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Date: March 2014

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force

Appropriation/Budget Activity R-1 Program Element (Number/Name)

3600: Research, Development, Test & Evaluation, Air Force I BA 4: Advanced PE 0603790F I NATO Research and Development

Component Development & Prototypes (ACD&P)

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	-	3.981	4.568	2.392	-	2.392	4.972	4.748	4.202	4.283	Continuing	Continuing
64NATO: Nato Coop R&D	-	3.981	4.568	2.392	-	2.392	4.972	4.748	4.202	4.283	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

These funds will be used to initiate air, space, and cyber international cooperative research, and development (ICR&D) agreements with North Atlantic Treaty Organization (NATO) member states, major non-NATO allies and friendly foreign countries. Each of the selected activities and projects are required to have a concluded international agreement (IA), prior to funds being released, that implements the provisions of Title 10 U.S. Code, Section 2350a. This legislation (Title 10 U.S. Code, Section 2350) authorizes funds to significantly improve U.S. and allied conventional defense capabilities by leveraging the best defense technologies, eliminating costly duplication of R&D efforts, accelerating the availability of defense systems, and promoting US and allied interoperability or commonality. These funds will not be used for government civilian salaries, permanent construction, or spent overseas. This PE funds the implementation of Air Force ICR&D agreements in (1) Basic Research (2) Applied Research (3) Advanced Technology Development (4) Advanced Component Development and Prototypes (5) System Development and Demonstration and (6) RDT&E Management Support.

This program is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P) because efforts are necessary to evaluate integrated technologies, representative modes or protytype systems in a high fidelity and realistic operating environment.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	4.507	4.568	4.633	-	4.633
Current President's Budget	3.981	4.568	2.392	-	2.392
Total Adjustments	-0.526	-	-2.241	-	-2.241
Congressional General Reductions	-0.006	-			
Congressional Directed Reductions	-	-			
 Congressional Rescissions 	-	-			
Congressional Adds	-	-			
 Congressional Directed Transfers 	-	-			
Reprogrammings	-	-			
SBIR/STTR Transfer	-	-			
Other Adjustments	-0.520	-	-2.241	-	-2.241

PE 0603790F: NATO Research and Development

Air Force

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Page 1 of 4 R-1 Line #33

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P) R-1 Program Element (Number/Name) PE 0603790F I NATO Research and Development

Change Summary Explanation

C. Accomplishments/Planned Programs (\$ in Millions)

Reduction of \$2.241M in FY15 due to higher DoD priorities.

FY 2013	FY 2014	FY 2015
3.981	4.568	2.392

PE 0603790F: *NATO Research and Development* Air Force

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Page 2 of 4

R-1 Line #33

EV 2013

EV 2014

EV 2015

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force	Date: March 2014		
Appropriation/Budget Activity	R-1 Program Element (Number/Name)		
3600: Research, Development, Test & Evaluation, Air Force I BA 4: Advanced	PE 0603790F I NATO Research and Development		
Component Development & Prototypes (ACD&P)			

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
Model for Air Force Mission Planning, Tessellated Nanosatellite-enhanced Communications Feasibility, Coalition Performance Evaluation Tracking System, Real-time Coalition Performance Assessment; and others.			
Accomplishments/Planned Programs Subtotals	3.981	4.568	2.392

D. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

Air Force

E. Acquisition Strategy

A principal goal of the NATO Cooperative R&D program is to effectively utilize the aggregate resources invested by the US and our allies in air, space, and cyber R&D. This program element provides the critical funding incentive needed to pursue air, space and cyber related International Cooperative Research Development and Acquisition (ICRD&A) agreements and helps to (a) leverage USAF and allied resources through cost sharing and economies of scale; (b) exploit the best US and allied technologies for equipping coalition forces; (c) demonstrate areas of commonality or interoperability with our allies; and (d) accelerate the availability of defense technology and systems. Candidate projects are reviewed against USAF goals, DoD objectives, and warfighter needs prior to being approved. An international agreement defining project objectives, responsibilities and costs is required prior to release of funds. To obtain these funds and ensure service commitment, projects are selected from existing or new RDT&E programs funded in the Future Years Defense Plan (FYDP). Project offices must show matching funds and contributions from associated program elements and equitable allied funding. As appropriate, funding responsibility for out-year requirements and follow-on efforts are transferred to the project office and associated program elements. Any new contracts are awarded after full and open competition.

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.

PE 0603790F: NATO Research and Development

Page 3 of 4

R-1 Line #33

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air		Date: March 2014					
Appropriation/Budget Activity 3600 / 4			Program Element 0603790F / NATO of elopment		Project (Number/Name) 64NATO / Nato Coop R&D		
PE 0603790			nal Coo nent Sc		Rese	arch	
International Space Cooperative R&D Project Selection by Fiscal Year	FY13	FY14	FY15	FY16	FY17	FY18	FY19
FY15 ICR&D Projects							
Legend:				-	Project	Raina Warkad	with ICPS.D
Call letter to MAJCOMs	Coordination of review panel results Project Being Worked with ICR8 funding					WILLI ICNOD	
Project nomination packages due	Appro	ved projects	letter sent to MA	UCOMs			
Review Panel	Select	ed projects d	evelop Internatio	onal Agreements			

PE 0603790F: *NATO Research and Development* Air Force