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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 0208087F / AF Offensive Cyberspace Operations							
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	-	-	14.047	13.355	-	13.355	13.959	23.766	25.744	26.722	Continuing	Continuing
670375: Network Warfare Systems and Support	-	-	14.047	13.355	-	13.355	13.959	23.766	25.744	26.722	Continuing	Continuing
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-		

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

## Note

### A. Mission Description and Budget Item Justification

The AF Offensive Cyberspace Operations program, rapidly develops operations-ready cyberspace superiority capabilities from laboratory, industry, and academia via studies, rapid prototyping, technology demonstrations, and other Research, Development, Testing, and Evaluation (RDT&E) efforts. This program consists of a portfolio of small programs and projects called the Offensive Cyber Product Line (OCPL). The OCPL establishes a flexible and balanced approach to the rapid acquisition of cyber operational capabilities. OCPL effectiveness comes from consciously balancing funding into three capability areas required for effective operations: Platforms (includes Cyber Mission Platform(CMP)), access, and capabilities.

The program office provides advanced OCPL cyber warfare capabilities to the 24th Air Force in direct support of USCYBERCOM, AF major commands (MAJCOMs), unified commands, and national agencies. In accordance with AF Policy, the program office develops capabilities in the cyberspace superiority core areas. OCPL efforts also directly support the Joint Network Attack Initial Capabilities Document (ICD), the National Military Strategy for Cyberspace Operations (NMS-CO), the USCYBERCOM operational directives, and the latest AF Space Command (AFSPC) Offensive Cyberspace Operations System Flight Plan, and other formal requirements documents. Planned areas of study, prototyping, and technology demonstration will be used to provide warfighters access, platforms, Offensive Cyber Operations (OCO) production (e.g. test and budgets), infrastructure (e.g. mission planning, intelligence, Command and Control/Situational Awareness (C2SA)), and tools needed to attack enemy networks, telephony, Integrated Air Defense Systems (IADS), electronic warfare operations, and Command and Control systems. These advancements will be used to develop and deliver cutting-edge technologies to the warfighter. This capability area leverages cyber technology investments by the Defense Advanced Research Projects Agency (DARPA), the National Security Agency (NSA), Air Force Research Labs, and DOD national laboratories, and other sources. Many program activities are protected under AF Network Warfare Special Access Program(s).

This program is in Budget Activity 7, Operational System Development, because this budget activity includes development efforts to mature systems to full operational capability or sustain fielded systems.

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B. Program Change Summary (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget		-	14.047	13.521	-	13.521
Current President's Budget		-	14.047	13.355	-	13.355
Total Adjustments		-	-	-0.166	-	-0.166
• Congressional General Reductions		-	-			
• Congressional Directed Reductions		-	-			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-	-			
• Other Adjustments		-	-	-0.166	-	-0.166
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015
Title: Platforms				-	6.250	5.793
Description: The platforms capability area includes Cyber Mission Platform (CMP) and provides the hardware/software host for offensive cyber operations, i.e., architecture that enables mission planning, generation, sycronization, de-confliction, execution, and assessment by integrating OCPL developed capabilities into a common framework. This capability area also facilitates key upgrades and modifications to the Network Attack System (NAS).						
FY 2013 Accomplishments: N/A						
FY 2014 Plans: Continues to develop platforms, including CMP via necessary upgrades, modifications, equipment modernation, market research, integration, and follow-on OCO platform(s), continuing work started in PE 0305887F. The CMP effort will standardize current and future cyberspace operations capabilities by designing and delivering a common user interface and reusable, modular components. This funding will also continue to provide the program office manpower required for oversight required to integrate numerous acquisition programs into the CMP architecture. Some of these activities are protected under AF Network Warfare Special Access Programs.						
FY 2015 Plans: Will continue to develop platforms, including CMP, via necessary upgrades, modifications, equipment modernization, market research, integration, and follow-on OCO platform(s), continuing work started in PE 0305887F. The CMP effort will standardize current and future cyberspace operations capabilities by designing and delivering a common user interface and reusable, modular components. This funding will also continue to provide the program office manpower required for oversight required to integrate						

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<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
numerous acquisition programs into the CMP architecture. Some of these activities are protected under AF Network Warfare Special Access Programs.				
<b>Title:</b> Access  <b>Description:</b> Access capabilities provide operators with the means to enable offensive cyber operations. Specific details are classified and available upon request.  <b>FY 2013 Accomplishments:</b> N/A  <b>FY 2014 Plans:</b> Continues to maintain the current access programs via necessary upgrades, modifications, equipment modernization, market research, integration, and follow-on access programs. This funding will also continue to provide the program office manpower required to develop or maintain offensive cyber access programs. Some of these activities are protected under AF Network Warfare Special Access Programs.  <b>FY 2015 Plans:</b> Will continue to maintain the current access programs via necessary upgrades, modifications, equipment modernization, market research, integration, and follow-on access programs. This funding will also continue to provide the program office manpower required to develop or maintain offensive cyber access programs. Some of these activities are protected under AF Network Warfare Special Access Programs.		-	0.500	0.500
<b>Title:</b> Capabilities  <b>Description:</b> The cyber capability area delivers desired effects to the target. Specific details are classified and available upon request.  <b>FY 2013 Accomplishments:</b> N/A  <b>FY 2014 Plans:</b> Continues support of anticipated CENTCOM JUON(s), CYBERCOM JUON(s), Weapons System(s) modernization, and AFSPC UON(s) and Cyber Need Forms and will continue transition of Offensive Cyber Operations technologies to meet capability gaps required by major commands, unified commands, and capabilities documents. Some of these activities are protected under AF Network Warfare Special Access Program(s).  <b>FY 2015 Plans:</b>		-	6.297	6.091

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C. Accomplishments/Planned Programs (\$ in Millions)										FY 2013	FY 2014	FY 2015
Will continue support of anticipated CENTCOM JUON(s), CYBERCOM JUON(s), Weapons System(s) modernization, and AFSPC UON(s) and Cyber Need Forms and will continue transition of Offensive Cyber Operations technologies to meet capability gaps required by major commands, unified commands, and capabilities documents. Some of these activities are protected under AF Network Warfare Special Access Program(s).												
Title: Test & Evaluation 46TS Det 2										-	1.000	0.971
Description: Test and Evaluation: 46th Test Squadron Det 2 provides both developmental testing of new tool development and a secure network environment for such testing.												
FY 2013 Accomplishments: N/A												
FY 2014 Plans: Continues to provide the required developmental testing for new tool development prior to future fielding to the operational platform. This funding also provides for the secure network environment for such testing.												
FY 2015 Plans: Will continue to provide the required developmental testing for new tool development prior to future fielding to the operational platform. This funding also provides for the secure network environment for such testing.												
Accomplishments/Planned Programs Subtotals										-	14.047	13.355
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:: Offensive Cyber Operations	-	8.297	9.894	-	9.894	10.153	10.327	10.862	10.722	Continuing	Continuing	
• OPAF: BA03: 834010: Information and Cyber Workforce Training	-	1.150	1.705	-	1.705	1.625	1.647	1.677	1.706	Continuing	Continuing	
Remarks												
E. Acquisition Strategy												
The Offensive Cyberspace Operations program office will utilize Concept, Development, Risk Management, or Production and Deployment Plans as part of a phased approach to acquisition planning. All plans will contain sufficient information for the Milestone Decision Authority (MDA) to determine readiness to enter into the applicable phase of the acquisition process. Offensive Cyberspace Operations will utilize existing contractual vehicles such as Government-Wide Acquisition Contract (GWAC) vehicles (Alliant, Encore II, Solutions for Enterprise-Wide Procurement IV (SEWP IV), and General Services Administration (GSA) Federal Supply Schedules.												

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<p>The use of multiple-award contractual vehicles will provide a wide range of commercially-available products and services that should be able to meet many requirements related to Offensive Cyberspace Operations. These multiple-award contractual vehicles have already met the statutory requirements of the Competition in Contracting Act (CICA) and require that Offensive Cyber Operations provide a fair opportunity to all contract holders, in accordance with Federal Acquisition Regulation (FAR) 16.505, unless an exception to fair opportunity applies.</p> <p><b>F. Performance Metrics</b></p> <p>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.</p>		

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

Date: March 2014

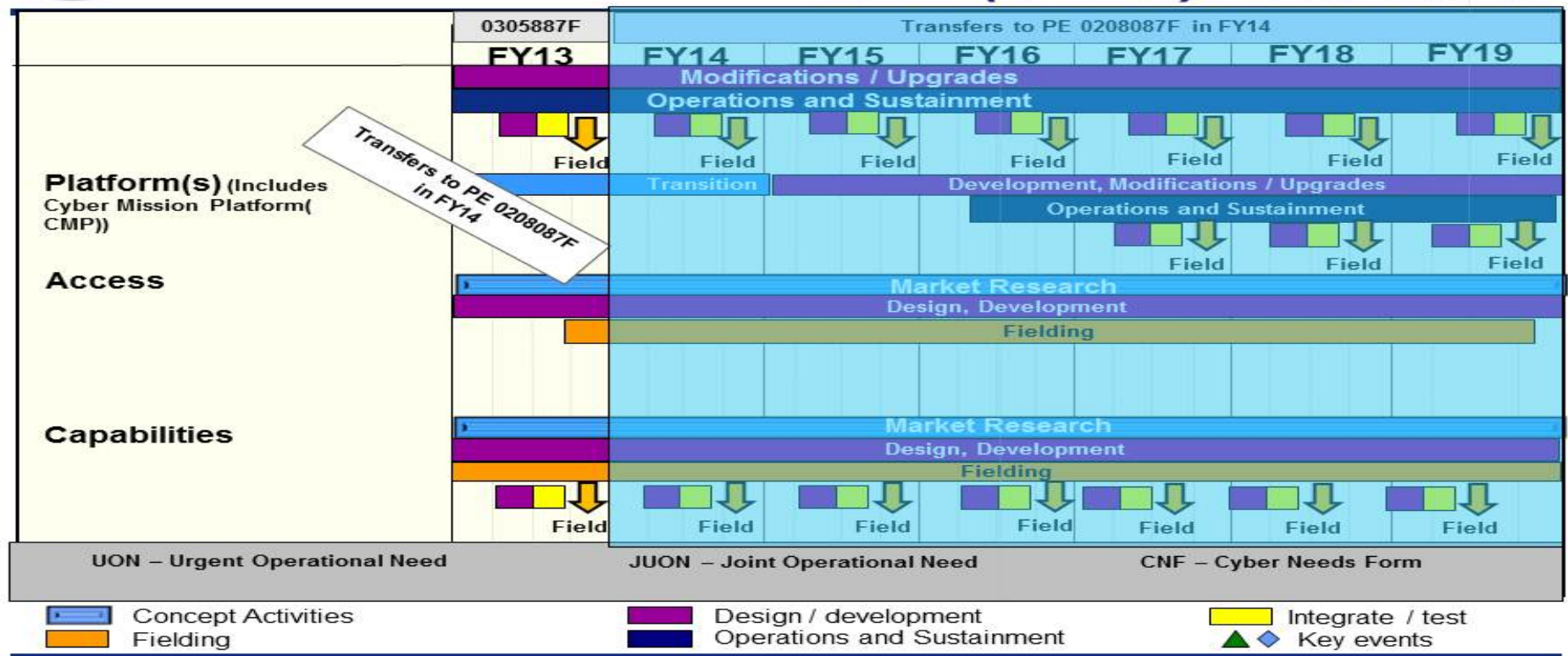
Appropriation/Budget Activity  
3600 / 7

R-1 Program Element (Number/Name)  
PE 0208087F / AF Offensive Cyberspace  
Operations

Project (Number/Name)  
670375 / Network Warfare Systems and  
Support



## Offensive Cyber Production Line (OCPL): Schedule



Current as of: Jan 2014

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

Date: March 2014

Appropriation/Budget Activity
3600 / 7

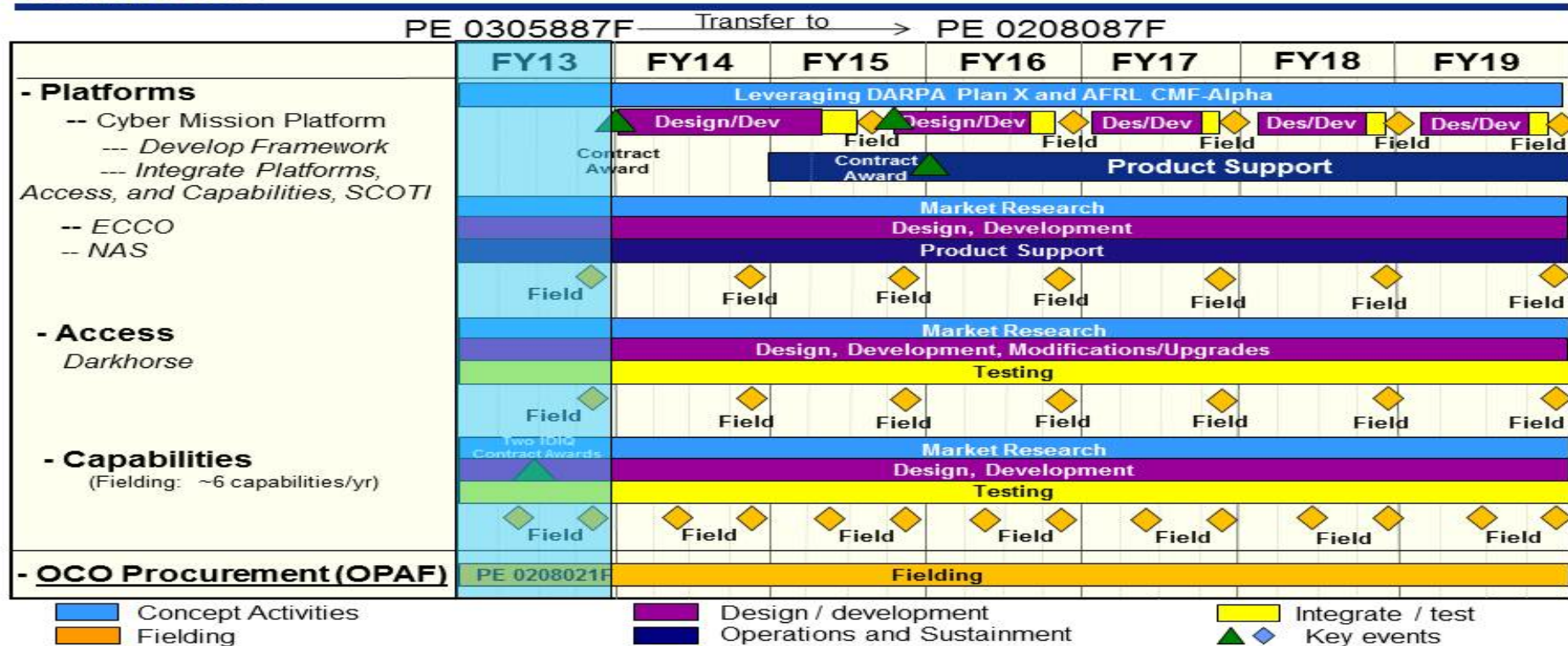
<b>R-1 Program Element (Number/Name)</b> PE 0208087F / AF Offensive Cyberspace Operations
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<b>Project (Number/Name)</b> 670375 / <i>Network Warfare Systems and Support</i>
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**U.S. AIR FORCE**

## Offensive Cyber Operations Schedule



**Further details are classified**