

UNCLASSIFIED

PE NUMBER: 0207247F
 PE TITLE: Air Force TENCAP

Exhibit R-2, RDT&E Budget Item Justification	DATE February 2008
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BUDGET ACTIVITY 07 Operational System Development	PE NUMBER AND TITLE 0207247F Air Force TENCAP
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Cost (\$ in Millions)	FY 2007 Actual	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	11.160	11.452	11.578	11.842	12.015	12.249	12.495	Continuing	TBD
0001 Air Force TENCAP	11.160	11.452	11.578	11.842	12.015	12.249	12.495	Continuing	TBD

(U) A. Mission Description and Budget Item Justification

Air Force TENCAP is executed by the Space Innovation and Development Center at Schriever Air Force Base, Colorado. Established by Congress in 1977 as one of a family of service Tactical Exploitation of National Capabilities (TENCAP) programs, increases warfighter awareness of space and National capabilities, and promotes integration of these systems into military and intelligence, surveillance and reconnaissance (ISR) operations through:

- Exploiting existing Space, National and Global ISR, and Non-Traditional ISR (NTISR) for tactical applications by rapidly prototyping projects and demonstrating resulting capabilities. Capabilities will be transitioned to warfighters and/or national intelligence agencies for operational use, and/or appropriate acquisition organizations for further development.
- Influencing the design and operation of future Space, National and Global ISR, and Non-Traditional ISR systems for tactical users.
- Providing education and training to warfighters and National Intelligence agencies.

This program is in Budget Activity 7, Operational System Development, because its efforts develop capabilities to leverage operational systems in order to increase the effectiveness of tactical warfighting activities.

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

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	11.160	11.526	11.750
(U) Current PBR/President's Budget	11.160	11.452	11.578
(U) Total Adjustments	0.000		
(U) Congressional Program Reductions			
Congressional Rescissions		0.074	
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			
(U) <u>Significant Program Changes:</u>			
None			

Exhibit R-2a, RDT&E Project Justification

DATE
February 2008

BUDGET ACTIVITY 07 Operational System Development				PE NUMBER AND TITLE 0207247F Air Force TENCAP			PROJECT NUMBER AND TITLE 0001 Air Force TENCAP		
Cost (\$ in Millions)	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
0001 Air Force TENCAP	11.160	11.452	11.578	11.842	12.015	12.249	12.495	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

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

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Exploit existing space and national systems for tactical applications through rapid-prototyping projects; influence the design and operation of future systems; educate and train operational forces	10.570	10.940	11.046
(U) Conduct Global Positioning System jammer detection and location (GPS JLOC) system projects	0.098	0.000	0.000
(U) Provide program support and other government support	0.492	0.512	0.532
(U) Total Cost	11.160	11.452	11.578

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

	<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>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) Not applicable									

(U) D. Acquisition Strategy

Projects are selected for development based upon needs identified by the program's customers - DOD Departments, Combatant Commands, Components, MAJCOMs, and/or National Intelligence Agencies - and approved via the Space Innovation and Development Center (SIDC) strategic planning process. Acquisition strategies for projects are chosen on a case-by-case basis for optimum results. Many projects are executed via existing contracts maintained by other agencies; others are executed via Air Force TENCAP contracts established with vendors responding to annual Broad Area Announcements issued by SIDC. In all cases the U.S. government organization sponsoring a project is responsible for assuming acquisition, deployment, logistics, and budgetary responsibilities for the developed capability after it has been successfully demonstrated by Air Force TENCAP.

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Exhibit R-3, RDT&E Project Cost Analysis

DATE

February 2008

BUDGET ACTIVITY				PE NUMBER AND TITLE					PROJECT NUMBER AND TITLE				
07 Operational System Development				0207247F Air Force TENCAP					0001 Air Force TENCAP				
(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 2007 Cost</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> Exploiting existing systems through rapid-prototyping projects; influencing future systems; educating and training GPS JLOC projects (including Nightshade and Namath)	Various	Various	198.993	10.570	Dec-06	10.940	Dec-07	11.046	Dec-08	Continuing	TBD		
Subtotal Product Development			209.544	10.668		10.940		11.046		Continuing	TBD	0.000	
Remarks:													
(U) <u>Support</u> Program oversight	Various	Various	7.305	0.492	Nov-06	0.512	Dec-07	0.532	Dec-08	Continuing	TBD		
Subtotal Support			7.305	0.492		0.512		0.532		Continuing	TBD	0.000	
Remarks:													
(U) <u>Test & Evaluation</u> Not applicable											0.000		
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		0.000	0.000	0.000	
Remarks:													
(U) <u>Management</u> Not applicable											0.000		
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	0.000	
Remarks:													
(U) Total Cost			216.849	11.160		11.452		11.578		Continuing	TBD	0.000	

Exhibit R-4, RDT&E Schedule Profile

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BUDGET ACTIVITY
07 Operational System Development

PE NUMBER AND TITLE
0207247F Air Force TENCAP

PROJECT NUMBER AND TITLE
0001 Air Force TENCAP



Air Force TENCAP Schedule

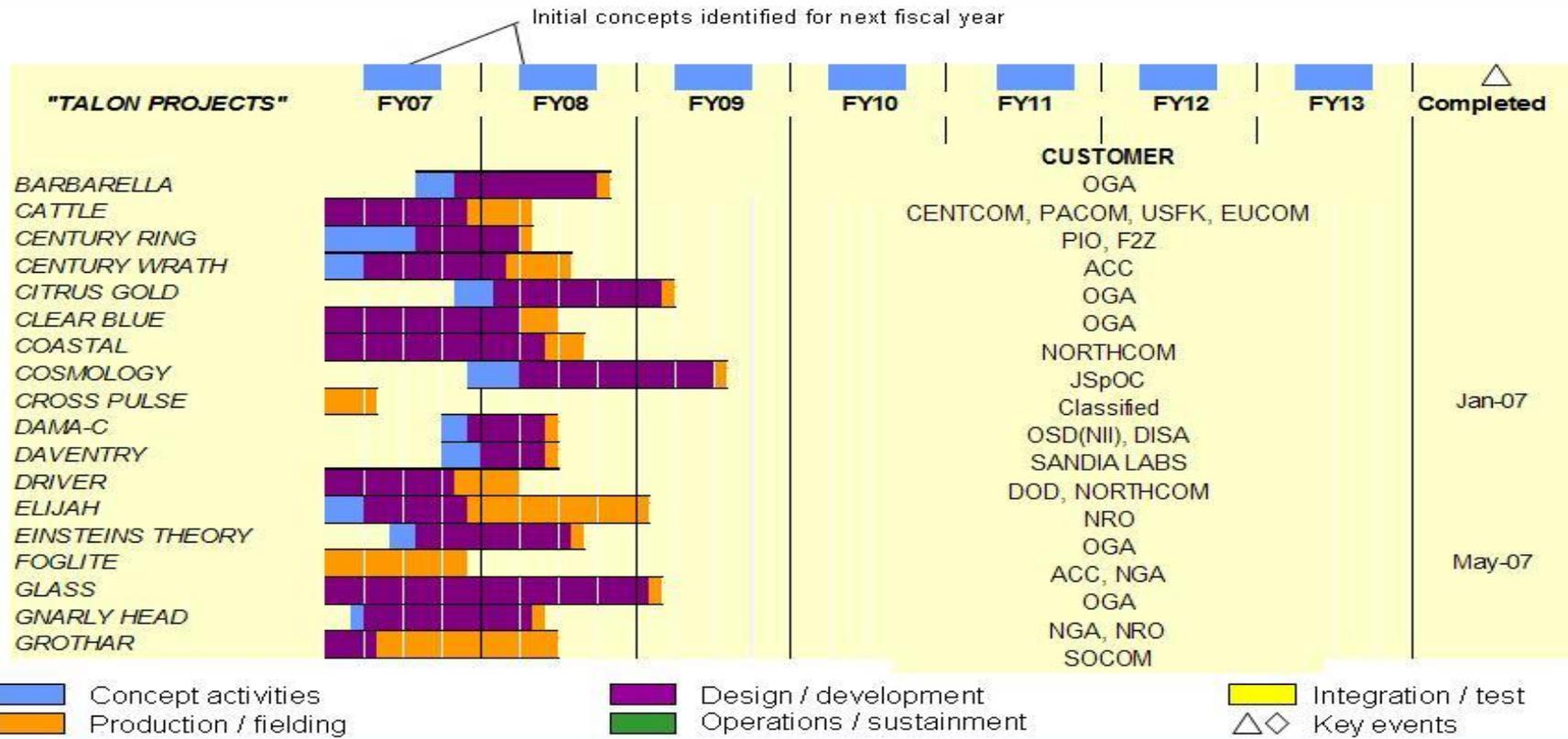


Exhibit R-4, RDT&E Schedule Profile

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BUDGET ACTIVITY
07 Operational System Development

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0207247F Air Force TENCAP

PROJECT NUMBER AND TITLE
0001 Air Force TENCAP



Air Force TENCAP Schedule

Initial concepts identified for next fiscal year

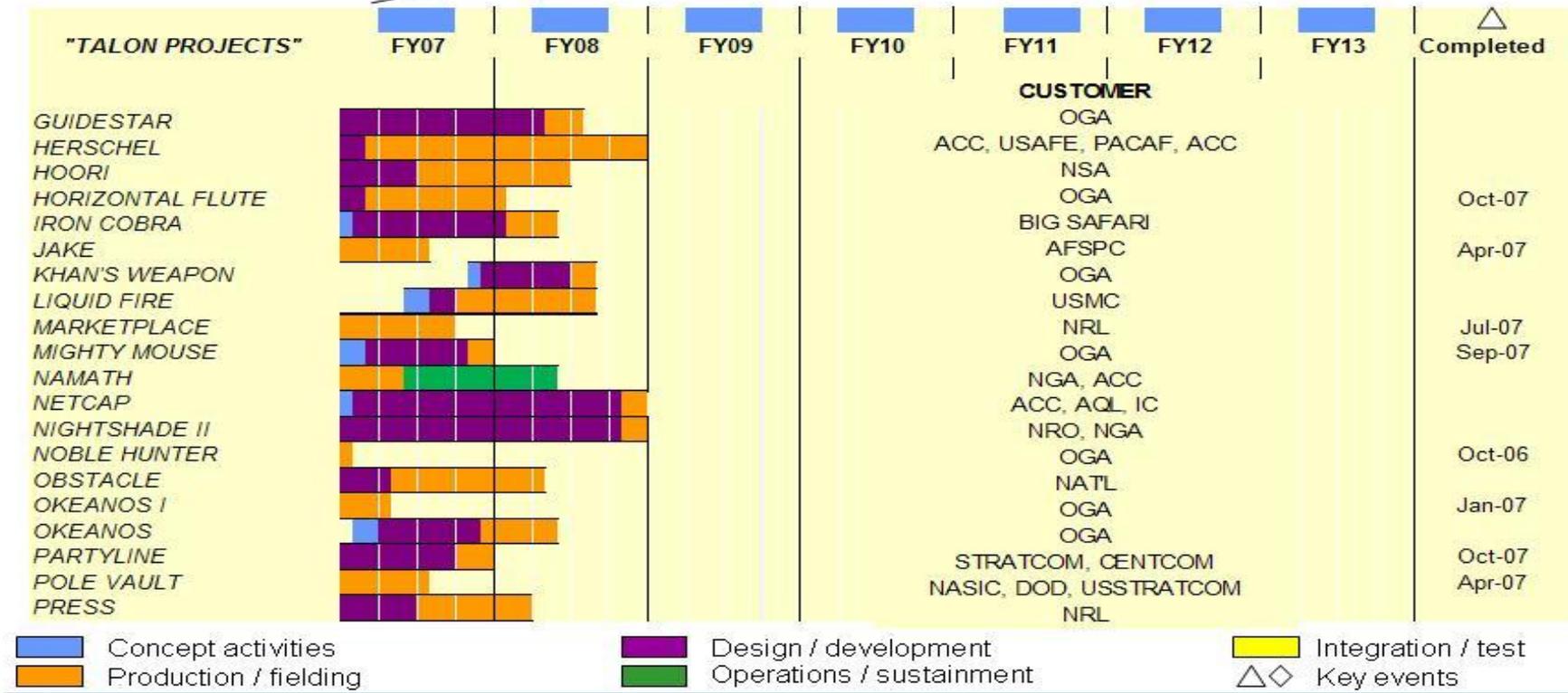


Exhibit R-4, RDT&E Schedule Profile

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BUDGET ACTIVITY
07 Operational System Development

PE NUMBER AND TITLE
0207247F Air Force TENCAP

PROJECT NUMBER AND TITLE
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Air Force TENCAP Schedule

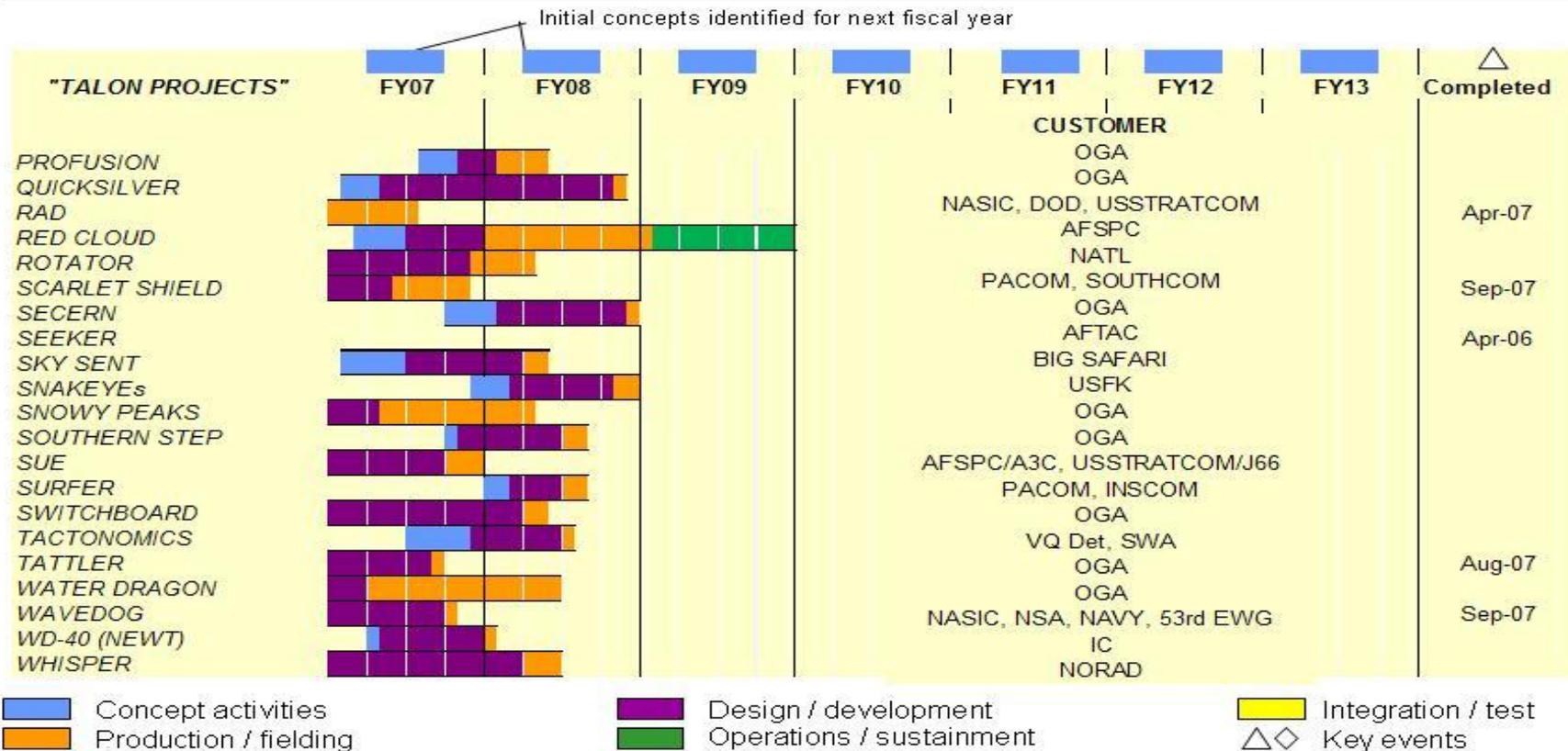


Exhibit R-4a, RDT&E Schedule Detail

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February 2008

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(U) Schedule Profile	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) FY 2007 projects contracted	1Q		
(U) FY 2008 project concepts identified and approved	2-3Q		
(U) FY 2008 project contractor proposals requested/reviewed	2-4Q		
(U) FY 2008 projects approved for implementation	4Q		
(U) FY 2008 projects contracted		1Q	
(U) FY 2009 project concepts identified and approved		2-3Q	
(U) FY 2009 project contractor proposals requested/reviewed		2-4Q	
(U) FY 2009 projects approved for implementation		4Q	
(U) FY 2009 projects contracted			1Q
(U) FY 2010 project concepts identified and approved			2-3Q
(U) FY 2010 project contractor proposals requested/reviewed			2-4Q
(U) FY 2010 projects approved for implementation			4Q

Most project selection activities occur approximately per the timelines shown, but some projects are initiated on a rolling basis throughout each year in response to time-sensitive operational requirements.