enhancing capability via spiral development to exploit evolving signals of interest to meet emerging operational requirements. The current sensor being developed is the Airborne Signals Intelligence Payload Program, to be tested by both the Global Hawk (RQ-4B) and U-2. The system's open architecture and Joint Airborne SIGINT Architecture (JASA) compliant design supports streamlined integration of ASIP onto additional ISR platforms, both AF, and cross-service (United States Army & United States Navy), and other government agencies.

(U) This program will design and build a common/scalable SIGINT system designed for maximum coverage of the electromagnetic spectrum through the use of an integrated high and low band system. ASIP will deliver developmental units for integration and test to both the Global Hawk and U-2. U-2 test articles will complete integration and test in 4Q FY06 and begin flight test in 1Q FY07. The Global Hawk article is scheduled to complete integration and test for the developmental article and begin flight test in 1Q FY08. In accordance with an evolutionary acquisition strategy, ASIP will begin preliminary design activities to support spiral software and hardware upgrades beginning in FY08.

(U) This strategy provides the warfighter with a near term combat capability with increased capability improvements accomplished as soon as technology and risk achieve satisfactory levels. Sensors will be integrated and tested on the various platforms as funding permits.

(U) Budget Activity Justification: This program effort is Budget Activity 7, Operational Systems Development, because it involves Air Force RDT&E necessary to field essential operational capabilities.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Complete Baseline ASIP development/integration	80.445	53.693	32.900	
(U) Begin ASIP upgrades in FY08 to meet the evolving threat			14.752	66.166
(U) Total Cost	80.445	53.693	47.652	66.166

Exhibit R-2a, RDT&E Project Justification

DATE

February 2007

BUDGET ACTIVITY <b>07 Operational System Development</b>	PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	PROJECT NUMBER AND TITLE <b>5183 Common Development (Airborne SIGINT Development - Common Development)</b>
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(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 Complete</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>								
(U) APAF, 0305220F - ASIP Production BP10 with Advance Proc	0.000	0.000	10.711	80.405	67.129	72.871	111.794	132.197		475.107
(U) APAF, 0305220F - ASIP Production BP11 with Advanced Proc	0.000	0.000	16.066	91.796	97.137	92.185	53.425	0.000		350.609

(U) **D. Acquisition Strategy**

Signals Intelligence (SIGINT) capabilities will be developed and integrated onto various platforms using an Evolutionary Acquisition approach.

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**Exhibit R-3, RDT&E Project Cost Analysis**

DATE  
**February 2007**

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5183 Common Development (Airborne SIGINT Development - Common Development)</b>
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<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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>														
(U) SIGINT Sensor Development and Integration	CPAF	Northrop Grumman, San Jose, CA		56.129	Oct-05	24.670	Oct-06	34.426	Jan-08	66.166	Jan-09	Continuing	TBD	TBD
(U) ASIP U-2	CPIF	Lockheed Martin Aeronautics, Palmdale, CA		10.115	Nov-05	6.412	Oct-06	1.111	Oct-07			Continuing	TBD	TBD
(U) ASIP U-2	CPIF	L-3 Comm, Salt Lake City, UT				0.743	Dec-06					0.000	0.743	TBD
(U) AFDCGS Integration	CPIF	Lockheed Martin Astronautics, Denver, CO		3.980	Dec-05	6.050	Oct-06	1.200	Nov-07			Continuing	TBD	TBD
(U) AFDCGS Integration	CPIF	Raytheon, Falls Church, VA		6.603	Oct-05	5.885	Oct-06	3.350	Nov-07			Continuing	TBD	TBD
(U) Management, Various Integration Efforts, and Flight Test	Various	Various		3.618	Oct-05	9.933	Nov-06	7.565	Nov-07			Continuing	TBD	TBD
Subtotal Product Development			0.000	80.445		53.693		47.652		66.166		Continuing	TBD	TBD
Remarks:	Above costs for U-2 and AFDCGS are for the baseline ASIP. Upgrade costs for ASIP specific contracts are TBD													
(U) Total Cost			0.000	80.445		53.693		47.652		66.166		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE  
February 2007

BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE  
5183 Common Development  
(Airborne SIGINT Development -  
Common Development)



U.S. AIR FORCE

# Baseline ASIP SoS RDT&E



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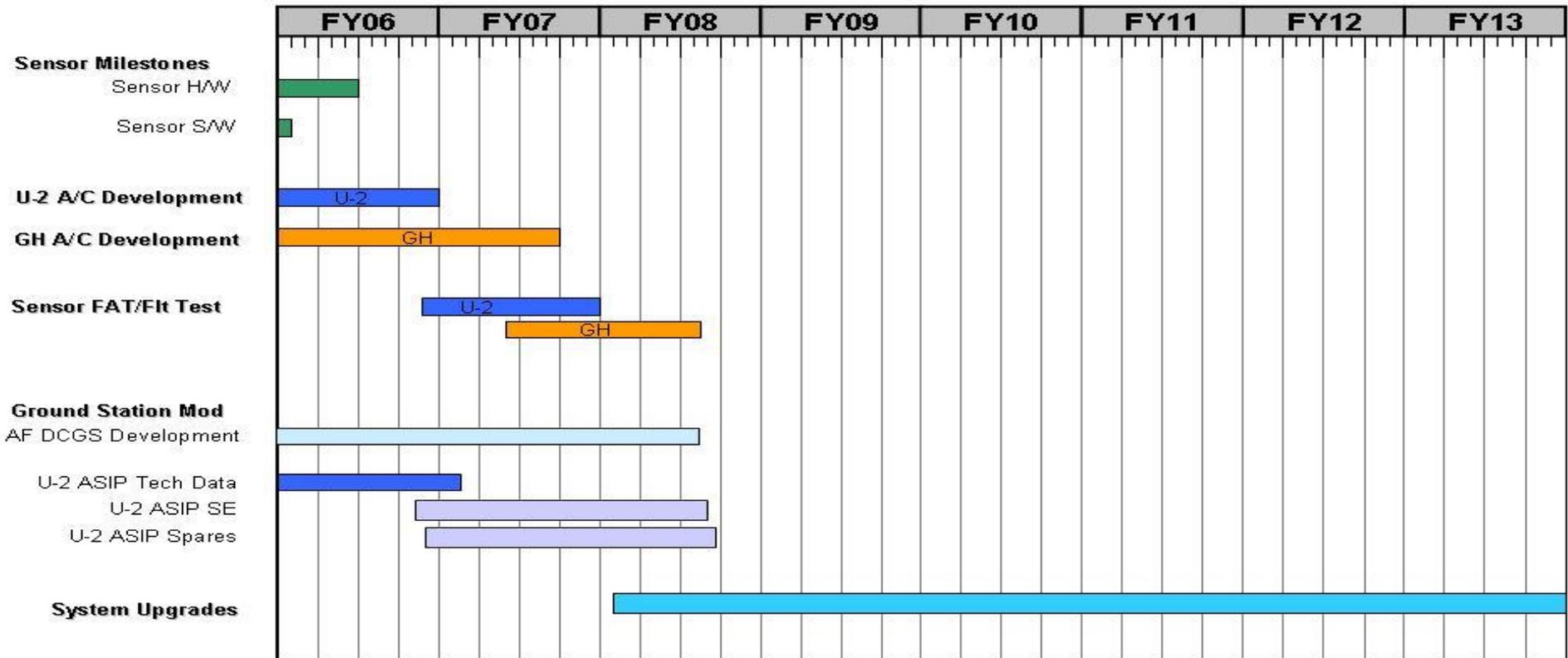


Exhibit R-4, RDT&E Schedule Profile

DATE  
February 2007

BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE  
5183 Common Development  
(Airborne SIGINT Development -  
Common Development)

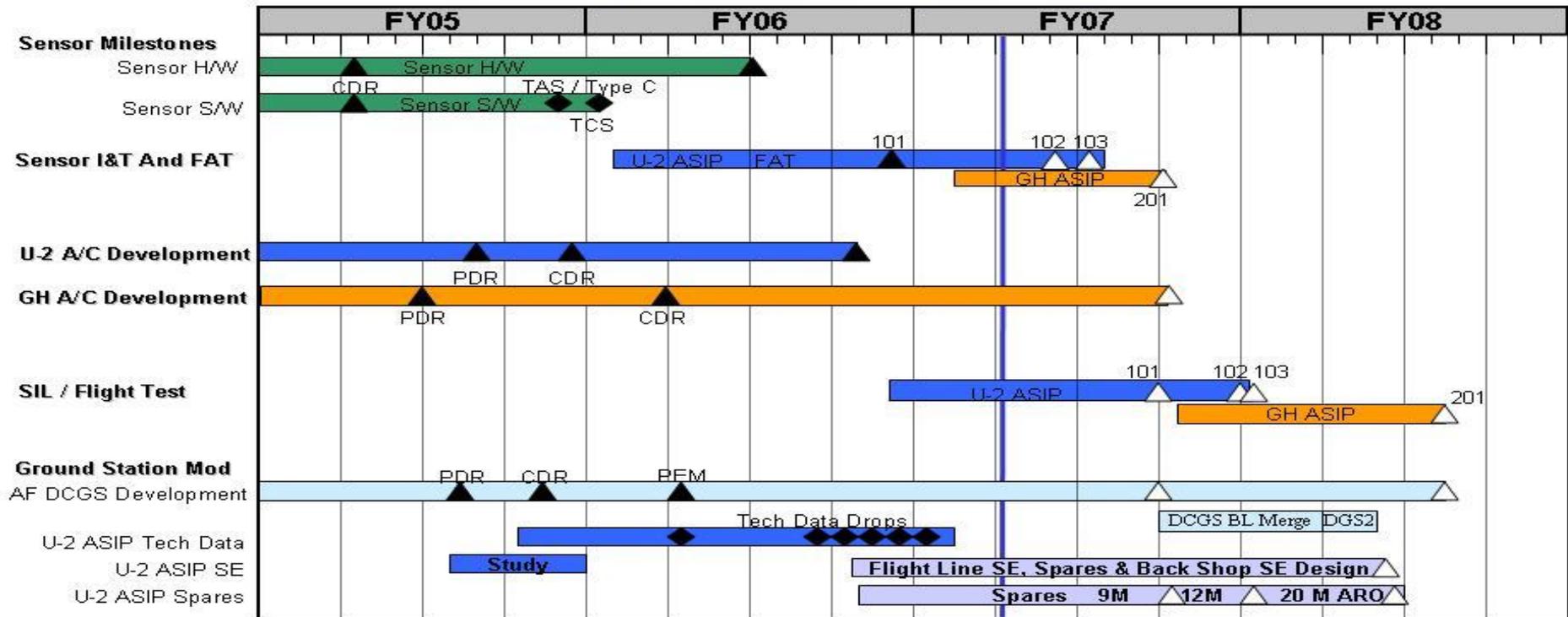


U.S. AIR FORCE

# ASIP SoS RDT&E



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As of: 7 Jan 07

**FAT Complete 22 Sep 06; 1<sup>st</sup> Flight 15 Dec 06**

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<b>Exhibit R-4a, RDT&amp;E Schedule Detail</b>	DATE <b>February 2007</b>
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<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5183 Common Development (Airborne SIGINT Development - Common Development)</b>
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<b>(U) <u>Schedule Profile</u></b>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) ASIP Sensor Hardware	1-4Q	1-3Q		
(U) ASIP Sensor Software	1Q			
(U) U-2 ASIP Int & Factory Acceptance Test (Sensors 101-103)	1-4Q	1-3Q		
(U) GH ASIP Int & Factory Acceptance Test (Sensor 201)		1-3Q		
(U) U-2 ASIP SIL/Flight Test	4Q	1-4Q	1Q	
(U) GH ASIP SIL/Flight Test		4Q	1-3Q	
(U) AF DCGS Development	1-4Q	1-4Q	1-3Q	
(U) U-2 ASIP Tech Data	1-4Q	1Q		
(U) U-2 ASIP Support Equipment	4Q	1-4Q	1-2Q	
(U) U-2 ASIP Spares	4Q	1-4Q	1-2Q	

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2007**

BUDGET ACTIVITY <b>07 Operational System Development</b>				PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>				PROJECT NUMBER AND TITLE <b>5184 RQ-4 (Airborne SIGINT Development - Global Hawk)</b>			
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	
5184 RQ-4 (Airborne SIGINT Development - Global Hawk)	4.958	10.480	10.887	11.167	11.429	11.594	11.820	12.060	Continuing	TBD	
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0			

(U) This project covers RQ-4 SIGINT development integration in the ASE PE.

**(U) A. Mission Description and Budget Item Justification**

(U) This project supports sensor integration and test, flight test, design studies, engineering analysis and non-recurring engineering of the air and ground components for the Global Hawk SIGINT sensors.

(U) This project provides the warfighter with a near-term combat capability with increased capability improvements implemented as soon as technology and risk achieve satisfactory levels. The current sensor being developed for the Global Hawk SIGINT is ASIP. In accordance with an evolutionary acquisition strategy, ASIP will begin preliminary design activities to support spiral software and hardware upgrades beginning in FY08. These upgrades are designed to exploit evolving signals of interest to meet emerging operational requirements.

(U) Budget Activity Justification: This program effort is equivalent to RDT&E budget activity 7, Operational Systems Development, because it involves Air Force R&D necessary to field essential operational capabilities.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Signals Intelligence (SIGINT) Sensor Integration on the Global Hawk aircraft	4.958	10.480	10.887	11.167
(U) Total Cost	4.958	10.480	10.887	11.167

**(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 Complete</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>								
(U) Sensor Integration 0305220F - Sensor Development BP10 APAF	0.000	0.000	10.711	80.181	66.895	72.630	111.416	131.569		473.402
(U) Sensor Integration 0305220F - Sensor Development BP11 APAF	0.000	0.000	16.066	88.896	97.480	91.078	53.173	0.000		346.693

**(U) D. Acquisition Strategy**

(U) Signals Intelligence (SIGINT) capabilities will be integrated on to this platform using an Evolutionary Acquisition approach.

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**Exhibit R-3, RDT&E Project Cost Analysis**

DATE

**February 2007**

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5184 RQ-4 (Airborne SIGINT Development - Global Hawk)</b>
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(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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> SIGINT Sensor Integration	CPAF	Northrop Grumman Mission Sys, San Jose, CA		4.958	Dec-05	10.480	Oct-06	10.887	Jan-08	11.167	Jan-09	Continuing	TBD	TBD
Subtotal Product Development			0.000	4.958		10.480		10.887		11.167		Continuing	TBD	TBD
Remarks:														
(U) Total Cost			0.000	4.958		10.480		10.887		11.167		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2007

BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE  
5184 RQ-4 (Airborne SIGINT  
Development - Global Hawk

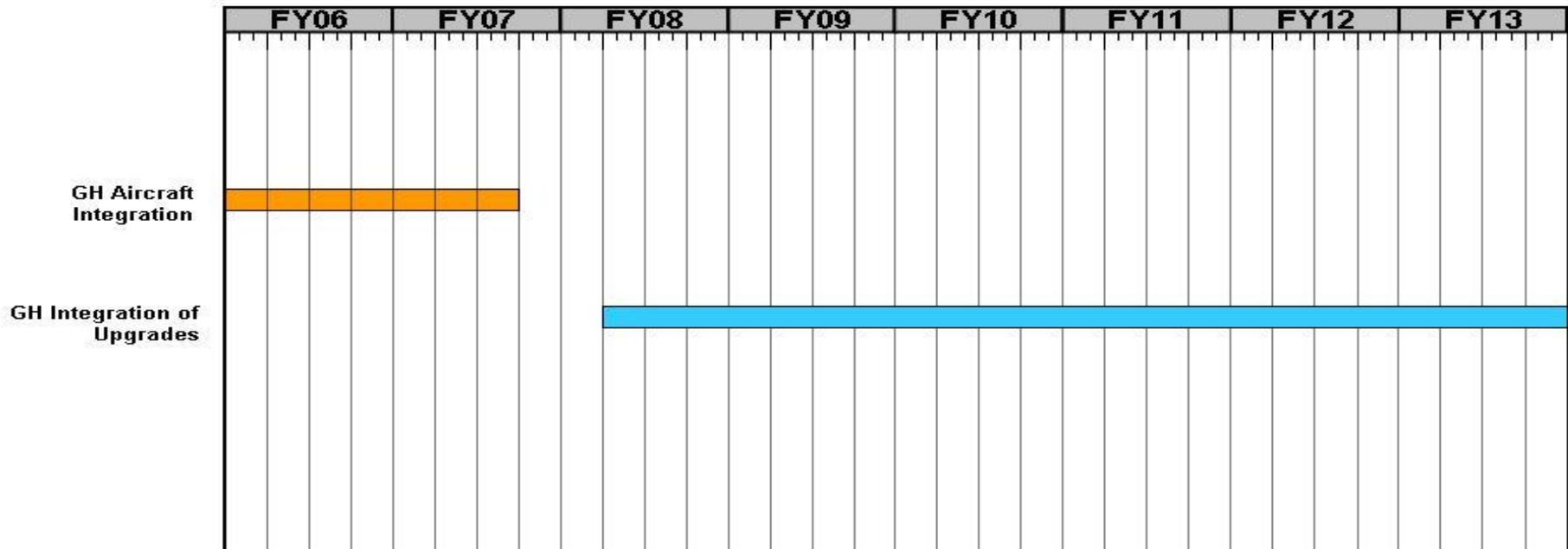


U.S. AIR FORCE

# GH ASIP Integration



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As of: 8 Jan 07

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<b>Exhibit R-4a, RDT&amp;E Schedule Detail</b>		DATE <b>February 2007</b>
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<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5184 RQ-4 (Airborne SIGINT Development - Global Hawk)</b>
--	---	---

<b>(U) <u>Schedule Profile</u></b>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) GH Sensor Chassis Int & Factory Acceptance Test	1-4Q	1-3Q		
(U) GH SIGINT Upgrades			1-4Q	1-4Q

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2007**

BUDGET ACTIVITY <b>07 Operational System Development</b>					PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>			PROJECT NUMBER AND TITLE <b>5185 Compass Bright (Airborne SIGINT Development - Compass Bright)</b>		
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
5185 Compass Bright (Airborne SIGINT Development - Compass Bright)	0.387	8.219	8.584	8.848	9.100	9.276	9.456	9.650	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

**(U) A. Mission Description and Budget Item Justification**

(U) The COMPASS BRIGHT program develops, demonstrates, and rapidly transitions advanced Air Force-specific SIGINT and radio frequency (RF) measurement and signature intelligence (MASINT) capabilities against emerging and future target signals. It is the only USAF program that pursues SIGINT and RF MASINT technology transition. Funds were reduced in FY06 from previous submissions due to higher USAF priorities.

(U) The COMPASS BRIGHT program objective is to develop technologies for application in SIGINT and RF MASINT systems/subsystems. Acquisition and production of these developed technologies will occur within the appropriate platform programs.

(U) Compass Bright projects are selected through a data call process whereby the USAF evaluates proposals from the labs and industry to select those projects that are most promising. This process is completed the year prior to award.

(U) This program is categorized as Budget Activity 7 because it provides for 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 COMPASS BRIGHT development projects in the signals intelligence (SIGINT) and radio frequency (RF) measurement and signature intelligence (MASINT) areas		7.377	7.735	7.975
(U) Mission Support, Program Management Activities	0.387	0.842	0.849	0.873
(U) Total Cost	0.387	8.219	8.584	8.848

**(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) N/A										

**(U) D. Acquisition Strategy**

(U) Ongoing COMPASS BRIGHT technology development and demonstration contracts will continue through existing laboratory relationships and other existing contractual vehicles, with future development projects emphasizing full and open competition.

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**Exhibit R-3, RDT&E Project Cost Analysis**

DATE  
**February 2007**

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5185 Compass Bright (Airborne SIGINT Development - Compass Bright)</b>
--	---	--

<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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>														
Various	Various	AFRL		0.000	Jan-06	7.377	Jan-07	7.735	Jan-08	7.975	Jan-09	Continuing	TBD	TBD
Subtotal Product Development			0.000	0.000		7.377		7.735		7.975		Continuing	TBD	TBD
Remarks:														
<u>(U) Management</u>														
ASC/303 AESW (Aeronautical Systems Wing)		WPAFB, OH		0.387		0.842		0.849		0.873		Continuing	TBD	TBD
Subtotal Management			0.000	0.387		0.842		0.849		0.873		Continuing	TBD	TBD
Remarks:														
<u>(U) Total Cost</u>			0.000	0.387		8.219		8.584		8.848		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2007

BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE  
5185 Compass Bright (Airborne  
SIGINT Development - Compass  
Bright)

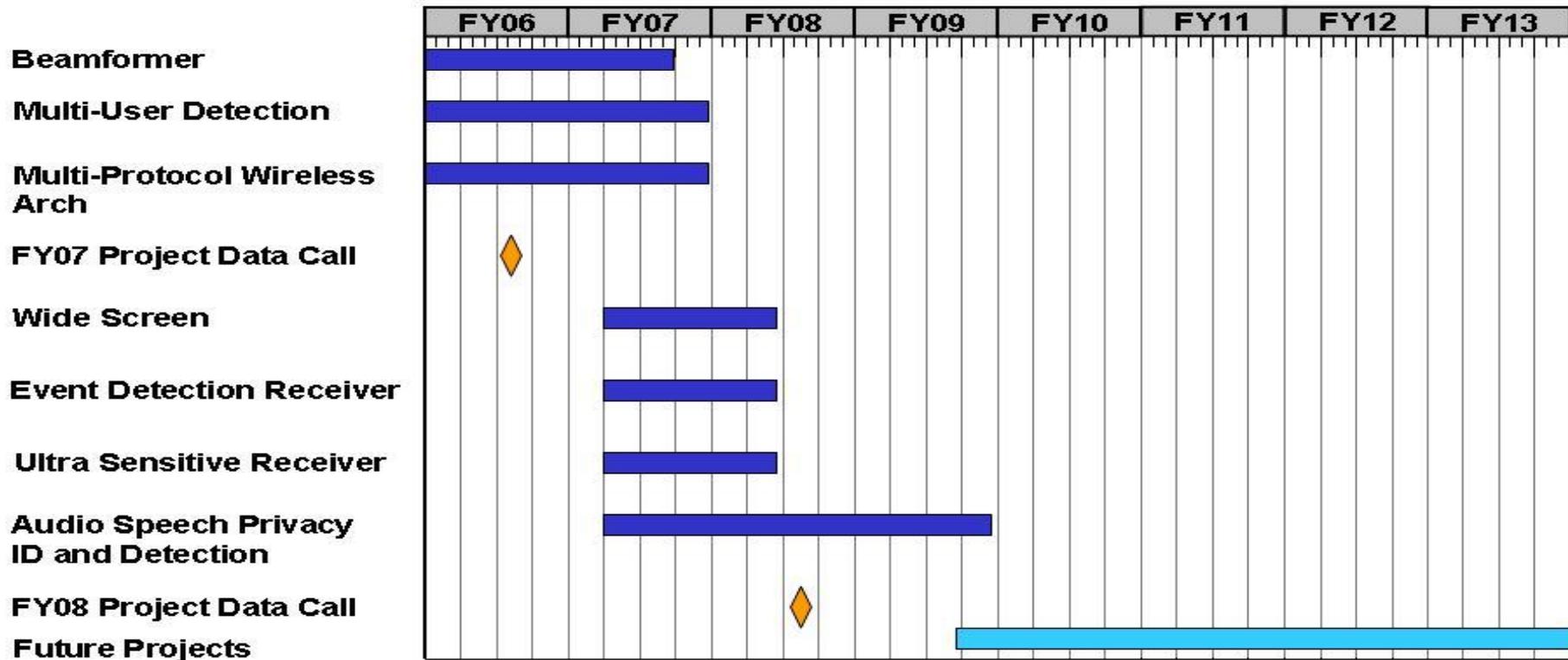


U.S. AIR FORCE

# Compass Bright



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As of: 8 Jan 07

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<b>Exhibit R-4a, RDT&amp;E Schedule Detail</b>	DATE <b>February 2007</b>
--	------------------------------

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5185 Compass Bright (Airborne SIGINT Development - Compass Bright)</b>
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<b>(U) <u>Schedule Profile</u></b>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Beamformer	1-4Q	1-3Q		
(U) Multi-User Detection Demo	1-4Q	1-4Q		
(U) Multi-Protocol Wireless Architecture Demo	1-4Q	1-4Q		
(U) FY07 Proposal Calls	3Q			
(U) Wide Screen		2-4Q	1-2Q	
(U) Event Detection Receiver		2-4Q	1-2Q	
(U) Ultra Sensitive Receiver		2-4Q	1-2Q	
(U) Audio Speech privacy ID and Detection (ASPID)		2-4Q	1-4Q	1-4Q
(U) FY08 Proposal Call		3Q		

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2007**

BUDGET ACTIVITY <b>07 Operational System Development</b>					PE NUMBER AND TITLE <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>			PROJECT NUMBER AND TITLE <b>5186 Special Programs (Airborne SIGINT Development - Special Platforms)</b>		
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
5186 Special Programs (Airborne SIGINT Development - Special Platforms)	0.000	4.212	5.047	5.560	6.821	14.167	12.656	5.154	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) This project will be used to fund SIGINT development efforts in programs such as SENIOR SCOUT, Small UAVs and others.

**(U) A. Mission Description and Budget Item Justification**

(U) This project supports special SIGINT studies as well as the development and integration of advanced SIGINT capabilities on Senior Scout and other classified platforms. Through extensive utilization of COTS-based solutions to fielding of needed capabilities, it also incurs the need for continuous diminishing manufacturing sources integration efforts consistent with the COTS technology cycle.

(U) Senior Scout development efforts will include antenna improvements, sensitivity upgrades, and radio frequency distribution upgrades. Additionally, development will begin to allow this platform to network with other SIGINT assets to increase collection accuracy.

(U) This project provides the warfighter with a near term combat capability with increased capability improvements accomplished as soon as technology and risk achieve satisfactory levels. Sensors will be integrated and tested on various platforms as funding permits.

(U) Budget Activity Justification: This program effort is Budget Activity 7, Operational Systems Development, because it involves Air Force RDT&E necessary to field essential operational capabilities.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Signals Intelligence (SIGINT) Sensor Integration		4.212	5.047	5.560
(U) Total Cost	0.000	4.212	5.047	5.560

**(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) 0503115F		3.474	3.808	3.926	4.024	4.076	4.166	4.257	Continuing	TBD

**(U) D. Acquisition Strategy**

(U) Signals Intelligence (SIGINT) capabilities will be integrated on to various classified platforms using an Evolutionary Acquisition approach.

UNCLASSIFIED

**Exhibit R-3, RDT&E Project Cost Analysis**

DATE  
**February 2007**

<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0304260F Airborne SIGINT Enterprise (JMIP)</b>	<b>PROJECT NUMBER AND TITLE</b> <b>5186 Special Programs (Airborne SIGINT Development - Special Platforms)</b>
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<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; 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> SIGINT Sensor Integration	Various	Sierra Nevada, Reno, NV		0.000		4.212	Jan-07	5.047	Jan-08	5.560	Jan-09	Continuing	TBD	TBD
Subtotal Product Development			0.000	0.000		4.212		5.047		5.560		Continuing	TBD	TBD
Remarks:														
<u>(U) Total Cost</u>			0.000	0.000		4.212		5.047		5.560		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2007

BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0304260F Airborne SIGINT  
Enterprise (JMIP)

PROJECT NUMBER AND TITLE  
5186 Special Programs (Airborne  
SIGINT Development - Special  
Platforms)



# Special Projects Schedule

FY06    FY07    FY08    FY09    FY10    FY11    FY12    FY13

Hardware  
Software  
Improvements



Accuracy  
Improvements



Network  
Ops



As of: 8 Jan 07

Exhibit R-4a, RDT&E Schedule Detail

DATE

February 2007

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0304260F Airborne SIGINT Enterprise (JMIP)

PROJECT NUMBER AND TITLE

5186 Special Programs (Airborne SIGINT Development - Special Platforms)

(U) Schedule Profile

FY 2006

FY 2007

FY 2008

FY 2009

(U) Sensor Development on Senior Scout

1-4Q

1-4Q

1-4Q