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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Office of the Secretary Of Defense **Date:** February 2015

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: Research, Development, Test & Evaluation, Defense-Wide / BA 6: RDT&E Management Support					PE 0605151D8Z / Studies and Analysis Support - OSD							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	5.901	5.806	2.660	3.015	-	3.015	3.339	3.050	2.468	2.470	Continuing	Continuing
001: Joint Service Training & Readiness System Development Program	5.901	5.806	2.660	3.015	-	3.015	3.339	3.050	2.468	2.470	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Joint Service programs were established by the Secretary of Defense to improve the readiness and training of the Active and Reserve Components. This project expedites the development of technologies and systems which improve overall effectiveness and performance of the Total Force. It facilitates the sharing of information, while allowing for the transfer of emerging and innovative technologies among the Services and private sector. In addition, this project supports OSD (P&R), other OSD offices, Joint Staff, Unified Commands, and the Services in promoting more efficient and effective use of resources, increasing the effectiveness of military training, and enhancing the readiness and performance of the Total Force. Projects analyze the contributions to readiness of various programs and training techniques and use the results to expedite new concepts and procedures that increase unit effectiveness or decrease costs. Emphasis is placed on developing analytical tools and systematic methodologies to improve readiness and training resource allocations.

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	5.837	2.665	3.035	-	3.035
Current President's Budget	5.806	2.660	3.015	-	3.015
Total Adjustments	-0.031	-0.005	-0.020	-	-0.020
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.002	-			
• SBIR/STTR Transfer	-0.029	-			
• Baseline Adjustment	-	-	-0.020	-	-0.020
• FFRDC	-	-0.005	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Office of the Secretary Of Defense										Date: February 2015		
Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605151D8Z / <i>Studies and Analysis Support - OSD</i>				Project (Number/Name) 001 / <i>Joint Service Training & Readiness System Development Program</i>			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
001: <i>Joint Service Training & Readiness System Development Program</i>	5.901	5.806	2.660	3.015	-	3.015	3.339	3.050	2.468	2.470	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Joint Service programs were established by the Secretary of Defense to improve the readiness and training of the Active and Reserve Components. This project expedites the development of technologies and systems which improve overall effectiveness and performance of the Total Force. It facilitates the sharing of information, while allowing for the transfer of emerging and innovative technologies among the Services and private sector. In addition, this project supports OSD Personnel and Readiness (P&R), other OSD offices, Joint Staff, Unified Commands, and the Services in promoting more efficient and effective use of resources, increasing the effectiveness of military training, and enhancing the readiness and performance of the Total Force. Projects analyze the contributions to readiness of various programs and training techniques and use the results to expedite new concepts and procedures that increase unit effectiveness or decrease costs. Emphasis is placed on developing analytical tools and systematic methodologies to improve readiness and training resource allocations.

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

	FY 2014	FY 2015	FY 2016
Title: Joint Service Training & Readiness System Development	5.806	2.660	3.015
Description: The Joint Service programs were established by the Secretary of Defense to improve the readiness and training of the Active and Reserve Components. This project expedites the development of technologies and systems which improve overall effectiveness and performance of the Total Force. It facilitates the sharing of information, while allowing for the transfer of emerging and innovative technologies among the Services and private sector. In addition, this project supports OSD (P&R), other OSD offices, Joint Staff, Unified Commands, and the Services in promoting more efficient and effective use of resources, increasing the effectiveness of military training, and enhancing the readiness and performance of the Total Force. Projects analyze the contributions to readiness of various programs and training techniques and use the results to expedite new concepts and procedures that increase unit effectiveness or decrease costs. Emphasis is placed on developing analytical tools and systematic methodologies to improve readiness and training resource allocations.			
FY 2014 Accomplishments: <ul style="list-style-type: none"> • Developed VW technology to support DoD training to include an overarching architecture encompassing a number of VW applications, as well as a VW Roadmap and Governance process to implement the VWF; • Assessed lessons learned on managing the force in a dynamic environment including self-selection for successive deployments; • Assessed workforce skills and analyzed training requirement to support the DoD Strategy for Operating in Cyberspace; 			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015
<ul style="list-style-type: none"> Identified and analyzed some of the benefits of early and effective incorporation of system training details into acquisition programs, particularly those with significant human systems interface requirements; Evaluated the effectiveness of some SECDEF options provided for reducing force structure; Reviewed current programs and provided options to lower or stop suicide rates; Supported implementation of policy changes from drug demand reduction program; Validated the performance of the commercial screening technology to determine the prevalence of use of synthetic drugs in Service member samples, developed appropriate screening and confirmation cutoff concentrations, and developed confirmation procedures; Updated alternative approaches to Force Generation and Management; Assessed some training requirements for non-standard force requirements; Assessed changes in accession standards during the drawdown; Developed and evaluated expanded family programs; Continued to investigate the alternatives for a continuum of service; Modified the Request for Forces (RFF) system and processes to meet the needs of the COCOMs; Developed a model that calculates the cost and discounted present value of alternative military career management paradigms; and Analyzed existing cultural training programs and assessed developments in the area of cultural competency training. <p>FY 2015 Plans:</p> <ul style="list-style-type: none"> Assess effectiveness of VW technology used to support DoD training; Continue to assess workforce skills and analyze training requirement to support the DoD Strategy for Operating in Cyberspace; Plan and assess additional training requirements for non-standard force requirements; Identify and analyze additional benefits of early and effective incorporation of system training details into acquisition programs, particularly those with significant human systems interfaces; Evaluate effectiveness and impacts of additional options for reducing force structure; Assess effectiveness of studied programs to lower or stop suicide rates; Assess effectiveness of policy changes in the drug demand reduction program; Continue to investigate the additional opportunities for a continuum of service in a downsizing military; Assess effectiveness of alternative approaches for enhancing and managing regionally prepared forces and organizations; Develop and assess efforts to streamline credentialing and licensing of technical training of Service members to help ease transition to civilian life; Assess workforce skills and analyze training requirement to support DoD's expanded use of unmanned systems; and Continue to investigate modeling and simulation technologies to increase training effectiveness and lower costs. <p>FY 2016 Plans:</p>			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015
<ul style="list-style-type: none"> . Continue to assess workforce skills and analyze training requirement to support the DoD Strategy in evolving areas of specialization; . Continue to investigate opportunities for a continuum of service in a downsizing military to include the effectiveness and impacts of alternative approach options for reducing force structure; . Continue to identify and analyze opportunities for early and effective incorporation of human systems interface considerations in system training for new systems acquisitions; . Continue to investigate modeling and simulation technologies to increase training effectiveness and lower costs; and . Respond to Congressional mandates and directives. 			
Accomplishments/Planned Programs Subtotals		5.806	2.660
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
N/A			
E. Performance Metrics			
Each project contained within this program contains specific metrics to determine progress towards completion. Metrics for all include completed and documented analysis provided by the performer. The completion date for that analysis varies with each project. In addition, to that analysis, each effort contains a roadmap addressing the best use of the findings throughout the department. If the results of the analysis show benefit to the Department, those findings are included in policy, doctrine, tactics and procedures.			