Exhibit R-2, RDT&E Budget Item Justification							February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 06			R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z				
Cost ($ in millions)	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Total PE Cost	132.509	146.888	133.852	136.168	138.217	140.402	142.569

A.   (U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

Since its inception in FY 1990, this program element has been 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, Defense, and other government agencies 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 ongoing operational test programs (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. Examples of project subject matter include: automated data collection, processing, display, and archiving; smart munitions testing; modeling and simulation (M&S); 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 investments. The use of Department of Defense (DoD)-wide criteria for requirement validation, prioritization, and risk assessment ensures an effective test resource investment program.

Exhibit R-2, RDT&E Budget Item Justification	February 2008
Appropriation/Budget Activity	R-1 Item Nomenclature
RDT&E, Defense Wide, BA 06	Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z

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 Director, Operational Test & Evaluation (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 includes special studies, analyses, and strategic planning related to test capabilities and infrastructure, and 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 2007 Accomplishments:
JIM Projects:
- Completed the Land and Sea Vulnerability Test Capability project to provide an instrumented land-sea interface test capability at the Aberdeen Test Center.
- Completed concept development and initiated systems development for the Next Generation Range Support Aircraft project to provide an improved airborne telemetry capability to support test and evaluation of future weapons systems requiring greater standoff distances and increased telemetry transmission ranges.
- Completed concept development for the Subminiature Flight Safety System to provide a warhead compatible, universal, subminiature, low-cost flight termination system.

Exhibit R-2, RDT&E Budget Item Justification	February 2008

Appropriation/Budget Activity RDT&E, Defense Wide, BA 06	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z

- Completed concept development and initiated systems development for the Hypersonic Propulsion Test Capability project to provide a variable Mach number aerodynamic propulsion test capability at the Arnold Engineering Development Center.
- Completed concept development for the Joint Information Assurance Test Suite / Web-Enabled Test project to provide a dynamic Information Assurance test tool suite with the ability to conduct extensive testing of web-based systems.
- Continued development of the Advanced Radar Environment Stimulator and the Infrared Sensor Stimulator product improvement, under the Joint Installed Systems Test Facility Product Improvements project, to provide improved installed systems capabilities needed to support next generation aircraft testing.
- Continued system development 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 at Arnold Engineering Development Center.
- Continued system development of the Enhanced Flight Termination System project to develop an ultra high frequency (UHF) digital flight termination system for DoD unmanned flight vehicles.
- Continued system develop of the Unmanned Systems Testbed project to provide capabilities for using unmanned systems in training, operational exercises, and test and evaluation.
- Continued the Range Tactical Data Link and Relay Capability project to provide cross-range interoperability and establish a joint tactical data link test and training capability at selected ranges.
- Continued the Re-Locatable Command, Control, and Communications (C3) for Gulf Range Support project to provide re-locatable long-haul and inter/intra-communications to support interoperability and expanded operations at selected Gulf ranges.
- Continued systems development of the Joint Mobile Infrared Countermeasures Test System project to provide infrared spectrum test instrumentation for open air ranges.
- Continued the Joint Gulf Range Complex Upgrade project to provide upgraded range control capabilities at the Gulf Range.
- Continued concept development for the Integrated Network Enhanced Telemetry project to develop a network-enhanced telemetry capability for T&E ranges and facilities.

Exhibit R-2, RDT&E Budget Item Justification	February 2008
Appropriation/Budget Activity	R-1 Item Nomenclature

RDT&E, Defense Wide, BA 06	Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z

- Continued system development of the Towed Airborne Plume Simulator project to provide a capability to test airborne infrared countermeasure systems in a dynamic threat environment, to include realistic clutter background.
- Continued validation of flight test procedures and unmanned aerial vehicle (UAV) operations in the U.S. National Airspace alongside manned aircraft, under the UAV Systems Operations and Validation Program.
- Continued concept development for the Interactive Electronic Attack project to provide an interactive electronic attack radio frequency capability to test electronic warfare and avionics systems against reactive air defenses in a secure, protected ground-based environment.
- Continued concept development for the Advanced Communications Environment –Faithful Timeslot Messaging project to adapt the current Joint Communications Simulator antenna pattern and propagation effects to provide timeslot dependent attenuation of Link-16 terminal output.
- Continued systems development of the Test Capability Workstation / Data Collection Automation Tool project to develop a software suite and tools that focus on Capabilities-Based Test methodology to support operational test planning and the automation of test data collection, analysis, and reporting.
- Continued systems development of the Contamination Avoidance Detector Test Suite project providing test methodology, instrumentation, and test fixtures required to test and evaluate current and developmental Chemical Biological (CB) detector systems over the entire range of expected use conditions.
- Continued systems development of the Directed Energy Test and Evaluation Capability project to provide improved test and evaluation capabilities for directed energy weapons.
- Continued systems development of the Joint Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) project to develop a capability to test increasingly complex multi-discipline data fusion concepts.
- Continued systems development 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 threat system simulator development 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 Tri-Service and CTEIP support projects.

Exhibit R-2, RDT&E Budget Item Justification	February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 06	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z

- Continued the Test and Training Enabling Architecture Software Development Activity to promote integrated testing and simulation-based acquisition through the use of a logical range consisting of distributed live, virtual, and constructive elements tied together by a common architecture.
- Continued the Joint Advanced Missile Instrumentation project to develop and demonstrate time-space-position information, flight termination / safe and arm, and telemetry functions on advanced missile platforms.
- Initiated concept development for the Common Range Integrated Instrumentation System project to develop a common range instrumentation system to address next generation range data requirements. This effort includes a Rapid Prototype Initiative to address near term testing requirements for the Future Combat System.
- Initiated the Pacific Range Interoperability Test and Evaluation Capability project to enhance interoperability between test and training assets in the Pacific and other DoD ranges and facilities.
- Initiated an upgraded capability to evaluate the vulnerability of aircraft to Man Portable Air Defense System threats at an existing Live Fire Test and Evaluation facility.
- Initiated concept development for the Horizontal Fast Rise Electromagnetic Pulse (EMP) Pulser project to provide the required EMP testing environment for large aircraft under test.
- Initiated concept development for the Space Threat Assessment Testbed project to provide a capability to conduct subsystem and system level combined natural and man-made space environmental effects testing of critical space assets.

Resource Enhancement Project:
- Completed the development, integration, and testing of the Advanced Capability Mobile Flight Mission Simulator to allow for battalion level testing during the PATRIOT Limited User Test.
- Completed the software development, hardware integration and acceptance testing of the Time and Space Position Information Advanced Tracker to be used in the Initial Operational Test and Evaluation (OT&E) of the Advanced Tactical Assault Parachute.

Exhibit R-2, RDT&E Budget Item Justification		February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 06	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z	

- Completed the testing and validation of the Portable Underwater Tracking System to be used in the OT&E of the Virginia Class Submarines.
- Completed the Integrated Broadcast Operational Test Suite subproject to provide a DoD-wide intelligence broadcast operational test capability to test the Integrated Broadcast Service (IBS).
- Completed the validation and testing of the Air and Missile Defense Operational Test Suite to be used for Ground-Course Missile Defense Upgraded Early Warning Radar (UEWR) operational and interoperability testing.
- Completed integration, verification, and validation efforts for the Shootable Remote Threat Ground Target subproject.
- Completed system integration and test of the Radio Frequency Monitoring and Data Analysis System subproject.
- Completed the integration, verification, validation, and training for the Command and Control Data Analysis Capability subproject.
- Completed system integration, acceptance testing, and training for the Digital Signal Environment Verification Test Tool subproject.
- Completed development, acceptance testing, verification, and validation of the Fluorescence Aerosol Particle Sensor subproject.
- Completed system integration, testing, and validation efforts for the Probability of Raid Annihilation Common Threat and Environment Capability subproject.
- Completed factory acceptance testing and initiated system acceptance testing of the Infrared Man-Portable Air Defense System Real Time Casualty Assessment Simulator to be used in the Armed Reconnaissance Helicopter's Initial Operational Test.
- Continued systems engineering and development efforts for the Chemical Agent Plume Tracking Capability subproject.
- Initiated the development of the Volumetric Influence Processor subproject to provide the ability to determine submarine and ship susceptibility to underwater electrical potential influence mines.
- Initiated the development of the Infantry Automatic Rifle Test Resource Unit Fire Hit Discriminator to provide the capability to measure the probability of hit requirements within the context of operationally realistic tactical scenarios to support the Infantry Automatic Rifle Operational Test (OT).

Exhibit R-2, RDT&E Budget Item Justification		February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 06	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z	

FY 2008 Plans:

JIM Projects:

- Complete the Enhanced Flight Termination System project to develop an ultra high frequency (UHF) digital flight termination system for DoD unmanned flight vehicles.
- Complete an upgraded capability to evaluate the vulnerability of aircraft to Man Portable Air Defense System threats at an existing Live Fire Test and Evaluation facility.
- Complete 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.
- Complete concept development and initiate system development for the Advanced Communications Environment – Faithful Timeslot Messaging project to adapt the current Joint Communications Simulator antenna pattern and propagation effects to provide timeslot dependent attenuation of Link-16 terminal output.
- Complete the Test Capability Workstation / Data Collection Automation Tool project to develop a software suite and tools that focus on Capabilities-Based Test methodology to support operational test planning and the automation of test data collection, analysis, and reporting.
- Complete the Unmanned Systems Testbed project to provide capabilities for using unmanned systems in training, operational exercises, and test and evaluation.
- Complete the Joint Mobile Infrared Countermeasures Test System project to provide infrared spectrum test instrumentation for open air ranges.
- Complete 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.
- Complete concept development for the Interactive Electronic Attack project to provide an interactive electronic attack radio frequency capability to test electronic warfare and avionics systems against reactive air defenses in a secure, protected ground-based environment.
- Complete concept development for the Integrated Network Enhanced Telemetry project to develop a network-enhanced telemetry capability for T&E ranges and facilities.

Exhibit R-2, RDT&E Budget Item Justification	February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 06	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z

- Complete system development of the Towed Airborne Plume Simulator project to provide a capability to test airborne infrared countermeasure systems in a dynamic threat environment, to include realistic clutter background.
- Complete the Infrared Sensor Stimulator product improvement and continue system development of the Advanced Radar Environment Stimulator, under the Joint Installed Systems Test Facility Product Improvements project, to provide improved installed systems capabilities needed to support next generation aircraft testing.
- Complete the Joint Gulf Range Complex Upgrade project to provide upgraded range control capabilities at the Gulf Range.
- Complete the Pacific Range Interoperability Test and Evaluation Capability project to enhance interoperability between test and training assets in the Pacific and other DoD ranges and facilities.
- Complete the Range Tactical Data Link and Relay Capability project to provide cross-range interoperability and establish a joint tactical data link test and training capability at selected ranges.
- Complete the Re-Locatable Command, Control, and Communications (C3) for Gulf Range Support project to provide re-locatable long-haul and inter/intra-communications to support interoperability and expanded operations at selected Gulf ranges.
- Complete concept development and initiate system development for the Horizontal Fast Rise Electromagnetic Pulse (EMP) Pulser project to provide the required EMP testing environment for large aircraft under test.
- Continue systems development of the Directed Energy Test and Evaluation Capability project to provide improved test and evaluation capabilities for directed energy weapons.
- Continue systems development of the Joint Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) project to develop a capability to test increasingly complex multi-discipline data fusion concepts.
- Continue system development of the Joint Advanced Missile Instrumentation project to develop and demonstrate time-space-position information, flight termination / safe and arm, and telemetry functions on advanced missile platforms.
- Continue systems development 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.

Exhibit R-2, RDT&E Budget Item Justification	February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 06	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z

- Continue the Test and Training Enabling Architecture Software Development Activity to promote integrated testing and simulation-based acquisition through the use of a logical range consisting of distributed live, virtual, and constructive elements tied together by a common architecture.
- Continue systems development for the Hypersonic Propulsion Test Capability project to provide a variable Mach number aerodynamic propulsion test capability at the Arnold Engineering Development Center.
- Continue concept development for the Common Range Integrated Instrumentation System project to develop a common range instrumentation system to address next generation range data requirements. Complete the Rapid Prototype Initiative to address near term testing requirements for the Future Combat System.
- Continue validation of flight test procedures and unmanned aerial vehicle (UAV) operations in the U.S. National Airspace alongside manned aircraft, under the UAV Systems Operations and Validation Program.
- Continue the Tri-Service and CTEIP support projects.
- Continue threat system simulator development 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 for the Next Generation Range Support Aircraft project to provide an improved airborne telemetry capability to support test and evaluation of future weapons systems requiring greater standoff distances and increased telemetry transmission ranges.
- Continue concept development for the Space Threat Assessment Testbed project to provide a capability to conduct subsystem and system level combined natural and man-made space environmental effects testing of critical space assets.
- Initiate development of capabilities to test and evaluate advanced infrared countermeasures systems.
- Initiate concept development for the Objective Helicopter Icing Spray System project to provide a roll-on / roll-off capability to perform in-flight icing and rain testing for low-speed air vehicles.
- Initiate and complete the Advanced SAM Hardware Simulator Development – Integrated Technical Evaluation Assessing Multiple Sources (ITEAMS) project to develop a detailed design of a threat radar system using available scientific and technical intelligence data.
- Initiate and complete the Joint Gulf Range Complex Test and Training Interdependency Initiative project to explore opportunities for common infrastructure development for test and training participants at the Joint Gulf Range Complex.

Exhibit R-2, RDT&E Budget Item Justification	February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 6	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z

Resource Enhancement Project:
- Complete the fabrication, range integration, and validation of the AGM-88E Anti-Radiation Missile Air Defense Array Test Tool to support the OT of the AGM-88E Advanced Anti-Radiation Guided Missile (AARGM).
- Complete the site surveys and installation of the Air and Missile Defense Operational Test Suite to be used for Ground-Course Missile Defense operational and interoperability testing.
- Complete the integration, system testing, and validation of the Chemical Agent Plume Tracking Capability test tool to support the Improved Point Detection System II (IPDS II) OT.
- Complete acceptance testing of the Infrared Man-Portable Air Defense System Real Time Casualty Assessment Simulator to be used in the Armed Reconnaissance Helicopter's Initial Operational Test.
- Complete system integration and test of the Radio Monitoring and Data Analysis System subproject to provide the capability to assess the Prophet Ground Systems' operational effectiveness in detecting, identifying, and copying direction finding line of bearing low probability of intercept signals during the Prophet Ground System Initial Operational Test.
- Complete the prototype development and demonstration efforts and prototype validation testing of the Infantry Automatic Rifle Test Resource Unit Fire Hit Discriminator to support the Infantry Automatic Rifle OT.
- Continue the development and complete component and system testing for the Volumetric Influence Processor subproject.
- Initiate the development of the Digital Remote Interface Vector Equipment System to provide the operational test directors the ability to accurately simulate surface warfare environments to support the OT of the Littoral Combat Ship.
- Initiate the development of the Consolidated Enterprise Network Test and Evaluation Range to support the Operational Assessment of the Combat Information Transport System.
- Initiate the development of the Net-Ready Operational Test and Evaluation Support subproject to provide an operationally representative dense signal environment to support the Operational Test and Evaluation of the C-130 aircraft.

Exhibit R-2, RDT&E Budget Item Justification		February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 6	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z	

- Initiate the development t of the Air and Ground Network Waveform Test Capability subproject to provide the 605TH Test and Evaluation Squadron the capability to assess the interoperability of the Tactical Air Control Party Close Air Support System.
- Initiate developments to address near term OT capability shortfalls in range interoperability and knowledge management.
- Initiate developments to address near term OT capability shortfalls in realistic test environments, to include open air test environments, tunnels, and chambers.
- Initiate developments to address near term OT capability shortfalls in the realistic representation of enemy threats and targets.
- Initiate developments to address near term OT capability shortfalls in installed systems and hardware-in-the-loop T&E facilities.

FY 2009 Plans:

JIM Projects:
- Complete the Directed Energy Test and Evaluation Capability project to provide improved test and evaluation capabilities for directed energy weapons.
- Complete the Joint C4ISR project to develop a capability to test increasingly complex multi-discipline data fusion concepts.
- Complete concept development and initiate systems development for the Objective Helicopter Icing Spray System project to provide a roll-on / roll-off capability to perform in-flight icing and rain testing for low-speed air vehicles.
- Complete concept development and initiate system development for the Space Threat Assessment Testbed project to provide a capability to conduct subsystem and system level combined natural and man-made space environmental effects testing of critical space assets.
- Complete the Joint Advanced Missile Instrumentation project to develop and demonstrate time-space-position information, flight termination / safe and arm, and telemetry functions on advanced missile platforms.
- Complete systems development 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.

Exhibit R-2, RDT&E Budget Item Justification		February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 6	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z	

- Complete validation of flight test procedures and unmanned aerial vehicle (UAV) operations in the U.S. National Airspace alongside manned aircraft, under the UAV Systems Operations and Validation Program.
- Continue systems development for the Horizontal Fast Rise Electromagnetic Pulse (EMP) Pulser project to provide the required EMP testing environment for large aircraft under test.
- Continue system development for the Advanced Communications Environment –Faithful Timeslot Messaging project to adapt the current Joint Communications Simulator antenna pattern and propagation effects to provide timeslot dependent attenuation of Link-16 terminal output.
- Continue development of the Advanced Radar Environment 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 concept development for the Common Range Integrated Instrumentation System project to develop a common range instrumentation system to address next generation range data requirements.
- Initiate systems development for the Integrated Network Enhanced Telemetry project to develop a network-enhanced telemetry capability for T&E ranges and facilities.
- Continue the Test and Training Enabling Architecture Software Development Activity to promote integrated testing and simulation-based acquisition through the use of a logical range consisting of distributed live, virtual, and constructive elements tied together by a common architecture.
- Continue development of capabilities to test and evaluate advanced infrared countermeasures systems.
- Continue systems development for the Hypersonic Propulsion Test Capability project to provide a variable Mach number aerodynamic propulsion test capability at the Arnold Engineering Development Center.
- Continue the Tri-Service and CTEIP support projects.
- Continue threat system simulator development efforts 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 for the Next Generation Range Support Aircraft provide to provide an improved airborne telemetry capability to support test and evaluation of future weapons systems requiring greater standoff distances and increased telemetry transmission ranges.

Exhibit R-2, RDT&E Budget Item Justification		February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 6	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z	

- Initiate concept development for a free space data exchange capability to complement traditional radio frequency (RF) telemetry.

Resource Enhancement Project:
- Complete verification, validation and accreditation efforts for the Volumetric Influence Processor subproject.
- Complete the shipboard installation and at-sea verification efforts of the Digital Remote Interface Vector Equipment System to support the Operational Test of the Littoral Combat Ship.
- Complete system integration and testing of the Net-Ready Operational Test and Evaluation Support subproject to support the Operational Test and Evaluation of the C-130 aircraft.
- Complete developments to address near term OT capability shortfalls in range interoperability and knowledge management.
- Complete developments to address near term OT capability shortfalls in realistic test environments, to include open air test environments, tunnels, and chambers.
- Complete developments to address near term OT capability shortfalls in the realistic representation of enemy threats and targets.
- Complete developments to address near term OT capability shortfalls in installed systems and hardware-in-the-loop T&E facilities.
- Initiate development of instrumented facilities to evaluate our next generation of sensors, weapons, platforms, and C4ISR systems in a realistic urban environment.
- Initiate development of hardware simulators to test missile warning systems of new generation electronic warfare (EW) suites in a dynamic environment.

Exhibit R-2, RDT&E Budget Item Justification	February 2008
Appropriation/Budget Activity RDT&E, Defense Wide, BA 6	R-1 Item Nomenclature Central Test and Evaluation Investment Program (CTEIP), PE 0604940D8Z

B.   (U) PROGRAM CHANGE SUMMARY

	FY 2007	FY 2008	FY 2009
Previous President's Budget:	137.648	133.772	134.095
Current President's Budget:	132.509	146.888	133.852
Total Adjustments:			
Congressional Program Adjustments:			
Congressional Rescissions:		-1.284	
Congressional Increases:		14.400	
Other Program Adjustments:	-5.139		-0.243

C.   (U) OTHER PROGRAM FUNDING   NA

D.   (U) ACQUISITION STRATEGY   NA

E.   (U) PERFORMANCE METRICS

Percentage of CTEIP projects that were developed and delivered to the DoD test community over the past five years.