

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2)				February 2004			
OPERATIONAL TEST AND EVALUATION, DEFENSE (0460) BUDGET ACTIVITY SIX		CENTRAL TEST AND EVALUATION INVESTMENT PROGRAM (CTEIP) PROGRAM ELEMENT (PE) 0604940D8Z					
\$'s in Millions	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
PE 0604940D	124.319	136.168	123.562	125.838	127.515	130.844	133.277

A. (U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION

Since its inception in FY 1990, this program element has been, and continues to be, used to fund the development of critically needed, high priority Test and Evaluation (T&E) capabilities for joint/multi-Service requirements. The Central Test and Evaluation Investment Program (CTEIP) uses a corporate investment approach to combine Service and Defense Agency T&E needs, maximize opportunities for joint efforts, and avoid unwarranted duplication of test capabilities. CTEIP focuses investments on projects that will have high productivity returns on investment. Projects under the CTEIP Program Element (PE) support two basic tasks: investments to improve the test capabilities base (Joint Improvement and Modernization (JIM) projects), and development of near-term solutions to test capability shortfalls in support of an ongoing operational test program (Resource Enhancement Project (REP)).

The JIM funds critically needed T&E investments in the major functional areas of test mission command, control, communications and instrumentation; electronic warfare systems; threat and computational simulation test and evaluation; space systems T&E; weapons effects test capabilities; targets; and physical and environmental test capabilities. The investments include both the demonstrations of advanced technologies needed to test increasingly complex and sophisticated weapon systems and the transition of these technologies into test capabilities. Examples of project subject matter include: automated data collection, processing, display and archiving; smart munitions testing; modeling and simulation; advanced electronic combat systems; low-observable technologies and signature measurements; targets and target control; time-space-position-information; end-game measurement; testing of advanced materials application; test design; and advanced sensors and space systems. CTEIP continues as the focal point for fostering common architectures throughout the test and training communities to enhance the sharing of resources and links between test and training ranges. CTEIP has provided special focus to institutionalize the use of M&S as a practical test tool; to link ranges through internetting to enhance inter-range and inter-Service cooperation and resource sharing; and, to ensure development and acquisition of common instrumentation necessary for a more efficient test infrastructure. Analyses of alternative solutions are conducted for each investment project to validate T&E requirements, to define integrated support systems, and to determine overall cost effectiveness of the proposed test

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

UNCLASSIFIED

investments. The use of DoD-wide criteria for requirement validation, prioritization, and risk assessment ensures an effective test resource investment program.

The REP funds development of near-term solutions for critical ongoing operational tests supporting decisions on major, high priority defense acquisition programs. These unanticipated operational test (OT) capability requirements arise from several sources such as a new threat system identified during OT planning, acquisition of foreign military assets that are critical in determining weapon system operational effectiveness, short timelines between system design maturity and scheduled OT, and emerging technologies and test requirements resulting from operational concept changes mandated by Congress or DOT&E, or system of systems testing. Funding these activities under the CTEIP provides the opportunity to coordinate and integrate these near-term test requirements with the total DoD test and evaluation investment planning, and ensures their availability and legacy for other programs that may have similar testing requirements.

This Research Category 6.4 PE supports the development and application of proven technologies to provide major test and evaluation capabilities required to meet DoD component weapon system test requirements.

Program Accomplishments and Plans:

FY 2003 Accomplishments:

JIM Projects:

- Terminated the system development phase of the Decade Radiation Test Facility--Enhanced project to develop and field an upgraded, above ground, ionizing radiation test capability to meet existing and emerging nuclear weapons effects test requirements
- Completed the development of the Super High-Speed Visible (SHV) camera and the integration of an infrared sensor with the SHV, under the ASV project
- Completed development of the Roadway Simulator capability for heavy truck testing and continued development of a capability for tractor-trailer combination testing
- Completed efforts under the Advanced Range Telemetry project to improve the efficiency, reliability, utility, and availability of aeronautical telemetry spectrum by adapting advances in commercial communications technology
- Completed the Electromagnetic Environment Effects Generating System project to provide a multi-service test facility capable of assessing actual performance of a full-scale, fixed, or rotary-winged aircraft completely immersed in a user-specified radio frequency environment
- Completed the concept development phase and initiated the systems development phase of the Contamination Avoidance Detector Test Suite project to provide test methodology, instrumentation, and test fixtures required to test and evaluate current and developmental CB detector systems over the entire range of expected use conditions
- Continued development to meet threshold requirements of the Airborne Icing Tanker project to develop an airborne icing capability for testing various DoD aircraft systems at both high and low altitude, suitably presenting natural rain and icing conditions
- Continued the DVSD project to provide DoD T&E facilities and ranges new capabilities to collect, process, store, and distribute data from high-performance digital imagery systems

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 2 of 11

UNCLASSIFIED

- Continued the concept development phase of the Soft Impact Location Capability project to provide the necessary instrumentation, signal processing, communication, and data processing capabilities to detect and locate the point and angle of impact of projectile and missile weapons within an 800m by 800m impact area
- Continued the Tri-Service Signature Measurement and Database System project to provide the capability to characterize the detailed spatial, spectral, and temporal signatures of aircraft, missiles, ground vehicles, ships, undersea vehicles, and their countermeasures in realistic environments
- Continued the concept development phase of the Enhanced Range Applications Project to provide a state-of-the-art Airborne Range Data System that supports the next generation data collection requirements
- Continued the concept development phase of the Joint C4ISR project to develop a capability to test increasingly complex multi-discipline fusion concepts
- Continued the Hardened Sub-Miniature Telemetry and Sensor System Product Improvement project to develop and demonstrate a new generation of rugged, miniaturized, on-board instrumentation applicable to smart munitions flight tests
- Continued the Infrared Sensor Stimulator product improvement, and initiated the Advanced Radar Environment Stimulator project and the Communications, Navigation and Identification follow-on project, under the Joint Installed Systems Test Facility Product Improvements project, to provide improved installed systems capabilities needed to support next generation aircraft testing
- Continued the development and demonstration of time-space-position information (TSPI), flight termination / safe arm (FTSA), and Telemetry functions on advanced missile platforms under the Joint Advanced Missile Instrumentation project
- Continued the system development phase of the Advanced Instrumentation Data & Control System project to develop state-of-the-art instrumentation and control systems to meet DoD T&E requirements for propulsion systems, aerodynamic systems and space systems
- Continued the system development phase of the Electromagnetic Transient Test and Evaluation Facility project to provide a capability to assess aircraft hardness to electro-magnetic transient environments to meet MILSTD 464 requirements
- Continued the system development phase of the Land and Sea Vulnerability Test Capability project to provide an instrumented land-sea interface test capability at the Aberdeen Test Center
- Continued the system development phase of the Multi-Service Target Control System project to provide upgraded target control systems that meet tri-Service requirements
- Continued the Test Technology Development and Demonstration project
- Continued the Tri-Service and CTEIP support projects
- Continued threat system simulator development efforts under the Threat System Simulator Development project to improve integration, reduce potential duplication in threat and target development, and ensure that accurate, cost-effective representations of threat systems are available to support testing
- Continued the DVL project to provide digital video data analysis and reporting capability
- Combined the concept development phase of the Joint Data Acquisition Network Standards project, to provide a suite of standards to establish component interoperability within a vehicular data acquisition network, with the Integrated Network Enhanced Telemetry effort

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 3 of 11

UNCLASSIFIED

- Initiated standardization of the TENA object model and continued development of software tools and integration products within the Foundation Initiatives 2010 project
- Initiated the Joint Directed Energy Combat Operations and Employment project to develop a master range plan for directed energy weapons test and evaluation capabilities
- Initiated concept development for a project to develop a UHF digital flight termination system for DoD unmanned flight vehicles
- Initiated development of an integrated telemetry network architecture, building upon the Joint Data Acquisition Network System concept development phase
- Initiated the development of long-distance flight test procedures and flight demonstrations to support essential short-range and long-range test and evaluation for routine UAV usage in the U. S. National Airspace along side manned aircraft

Resource Enhancement Project:

- Completed the Standoff Cloud Referee System subproject to provide real time information on simulant aerosol cloud location, movement and concentration
- Completed the Common Vehicular Instrumentation Initiative subproject to develop a new generation of modular instrumentation to support vehicle and platform testing
- Completed the FIT Execution subproject to support the engineering effort required to incorporate the FIT protocols and spectrum efficient technologies in the design of the new Mobile Automated Instrumentation Suite transceivers
- Completed the Joint Information Assurance Laboratory subproject to develop a T&E capability based on a notional Global Information Grid configured to replicate the war fighter's operational environment
- Completed the Susceptibility Testing for Global Air Traffic Management Avionics subproject to define at the message level a signal set of harmful transmissions and develop an analysis capability to support evaluation of aircraft susceptibility
- Continued the Shallow Water ASW Target subproject to modify an existing, manned diesel-electric research submarine for use as an Anti ASW target to support Mk 54 and Mk 48 ADCAP torpedo testing
- Continued the Radio Frequency Phase Distribution Upgrade subproject, which procures Advanced Tactical Electronic Warfare Simulator (ATEWES) Microwave Phase Distribution (MDS) hardware and develops software subsystems to meet EA-6B Improved Capability (ICAP) III LR-700 receiver upgrade and planned follow-on interferometer receiver systems test
- Continued the AESA Jammer subproject to develop a simulator that can replicate three threat ground-to-air jammers
- Continued the Commander Air Defense Environment Test Tool subproject to develop a test tool to emulate, stimulate and evaluate the Single Integrated Air Picture C4I system of systems in support of the Area Air Defense Commander
- Continued the Weapon Set-to-Hit Threat Target subproject to provide an unmanned, cost effective target for conducting set-to-hit testing of existing and future torpedoes
- Continued to identify candidate subprojects based on critical OT&E test capability shortfalls
- Initiated the Advanced Mine Simulation System subproject to provide significant improvements to existing threat mine simulation test capabilities

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 4 of 11

UNCLASSIFIED

- Initiated and completed the Biological Referee Instrumentation Towers subproject to provide mobile instrumentation equipment to support biological detection testing in multiple operational environments
- Initiated the Advanced System Endgame Methodology for Actual Threat Systems subproject to develop and integrate emerging technology for high fidelity, real time endgame assessment for threat system engagements in support of Comanche operational testing
- Initiated the Fire and Forget Missile Van Integration subproject to instrument and integrate critical MANPAD threats to evaluate F/A-18 expendable countermeasure effectiveness
- Initiated the Threat Signals A subproject to develop and implement new threat surface-to-air missile system signals in the Joint Communications Simulator to ensure testing in an operationally dense and coherent scenario based environment
- Initiated and completed the Battle Command Test Instrumentation subproject to provide instrumentation network encryption test capability to allow test operations to monitor and control geographically distributed platforms in a classified tactical operational environment and collect data on Battle Command on the Move
- Initiated the Seeker Integration subproject to characterize and integrate recently received foreign hardware into the ECR at China Lake, CA to support ongoing electronic countermeasure testing
- Initiated the Dense Environment Radio Frequency Injection subproject to develop and implement an RF signal simulator system to provide direct injection of a dense RF environment in to the system under test
- Initiated and completed the Scenario and Test Drivers subproject to modify the existing Simulation Injection and Generation System to include updated threat missile warning scenarios
- Initiated tasks/subprojects to resolve critical near term OT&E test capability shortfalls

Official Travel:

Performed official travel to carry out oversight of the CTEIP program

FY 2004 Plans :

JIM Projects:

- Complete development to meet threshold requirements of the Airborne Icing Tanker project to develop an airborne icing capability for testing various DoD aircraft systems at both high and low altitude, suitably presenting natural rain and icing conditions
- Complete development of the limited Roadway Simulator capability for tractor-trailer combination testing
- Complete the Electromagnetic Transient Test and Evaluation Facility project to provide a capability to assess aircraft hardness to electromagnetic transient environments to meet MILSTD 464 requirements
- Complete the Multi-Service Target Control System project to provide upgraded target control systems that meet tri-Service requirements
- Complete the Test Technology Development and Demonstration project
- Complete the Joint Directed Energy Combat Operations and Employment project to develop a master range plan for directed energy weapons test and evaluation capabilities
- Complete the project to develop and demonstrate a new generation of rugged, miniaturized, on-board instrumentation applicable to smart

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 5 of 11

UNCLASSIFIED

- munitions flight tests, within the Hardened Sub-Miniature Telemetry and Sensor System Product Improvement project
- Complete the concept development phase and initiate the systems development phase of the Soft Impact Location Capability project to provide the necessary instrumentation, signal processing, communication, and data processing capabilities to detect and locate the point and angle of impact of projectile and missile weapons within an 800m by 800m impact area
- Complete concept development phase and initiate the system development phase of the Enhanced Range Applications Project to provide a state-of-the-art Airborne Range Data System that supports the next generation data collection requirements
- Complete concept development phase and initiate the system development phase of the Joint C4ISR project to develop a capability to test increasingly complex multi-discipline fusion concepts
- Complete concept development and initiate systems development for a project to develop a UHF digital flight termination system for DoD unmanned flight vehicles
- Complete requirements documentation and development of roadmap for future investments under the Digital Video Systems Development project to provide DoD test and evaluation facilities and ranges new capabilities to collect, process, store, and distribute data from high-performance digital imagery systems
- Complete the Tri-Service Signature Measurement and Database System project to provide the capability to characterize the detailed spatial, spectral, and temporal signatures of aircraft, missiles, ground vehicles, ships, undersea vehicles, and their countermeasures in realistic environments
- Complete validation of flight test procedures and UAV operations in the U. S. National Airspace along side manned aircraft
- Continue standardization of the TENA object model and the development of software tools and integration products within the Foundation Initiatives 2010 project
- Continue the DVL project to provide digital video data analysis and reporting capability
- Continue the Land and Sea Vulnerability Test Capability project to provide an instrumented land-sea interface test capability at the Aberdeen Test Center
- Continue the Infrared Sensor Stimulator product improvement, the Advanced Radar Environment Stimulator project, and the Communications, Navigation and Identification follow-on, and initiate development of the Two-Color Infrared Missile Warning System Stimulator under the Joint Installed Systems Test Facility Product Improvements project, to provide improved installed systems capabilities needed to support next generation aircraft testing
- Continue the development and demonstration of time-space-position information (TSPI), flight termination / safe arm (FTSA), and Telemetry functions on advanced missile platforms under the Joint Advanced Missile Instrumentation project
- Continue the system development phase of the Advanced Instrumentation Data & Control System project to develop state-of-the-art instrumentation and control systems to meet DoD T&E requirements for propulsion systems, aerodynamic systems and space systems
- Continue the system development phase of the Contamination Avoidance Detector Test Suite project to provide test methodology, instrumentation, and test fixtures required to test and evaluate current and developmental CB detector systems over the entire range of expected use conditions

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 6 of 11

UNCLASSIFIED

- Continue the Tri-Service and CTEIP support projects
- Continue threat system simulator development efforts under the Threat System Simulator Development project to improve integration, reduce potential duplication in threat and target development, and ensure that accurate, cost-effective representations of threat systems are available to support testing
- Initiate concept development for a project to develop a network-enhanced telemetry capability for T&E ranges and facilities
- Initiate concept development for an advanced digital range radar suite to perform common test and evaluation range tracking functions required for next generation weapon systems and targets
- Initiate concept development for improved test and evaluation capabilities for directed energy weapons
- Initiate and complete development of system enhancements under the Airborne Separation Video project
- Initiate and complete requirements identification and concept development for using unmanned systems in training, operational exercises, and test and evaluation
- Initiate Missile Engagement Threat Simulator project to develop an enhanced capability to evaluate the vulnerability of aircraft to Man-Portable Air Defense Systems (MANPADS)
- Initiate concept development for infrared spectrum test instrumentation for open air ranges

Resource Enhancement Project:

- Complete the Advanced Mine Simulation System subproject to provide significant improvements to existing threat mine simulation test capabilities
- Complete the Advanced System Endgame Methodology for Actual Threat Systems subproject to develop and integrate emerging technology for high fidelity, real time endgame assessment for threat system engagements in support of Comanche operational testing
- Complete the Fire and Forget Missile Van Integration subproject to instrument and integrate critical MANPAD threats to evaluate F/A-18 expendable countermeasure effectiveness
- Complete the Dense Environment Radio Frequency Injection subproject to develop and implement an RF signal simulator system to provide direct injection of a dense RF environment in to the system under test
- Complete the Shallow Water ASW Target subproject to modify an existing, manned diesel-electric research submarine for use as an Anti ASW target to support Mk 54 and Mk 48 ADCAP torpedo testing
- Complete the AESA Jammer subproject to develop a simulator that can replicate three threat ground-to-air jammers
- Complete the Commander Air Defense Environment Test Tool subproject to develop a test tool to emulate, stimulate and evaluate the Single Integrated Air Picture C4I system of systems in support of the Area Air Defense Commander
- Complete the Threat Signals A subproject to develop and implement new threat surface-to-air missile system signals in the Joint Communications Simulator to ensure testing in an operationally dense and coherent scenario based environment
- Complete the Weapon Set-to-Hit Threat Target subproject to provide an unmanned, cost effective target for conducting set-to-hit testing of existing and future torpedoes
- Complete the Radio Frequency Phase Distribution Upgrade subproject, which procures Advanced Tactical Electronic Warfare Simulator

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 7 of 11

UNCLASSIFIED

(ATEWES) Microwave Phase Distribution (MDS) hardware and develops software subsystems to meet EA-6B Improved Capability (ICAP) III LR-700 receiver upgrade and planned follow-on interferometer receiver systems test

- Continue the Seeker Integration subproject to characterize and integrate recently received foreign hardware into the ECR at China Lake, CA to support ongoing electronic countermeasure testing
- Continue to identify candidate subprojects based on critical OT&E test capability shortfalls
- Initiate and continue tasks/subprojects to resolve critical near term OT&E test capability shortfalls
- Initiate the National Warning Network Scenarios and Test Tools subproject to build scenarios, test drivers and test tools for new OT requirements resulting from real-world events and recent program and threat changes
- Initiate the Voice/Video Emulation Test Tool subproject to develop two digital voice emulation systems to stimulate and evaluate voice and videotransmissions from realistic operational ranges in support of tactical command and control systems
- Initiate the SIIRCM Instrumentation Suite subproject to upgrade the Super Multi-role Electro-Optic Simulator to incorporate a night vision camera, multi-band laser detector, and laser range finder to simulate characteristics of UV and IR signatures
- Initiate the SSST Stream Raid subproject to provide two Anti-Ship Cruise Missile threat targets with near simultaneous arrivals on similar bearings to resolve the system track management, coordinated combat direction, and survivability COIs
- Initiate the TSPI Advanced Tracker subproject to upgrade the current TAT with long range acquisition radar to increase its ability to acquire and track targets at greater distances, in low light, and in obscured weather
- Initiate the EFV Threat Vehicle Surrogate Targets subproject to develop 2½-D infrared (IR) plastic ground surrogate targets to emulate the appearance, thermal signature, and mobility of BMD-2, BMP-2, BTR-70, and BRDM-2 threat vehicles
- Initiate the Small Contingency Theater Positioning System subproject to develop a system that will enable time, space, position information of test assets in environments encountered under small contingency operations (Military Operation Urbanized Terrain, Urban, mountains, caves, etc.)
- Initiate the Foreign Targets Surrogate subproject to develop 8 threat mine surrogates for use in COMOPTEVFOR operational tests and assessments of Mine Countermeasure systems
- Initiate the SSST Enhanced Maneuverability subproject to upgrade the GQM-163A target design to perform square wave inputs to perform terminal weaves which will more closely represent threat anti-ship missile maneuvers

Official Travel:

Perform official travel to carry out oversight of the CTEIP program

FY 2005 Plans :

JIM Projects:

- Complete the development and demonstration of time-space-position information (TSPI), flight termination / safe arm (FTSA), and Telemetry functions on advanced missile platforms under the Joint Advanced Missile Instrumentation project
- Complete concept development and initiate systems development for the project to develop a network-enhanced telemetry capability for T&E ranges and facilities

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 8 of 11

UNCLASSIFIED

- Complete concept development and initiate systems development for an advanced digital range radar suite to perform common test and evaluation range tracking functions required for next generation weapon systems and targets
- Complete concept development and initiate systems development for improved test and evaluation capabilities for directed energy weapons
- Complete standardization of the TENA object model and the development of software tools and integration products within the Foundation Initiatives 2010 project
- Complete the DVL project to provide digital video data analysis and reporting capability
- Complete the Missile Engagement Threat Simulator project to develop an enhanced capability to evaluate the vulnerability of aircraft to Man-Portable Air Defense Systems (MANPADS)
- Complete concept development and initiate system development for infrared spectrum test instrumentation for open air ranges
- Continue the Land and Sea Vulnerability Test Capability project to provide an instrumented land-sea interface test capability at the Aberdeen Test Center
- Continue the systems development phase of the Soft Impact Location Capability project to provide the necessary instrumentation, signal processing, communication, and data processing capabilities to detect and locate the point and angle of impact of projectile and missile weapons within an 800m by 800m impact area
- Continue the Infrared Sensor Stimulator product improvement and the Advanced Radar Environment Stimulator project, and complete the Communications, Navigation and Identification follow-on and the Two-Color Infrared Missile Warning System Stimulator under the Joint Installed Systems Test Facility Product Improvements project, to provide improved installed systems capabilities needed to support next generation aircraft testing
- Continue the system development phase of the Advanced Instrumentation Data & Control System project to develop state-of-the-art instrumentation and control systems to meet DoD T&E requirements for propulsion systems, aerodynamic systems and space systems
- Continue the system development phase of the Contamination Avoidance Detector Test Suite project to provide test methodology, instrumentation, and test fixtures required to test and evaluate current and developmental CB detector systems over the entire range of expected use conditions
- Continue the system development phase of the Enhanced Range Applications Project to provide a state-of-the-art Airborne Range Data System that supports the next generation data collection requirements
- Continue the system development phase of the Joint C4ISR project to develop a capability to test increasingly complex multi-discipline fusion concepts
- Continue the Tri-Service and CTEIP support projects
- Continue threat system simulator development efforts under the Threat System Simulator Development project to improve integration, reduce potential duplication in threat and target development, and ensure that accurate, cost-effective representations of threat systems are available to support testing
- Continue systems development of the project to develop a UHF digital flight termination system for DoD unmanned flight vehicles

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 9 of 11

UNCLASSIFIED

Resource Enhancement Project:

- Complete the Seeker Integration subproject to characterize and integrate recently received foreign hardware into the ECR at China Lake, CA to support ongoing electronic countermeasure testing
- Continue to identify candidate subprojects based on critical OT&E test capability shortfalls
- Initiate and continue tasks/subprojects to resolve critical near term OT&E test capability shortfalls

Official Travel:

Perform official travel to carry out oversight of the CTEIP program

UNCLASSIFIED

B. (U) PROGRAM CHANGE SUMMARY

(\$ in Millions)	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
FY 2004 President's Budget	122.294	123.215	124.444
Current Budget Submit	124.319	136.168	123.562
Total Adjustments		12.953	(0.882)
Congressional Program Reductions		(1.947)	
Congressional Rescissions			
Congressional Increases		14.900	
Digital Video Lab		3.000	
Airborne Separation Video System		1.000	
Roadway Simulator		3.400	
UAV Sys & Ops Validation Facility		4.900	
Unmanned Systems Testbed		2.600	
Reprogramming	2.025 ¹		
Inflation Adjustment			(0.882)

Notes:

1. **Transfer of Unmanned Aerial Vehicle Long Range Test Range program from Appropriation 0400 RDT&E Defense-Wide PE 0605804D to Appropriation 0460 DOT&E PE 0605940D based on Congressional intent**

C. (U) OTHER PROGRAM FUNDING NA

Exhibit R-2, RDT&E Budget Item Justification

UNCLASSIFIED

R-1 Shopping List – Item No 2

Page 11 of 11