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**Department of Defense  
Fiscal Year (FY) 2017 Request for Additional Appropriations**

March 2017



**Operational Test and Evaluation, Defense**

*Defense-Wide Justification Book Volume 5 of 5*

***Operational Test and Evaluation, Defense***

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Operational Test and Evaluation, Defense • Request for Additional Appropriations FY 2017 • RDT&E Program

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Defense-Wide

March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)  
 Exhibit R-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)  
 Total Obligational Authority (Dollars in Thousands) 06 Mar 2017

Appropriation: 0460D Operational Test & Eval, Defense

Line No	Program Element Number	Item	Act	FY 2017 Remaining PB Request OCO	FY 2017 PB Request w/Nov Amend Less Enacted PL 114-254 Base+OCO	FY 2017 Mar Amended Request Base+OCO	FY 2017 PB Remaining Base+OCO	S e c
1	06051180TE	Operational Test and Evaluation	06		78,047	2,725	80,772	U
2	06051310TE	Live Fire Test and Evaluation	06		48,316		48,316	U
3	06058140TE	Operational Test Activities and Analyses	06		52,631		52,631	U
		Management Support			178,994	2,725	181,719	
Total Operational Test & Eval, Defense					178,994	2,725	181,719	

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<b>Line #</b>	<b>Budget Activity</b>	<b>Program Element Number</b>	<b>Program Element Title</b>	<b>Page</b>
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**Program Element Table of Contents (Alphabetically by Program Element Title)**

<b>Program Element Title</b>	<b>Program Element Number</b>	<b>Line #</b>	<b>BA</b>	<b>Page</b>
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**Exhibit R-2, RDT&E Budget Item Justification:** Request for Additional Appropriations 2017 Operational Test and Evaluation, Defense **Date:** March 2017

<b>Appropriation/Budget Activity</b> 0460: <i>Operational Test and Evaluation, Defense I BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605118OTE / <i>Operational Test and Evaluation (OT&amp;E)</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	75.720	93.223	76.838	80.772	-	80.772	80.129	81.488	82.955	84.116	Continuing	Continuing
0605118OTE: <i>OT&amp;E</i>	75.720	93.223	76.838	80.772	-	80.772	80.129	81.488	82.955	84.116	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

The Director of Operational Test and Evaluation (DOT&E) was created by Congress in 1983. The Director is responsible under Title 10 for policy and procedures for all aspects of Operational Test and Evaluation (OT&E) within the Department of Defense (DoD). Particular focus is given to OT&E that supports major weapon system production decisions for acquisition programs included on the Office of Secretary of Defense Test and Evaluation Oversight List that is prepared and approved annually. Generally, there are about 300 programs on the oversight list including all Major Defense Acquisition Programs (MDAP) and Major Automated Information Systems (MAIS). MDAPs may not proceed beyond low-rate initial production (BLRIP) until OT&E of the program is complete. DOT&E is involved early in the planning phase of each program to ensure adequate testing is planned and executed. Key elements of DOT&E's oversight authority include:

- Approve component Test and Evaluation Master Plans (TEMPS).
- Approve component OT&E Test Plans (TPs).
- Oversee Military Department preparation and conduct of field operational tests; analysis and evaluation of the resultant test data; the assessment of the adequacy of the executed test and evaluation programs; and assessment of the operational effectiveness and suitability of the weapon systems.
- Report results of OT&E that supports BLRIP decisions to the Secretary of Defense and Congress, as well as providing an annual report summarizing all OT&E activities and the adequacy of test resources within DoD during the previous fiscal year.
- Review and make recommendations to the Secretary of Defense on all budgetary and financial matters related to OT&E, including operational test facilities, resources and ranges.

DOT&E also oversees and resources OT&E community efforts to plan and execute joint operational evaluations of information assurance and interoperability (IA and IOP) of fielded systems and networks during major Combatant Command (CCMD) and Service exercises, and reports the trends and findings in the annual report.

DOT&E is also involved in increasing the capacity to access realistically advanced cyber warfare capabilities to keep pace with heightened demand for their capabilities, advancing technologies and the growing cyber threat.

This Program Element includes funds to obtain Federally Funded Research and Development Center (FFRDC) support in performing the described tasks, travel funds to carry out oversight of the OT&E and IA and IOP programs, funds for Service teams performing information assurance and interoperability assessments during exercises, administrative support services, DFAS support, and engineering and technical support services related to the conduct of operational test and evaluation and exercise assessments.

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**Exhibit R-2, RDT&E Budget Item Justification:** Request for Additional Appropriations 2017 Operational Test and Evaluation, Defense **Date:** March 2017

<b>Appropriation/Budget Activity</b> 0460: Operational Test and Evaluation, Defense I BA 6: RDT&E Management Support	<b>R-1 Program Element (Number/Name)</b> PE 0605118OTE I Operational Test and Evaluation (OT&E)
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
Previous President's Budget	93.223	76.838	78.434	-	78.434
Current President's Budget	93.223	76.838	80.772	-	80.772
Total Adjustments	0.000	0.000	2.338	-	2.338
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Inflation/Economic adjustment	-	-	-0.387	-	-0.387
• Cybersecurity Assessments	-	-	2.725	-	2.725

**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project:** 0605118OTE: OT&E

Congressional Add: *Cyber Force Training and Resiliency*

Congressional Add: *PACOM Cyber*

Congressional Add: *Cyber Red Team and Training*

Congressional Add Subtotals for Project: 0605118OTE

Congressional Add Totals for all Projects

	<b>FY 2015</b>	<b>FY 2016</b>
	10.000	-
	4.880	-
	3.760	-
	18.640	-
	18.640	-

**Change Summary Explanation**

Inflation/Economic adjustment of -\$0.387 in FY 2017.

AMENDED BUDGET REQUEST JUSTIFICATION: \$2.725 million is required to address emergency warfighting readiness requirements

This increase is for Cybersecurity Assessments including funding three commercially available exploits to help DoD Red Teams portray Tier 3 cyber adversaries; funding and configuring three Cross Domain Solutions (CDS) for cybersecurity testing to identify vulnerabilities in fielded systems and acquisition programs, identify mitigation strategies, and promulgate efficient test guidance; deploying a new platform to improve situational awareness and control of five DoD Red Teams.