

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305881F I Rapid Cyber Acquisition							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	1.790	2.218	4.102	-	4.102	2.268	2.310	2.355	2.401	Continuing	Continuing
670374: Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt	-	1.790	2.218	4.102	-	4.102	2.268	2.310	2.355	2.401	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

Rapid Cyber Acquisition (RCA) provides combatant commanders (CCDRs) with the ability to rapidly respond to emerging cyber needs. RCA provides rapid fielding of capabilities in three areas: defend the Air Force portion of the DoD Global Information Grid (GIG) in response to new and emerging threats; network attack and cyber exploit capabilities through all phases of warfare; and new cyber operations capabilities that address gaps to support evolving missions.

Rapid Cyber Acquisition delivers cyber capabilities to 24th Air Force (24 AF) warfighters in mission-relevant timeframes. RCA provides capabilities in support of US national security interests, to counter current and future cyber threats, and to enhance the nation's ability to operate in cyberspace. It expedites cyber development and modifications of USAF and DoD cyber capabilities. RCA provides solution sets for cyberspace operations: attack, defense, command and control/situational awareness, exploitation, critical infrastructure support, and combat support. RCA provides integration, and technical support to other Service and Government Agency activities to leverage select Air Force-developed technologies and/or operational capabilities. RCA will develop materiel or non-materiel cyber solutions, conduct rapid prototyping, integration, and transition activities for cyber systems. Primary activities include, but are not limited to: development of software/hardware cyber systems; integration and transition of DoD lab-developed cyber capabilities to the warfighter; testing and evaluation; program management administration. Secondary activities include, but are not limited to: studies, analysis, pilots, demonstrations, and risk reduction to emerging technologies for USAF cyber systems. Congress will be notified when all projects have been approved by the end of the fiscal year via Congressional Notification Letters.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force				Date: March 2014		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305881F I Rapid Cyber Acquisition				
B. Program Change Summary (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget		4.007	2.218	2.256	-	2.256
Current President's Budget		1.790	2.218	4.102	-	4.102
Total Adjustments		-2.217	-	1.846	-	1.846
• Congressional General Reductions		-0.003	-			
• Congressional Directed Reductions		-2.000	-			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-0.049	-			
• Other Adjustments		-0.165	-	1.846	-	1.846
Change Summary Explanation						
Decrease in FY13 is due to Congressional mark for unjustified funding level.						
Increase in FY15: All current Rapid Cyber requirements require RDT&E funding, corresponding OPAF funding reprogrammed to comply.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015
Title: Hardware/Software Development				1.746	2.118	3.902
Description: Hardware and software developmental activities in support of urgent cyber defensive, offensive, and Command and Control/Situational Awareness requirements.						
FY 2013 Accomplishments: This funding expedited development of Air Force and DoD cyber capabilities to provide solution sets for cyberspace operations: attack, defense, Command and Control/Situational Awareness, exploitation, critical infrastructure support, and combat support. Key gaps were filled in the Air Force's cyber C2/SA posture. Funding also prototyped new capabilities by transitioning a Technology Readiness Level (TRL) 6 or higher capability into a usable product or solution.						
FY 2014 Plans: Effort continues to expedite development of Air Force and DoD cyber capabilities to provide solution sets for cyberspace operations: attack, defense, exploitation, critical infrastructure support, combat support, command and control, information, and weapon systems. Funding will also prototype new capabilities by transitioning a Technology Readiness Level (TRL) 6 or higher capability into a usable product or solution.						
FY 2015 Plans:						

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force		Date: March 2014		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305881F <i>I Rapid Cyber Acquisition</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Will continue integration and technical support to Air Force, other Service, and other Government Agency activities that leverage select Air Force developed technologies and/or operational capabilities. Funding will also provide independent operational and technical assessments of cyber capabilities and vulnerabilities. Includes Certification and Accreditation. Funding reprogrammed within this PE from OPAF to RDT&E will provide increased capability to address the current backlog of 35+ Rapid Cyber urgent requirements.				
Title: HW Integration Description: Integration of developed and acquired capabilities. FY 2013 Accomplishments: Funding provided integration and technical support to Air Force, other Service, and other Government Agency activities that leverage select Air Force developed technologies and/or operational capabilities. Funding also provided independent operational and technical assessments of cyber capabilities and vulnerabilities. Includes Certification and Accreditation. FY 2014 Plans: Funding continues integration and technical support to Air Force, other Service, and other Government Agency activities that leverage select Air Force developed technologies and/or operational capabilities. Funding will also provide independent operational and technical assessments of cyber capabilities and vulnerabilities. Includes Certification and Accreditation. FY 2015 Plans: Funding will continue integration and technical support to Air Force, other Service, and other Government Agency activities that leverage select Air Force-developed technologies and/or operational capabilities. Funding will also provide independent operational and technical assessments of cyber capabilities and vulnerabilities. Includes Certification and Accreditation.		-	0.050	0.100
Title: Test & Evaluation Description: 46th Test Squadron provides developmental testing of new tool development and a secure network environment for such testing. FY 2013 Accomplishments: Provided developmental test support required for testing new tool development prior to future fielding and provides a secure network environment for such testing. FY 2014 Plans: Funding continues developmental test support required for testing new tool development prior to future fielding and provides a secure network environment for such testing. FY 2015 Plans:		0.044	0.050	0.100

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0305881F / <i>Rapid Cyber Acquisition</i>							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2013	FY 2014	FY 2015
Will continue to fund developmental test support required for testing new tool development prior to future fielding and provides a secure network environment for such testing.												
Accomplishments/Planned Programs Subtotals										1.790	2.218	4.102
D. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost	
• OPAF: BA03: 834320: <i>Rapid Cyber Acquisition</i>	-	1.552	-	-	-	1.907	1.922	1.976	2.012	Continuing	Continuing	
Remarks												
E. Acquisition Strategy												
Rapid Cyber Acquisition will utilize Concept, Development, Risk Management, or Production and Deployment Plans as a phased approach to acquisition planning. These plans are intended to meet the written acquisition planning requirements and guidance. All plans will contain sufficient information for the Milestone Decision Authority to determine readiness to enter into the applicable phase of the acquisition process. Rapid Cyber Acquisition will consider existing contracting vehicles, including but not limited to: Network Centric Solutions (NETCENTS), NETCENTS 2, Information Technology Enterprise Solutions-2 (ITES-2), Government-Wide Acquisition Contract vehicles (Alliant, Encore II, Solutions for Enterprise-Wide Procurement IV (SEWP IV)), General Services Administration Federal Supply Schedules, National Security Agency vehicles and Cyber Warfare Systems Branch Class Justification and Approval document. Multiple award contractual vehicles, such as National Aeronautics and Space Administration's SEWP IV, provide a wide range of commercially-available products and services that should be able to meet many requirements related to Rapid Cyber Acquisition. These multiple-award vehicles have already met the statutory requirements of the Competition in Contracting Act and only require that Rapid Cyber Acquisition provide a fair opportunity to all contract holders, in accordance with Federal Acquisition Regulation 16.505, unless an exception to fair opportunity applies.												
F. Performance Metrics												
Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.												

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity
3600 / 7

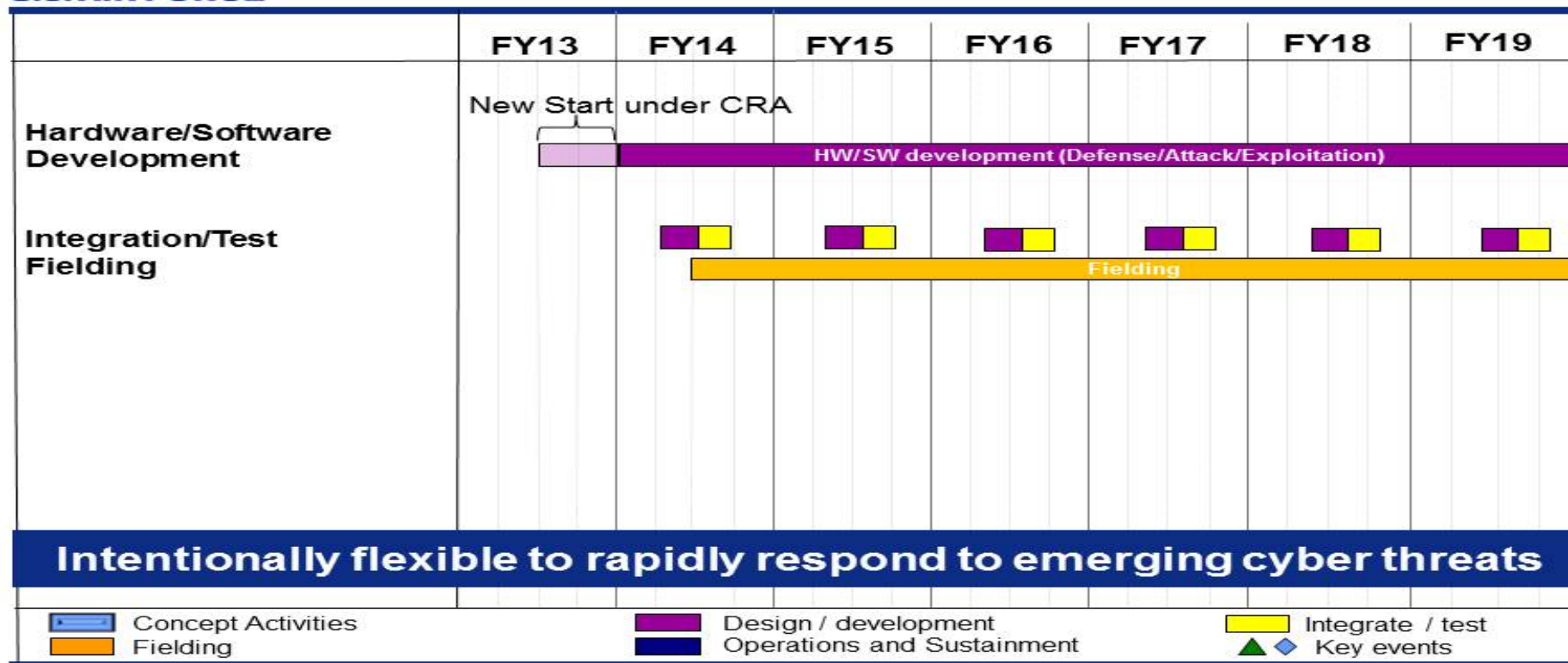
R-1 Program Element (Number/Name)
PE 0305881F / Rapid Cyber Acquisition

Project (Number/Name)
670374 / Electronic Combat Spt, C3
Protection/Multi-Mission, Technology and
Spt



U.S. AIR FORCE

Rapid Cyber Acquisition Schedule



1