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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 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604604F I Submunitions							
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	-	2.352	2.564	2.543	-	2.543	2.617	2.655	2.708	2.761	Continuing	Continuing
653166: Joint Smart Munitions Test and Evaluation	-	2.352	2.564	2.543	-	2.543	2.617	2.655	2.708	2.761	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

Project Chicken Little (PCL) continues providing superior rapid reaction signature exploitation capabilities for use on both the traditional and the asymmetrical battlefield. PCL delivers vital one-of-a-kind research, development, test and evaluation (RDT&E) expertise directly to the warfighter, capability developer, and allied/coalition forces.

From its inception in 1985, PCL constantly advances the state-of-the-art for developmental smart munitions, seekers/sensors and their platforms. PCL also focuses its capability against today's networked weapons, emerging weapon concepts, and helps develop innovative targeting technologies to be employed against a wide variety of vehicle targets, theater air defense units, and an extensive array of associated equipment.

Combat systems and support equipment exhibit physical characteristics (i.e. signatures), and present certain vulnerabilities, which can be exploited by various targeting technologies leading to the elimination or incapacitation of the threat through the application of force (e.g. smart munitions or directed energy) or application of intelligence, surveillance, reconnaissance (ISR) methods. PCL collects physical, functional, and signature attributes of real foreign threat systems and related equipment; these data feed high-fidelity models used to predict detection, classification, vulnerability and effectiveness performance for ISR sensor and weapon system design. PCL collects high resolution signature data using a variety of ground, air, and space-based sensors against both new and existing (obtained, sustained, and maintained to be signature representative) foreign targets; with and without the presence of camouflage, concealment, and deception materials; and operated using enemy tactics/CONOPS. The resulting highly reliable, realistic data directly supports munitions/targeting development programs and helps mitigate overall acquisition risk. PCL serves as a major focal point for joint signature exploitation, collection, and dissemination amongst the DoD and intelligence community (IC). PCL is a prime contributor in the time critical process to rapidly exploit, assess, and determine US and allied weapon/targeting performance against high value targets. Customers include: the major Defense and Service Intelligence Centers, all Services, the Joint Technical Coordinating Group (JTCG) who develop the Joint Munitions Effectiveness Manuals (JMEMs), Combatant Commands, AF Major Commands, US Air Force Weapons School curriculum support, and others. Current projects include, but are not limited to: target signature exploitation, target geometric modeling (for identifying vulnerabilities), improving air capabilities against protected structures (specifically hard and deeply buried targets), and the testing of multiple seekers, sensors, and targeting technologies in representative environments against COCOM/MAJCOM/IC high value targets.

This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

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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		2.567	2.564	2.574	-	2.574
Current President's Budget		2.352	2.564	2.543	-	2.543
Total Adjustments		-0.215	-	-0.031	-	-0.031
• Congressional General Reductions		-0.004	-			
• Congressional Directed Reductions		-	-			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-	-			
• Other Adjustments		-0.211	-	-0.031	-	-0.031
Change Summary Explanation						
Reduction of \$0.211M in FY13 due to sequestration.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015
Title: Model Development and Vulnerability Analysis				0.375	0.150	0.380
Description: Develop, validate, and accredit improved models for target vulnerability and weapons effectiveness in support of Combatant Commands' (CoCOMs) requirements.						
FY 2013 Accomplishments:						
Developed, validated, and accredited improved models for target vulnerability and weapons effectiveness in support of warfighter requirements.						
No OCONUS requirements.						
FY 2014 Plans:						
Develop, validate, and accredit improved computer models to determine target vulnerability and weapons effectiveness in support of warfighter requirements.						
No OCONUS requirements.						
FY 2015 Plans:						
Develop, validate, and accredit improved computer models to determine target vulnerability and weapons effectiveness in support of warfighter requirements.						

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
No OCONUS requirements.				
Title: System Exploitation Description: Provide the DoD community accurate multi-spectral signatures obtained from high-value, signature representative modern threat systems using advanced collection technologies. Exploitations typically occur CONUS; however, Project Chicken Little is postured to support OCONUS collections as dictated by mission requirements. FY 2013 Accomplishments: Exploited high value threat systems. Provided signature data from multiple threat systems in various environments using advanced and developmental seeker/sensor technologies No OCONUS requirements. FY 2014 Plans: Exploit high value threat systems (typically 4 per year) and other targets of warfighter interest using multi-spectral collection technologies, national technical means, and developmental seeker/sensor technologies. In even calendar years, this effort is scaled-back considerably to redirect funding for the bi-annual Sensor Week. FY 2015 Plans: Exploit high value threat systems (typically 4 per year). Provide signature data from multiple threat systems in various environments using advanced and developmental seeker/sensor technologies No OCONUS requirements.		0.820	0.450	0.840
Title: Bi-Annual Sensor Week Description: A critical underpinning of the System Exploitation major thrust area, Sensor Week occurs in even years and provides a unique air, ground, and National Technical Means (NTM) demonstration/validation of candidate Seeker/Sensor/ISR technologies.		0.020	0.950	0.020

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Sensor Week is a specialized venue of the System Exploitation Major Thrust area; therefore, in even calendar years this major thrust receives the majority of the program element funding. During odd calendar years this major thrust area receives funding for planning the next Sensor Week. FY 2013 Accomplishments: Sensor Week (SW) provided a singularly unique forum for joint service demonstration of developmental and operational seekers/sensors/ISR assets against a wide array of US, coalition, and foreign national ground targets. No OCONUS requirements. FY 2014 Plans: Sensor Week (SW) provides a singularly unique forum for joint service demonstration of developmental and operational seekers/sensors/ISR assets against a wide array of US, coalition, and foreign national ground targets. FY 2015 Plans: Sensor Week (SW) provides a singularly unique forum for joint service demonstration of developmental and operational seekers/sensors/ISR assets against a wide array of US, coalition, and foreign national ground targets.				
Title: ISR Exploitation Description: Plan and conduct captive carry flight tests and signature collection for seeker/sensor technology evaluations. FY 2013 Accomplishments: Exploited the signatures of ISR targets; conducted rapid reaction performance analysis & evaluations in support of COCOM/MAJCOM immediate/urgent warfighter needs; optimized current project methods to support ISR testing No OCONUS requirements. FY 2014 Plans: Exploit the signatures of high priority targets for use in ISR direct combat support and filling capability gaps; conduct rapid reaction performance analysis & evaluations in support of COCOM/MAJCOM immediate/urgent warfighter needs; optimize current project methods to support ISR testing FY 2015 Plans: Exploit the signatures of ISR targets; conduct rapid reaction performance analysis & evaluations in support of COCOM/MAJCOM immediate/urgent warfighter needs; optimize current project methods to support ISR testing		0.337	0.214	0.503

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C. Accomplishments/Planned Programs (\$ in Millions)							FY 2013	FY 2014	FY 2015		
No OCONUS requirements.											
Title: Fleet Relevance Description: Obtain/maintain high value signature quality threat assets. Project Chicken Little manages this major thrust area by ensuring Chicken Little, DoD Major Test Range Facility Base (MTRFB), and other government threat capabilities remain current and representative for RDT&E. This funding ensures Project Chicken Little provides combat representative signatures. FY 2013 Accomplishments: Assisted in obtaining relevant, high value, and emergent threat assets and/or decoys. Ensured the fleet foreign threat assets remain properly "signature representative" for systems development and testing. No OCONUS requirements. FY 2014 Plans: Assist in obtaining relevant, high value, and emergent threat assets and/or decoys. Ensure the fleet foreign threat assets remain properly "signature representative" for systems development and testing. Combat representative signatures are critical when supporting the development of 5th generation fighter weapon systems, Techniques, Tactics and Procedures (TTPs), next generation ISR capabilities, and rapid reaction COCOM exploitation efforts. FY 2015 Plans: Assist in obtaining relevant, high value, and emergent threat assets and/or decoys. Ensure the fleet foreign threat assets remain properly "signature representative" for systems development and testing. No OCONUS requirements.							0.800	0.800	0.800		
Accomplishments/Planned Programs Subtotals							2.352	2.564	2.543		
D. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• None: N/A	-	-	-	-	-	-	-	-	-	-	-
Remarks											

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E. Acquisition Strategy Funds are executed organically in support of test and evaluation activities including studies, analyses, flight & ground tests, model building and simulation. Virtually all of the work is performed in-house by the 46th Test Wing.		
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.		

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force		Date: March 2014
Appropriation/Budget Activity 3600 / 5	R-1 Program Element (Number/Name) PE 0604604F / Submunitions	Project (Number/Name) 653166 / Joint Smart Munitions Test and Evaluation
SCHEDULE Project 3166, Joint Smart Munition Test and Evaluation program (project Chicken Little) does not execute in accordance with established acquisition milestones. Chicken Little is a continuing test effort: Target/warhead evaluation/analysis, signature tests, and captive carry flight tests are ongoing throughout the year and continue through the FYDP. The type of activities is given in Section B. The timing, duration, and level of effort is decided at the annual Steering Committee meetings.		