RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2)			July 2001		
OPERATIONAL TEST AND EVALUATION, DEFENSE (0460) BUDGET ACTIVITY SIX			CENTRAL TEST AND EVALUATION INVESTMENT PROGRAM (CTEIP) PE 0604940D8Z		
$'s in Millions	FY 2000	FY 2001	FY 2002	COST TO COMPLETE	TOTAL COST
PE 0604940D	132.866	134.157	113.642	Continuing	Continuing

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 eliminate 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 projects fund critically needed test and evaluation 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 modeling and simulation as practical test methods; 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. These efforts directly support the Department's initiative to improve the effectiveness of the Simulation, Test and Evaluation Process (STEP). 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 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. The requirements for these solutions and test assets are generally not known more than two years in advance of a critical test event, and as such, are not programmable within the normal planning and budgeting process. These unanticipated OT capability requirements arise from several sources such as a new threat system identified during OT planning, unexpectedly acquiring foreign military assets critical in determining weapon system operational effectiveness, short timelines between system design maturity and scheduled OT, and emerging test requirements resulting from operational concept changes 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.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

FY 2000 Accomplishments:

JIM Projects:

- Initiated the system development phase of the Electromagnetic Environmental 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.
- Initiated the system development phase 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.
- Initiated the system development phase of the Joint Advanced Missile Instrumentation project to develop integrated instrumentation for applications in tri-Service small missile test and training.
- Initiated the system development phase of the Multi-Service Target Control System (MSTCS) project to provide interoperable tri-Service target control systems.
- Initiated the DECADE Radiation Test Facility--Enhancement project to develop and field an upgraded, above ground ionizing radiation test capability to meet existing and emerging nuclear weapons effects test requirements.
- Initiated the concept development phase of the GPS Signal Validation project to develop a Joint GPS inverted range as a realistic field testing environment for testing new GPS modernization signals.
- Initiated the concept 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.

- Initiated requirements development and program planning for Magdalena Ridge Observatory effort to develop a dual-use, state-of-the-art optical tracking system.
- Initiated development and prototyping of the EO/IR background and environment player, the design of a graphical user interface (GUI) prototype and tasks to document the technical architecture used by the Joint Modeling and Simulation System project to provide interoperability among the Services' models and simulations.
- Continued development, delivery, and testing of the Test and Evaluation Enabling Architecture (TENA) within the Foundation Initiatives 2010 project.
- Continued the system development phase of the Hardened Sub-Miniature Telemetry and Sensor System project to develop and demonstrate a new generation of rugged, miniaturized, on-board instrumentation applicable to weapon system flight tests.
- Continued the conventional Holloman High Speed Sled Track Upgrade project to develop techniques and capabilities necessary for improved reliability and also to provide increased payload/velocity and instrumentation capabilities.
- Continued the system development phase for the Advanced Range Telemetry project to improve the efficiency, reliability, utility, and availability of aeronautical telemetry spectrum by adapting advances in commercial communications technology.
- 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 Test Technology Development and Demonstration project.
- Continued the Tri-Service and CTEIP support projects.
- Continued integration and testing of the Transportable Range Augmentation Control System project to develop a suite of transportable equipment and instrumentation for common range control functions.
- Continued requirements development for the BIG CROW EW Enhancement project to upgrade and modernize high power amplifiers, antennas, communications and data systems for the BIG CROW high power standoff jamming capability.
- Continued the concept development phase of the Electromagnetic Transient (EMT) Test and Evaluation Facility (EMTTEF) project to provide a capability to assess aircraft hardness to EMT environments to meet MILSTD 464 requirements.
- Continued development of the High Speed Massive Memory capability, an ultra high speed and high capacity electronic media storage device that will capture data from high resolution digital imaging devices and transfer it to a data reduction workstation for post-event analysis.
- Continued development of the Long-Term Test Capability (LTTC) camera and the Multi-System Controller (MSC), and initiate development of the Super High-Speed Visible (SHV) camera, under Airborne Separation Video project.
- Continued the concept development phase of the Advanced Mobile Object Acquisition System project to include an automatic radar mode management and power allocation control capability to provide the next generation multi-target acquisition system. Initiated development of the Multiple Object Tracking Radar MOTR) Programmable Resource Control (PRC) capability.
- Completed the Translated GPS Range System project to develop a new generation of time-space-position information instrumentation.
- Completed the Advanced Static RCS Measurement project to provided enhanced radar cross-section measurement capabilities for advanced weapon systems.

- Completed design of the Roadway Simulator to provide a vehicle-in-the-loop test capability for advanced mobility vehicles and other tactical vehicles in a laboratory environment. Initiated development of capability for light truck testing.
- Completed the concept development phase of the Land and Sea Vulnerability Test Capability project to provide an instrumented land-sea interface test location at the Aberdeen Test Center.
- Completed the Multi-Spectral Scene Generator and the Infrared Sensor Stimulator instrumentation and continued efforts on the Communication, Navigation, Identification Simulator and the Generic Radar Target Generator instrumentation within the Joint Installed System Test Facility project.
- Completed the Air-to-Air Signature Measurement System (AASMS), continued development of the Acoustic Signature Measurement and Unaugmented Tracking System (ASMUTS), and initiated the Air-to-Ground and Ground Signature Measurement Systems (AGSMS and GSMS) within the Tri-Service Signature Measurement and Database System project.

Resource Enhancement Projects:

- Initiated Geometric Automated Video Enhanced Location System subproject to locate events / detonations needed to answer accuracy critical operational issues (COIs) for Army field artillery systems, Army airborne systems, and Marine non-lethal weapon systems.
- Initiated TAMD Interoperability Assessment Capability subproject to support PAC 3 and TAMD Family of Systems operational testing.
- Initiated Shallow Water ASW Target subproject to modify an existing, manned diesel-electric research submarine for use as an Anti-Submarine Warfare (ASW) target to support MK-54 and MK-48 ADCAP torpedo testing.
- Initiated Real-Time SAM Models for OT&E subproject to develop real-time surface-to-air (RTSAM) models to be used in virtual simulations being developed for the F-22 and JSF Test and Evaluation programs.
- Initiated Geometric Pairing subproject to design and develop a geometric pairing (pointing) device to be used with Air Defense weapons against aircraft during Comanche operational test.
- Initiated Instrumentation of the IBIS Hammer System for use in IDECM RFCM and IDECM Integration testing.
- Initiated the Electronic Order of Battle – Environment Generator System subproject to develop computer-driven simulations replicating selectable threat and friendly electronic environments for operational testing of the Team Portable Collection System (TPCS), the Mobile Electronic Warfare Support System (MEWSS), and the Technical Control and Analysis Center (TCAC).
- Continued Test Resource, Analysis, and Planning task to identify near-term OT shortfalls and validate the requirement for test capability.
- Continued to identify candidate subprojects based on critical OT&E test capability shortfalls.
- Continued the Weapons Analysis Facility Enhancement Resource (WAFER) subproject to develop threat submarine, surface combatant and surface launch torpedo models, complete model interfaces with new high speed computing hardware and Verify and Validate upgraded environmental, CM and threat target models.
- Continued the Radio Frequency Phase Distribution Upgrade (RF PDU) subproject which procures Advanced Tactical Electronic Warfare Environment 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 Joint OT&E Simulation Environment Facility (JOSEF) subproject, which provides a representative warfare / contingency operations environment for OT&E of network centric C4I systems such as the Defense Message System and Global Command and

Control System.
- Completed the Reconfigurable Electro-Optical and Magnetic Expendable Target (REMET) subproject that will provide an expendable, electro-optical and magnetic signature replicate of the T-80 tank for use in Short Range Anti-Tank Weapon (SRAW) testing.
- Completed the QF-4 IR Characterization (IR CHAR) subproject to provide predictive codes and models of the infrared (IR) and ultraviolet (UV) characteristics of the QF-4 (DoD Full-Scale Aerial Target) to support AIM-9X testing.
- Completed the Missile Warning Test Capability (MWTC) subproject and supported F-16 Common Missile Warning System testing.
- Completed the Dismounted Troop Instrumentation (DMT) subproject to reduce the size and weight of instrumentation required for Land Warrior testing.

FY 2001 Plans:

JIM Projects:
- Initiate the system development phase of the Land and Sea Vulnerability Test Capability project to provide an instrumented land-sea interface test location at the Aberdeen Test Center.
- Initiate the concept development phase of the Joint Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) System project to develop a capability to test increasingly complex multi-discipline fusion concepts.
- Initiate the concept development phase of 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 Joint Strike Fighter testing.
- Initiate and complete the Silent Sentry project to evaluate passive coherent location technology.
- Initiate and complete the Digital Video Laboratory project to provide digital video data analysis and reporting capability for aircraft stores separation.
- Initiate, within the Joint Advanced Missile Instrumentation project, integration of time-space-position information (TSPI), flight termination / safe arm (FTSA), and end game scoring (EGS) functions into Tomahawk and AMRAAM systems development. Conduct qualification testing of the TSPI, FTSA, and EGS functions.
- Initiate development of the TENA object model definition and tools for resource management and test/exercise management within the Foundation Initiatives 2010 project.
- Initiate the concept development phase of the Contamination Avoidance Detector Test Suite, Joint Data Acquisition Network Standards, and Enhanced Range Application projects.
- Continue the system development phase of the Hardened Sub-Miniature Telemetry and Sensor System project to develop and demonstrate a new generation of rugged, miniaturized, on-board instrumentation applicable to weapon system flight tests.
- Continue the system development phase of the Electromagnetic Environmental 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.
- Continue the system development phase of the Multi-Service Target Control System (MSTCS) project to provide upgraded, interoperable tri-Service target control systems.

- Continue the Holloman High Speed Sled Track conventional upgrade to develop techniques and capabilities necessary for improved reliability and also to provide increased payload/velocity and instrumentation capabilities.
- Continue development of the Advanced Range Telemetry project to improve the efficiency, reliability, utility, and availability of aeronautical telemetry spectrum by adapting advances in commercial communications technology.
- Continue development of the Joint Modeling and Simulation System project to provide interoperability among the Services' models and simulations.
- Continue the system development phase 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.
- Continue the Test Technology Development and Demonstration project.
- Continue the Tri-Service and CTEIP support projects.
- Continue the systems development phase of the Communication, Navigation, Identification Simulator and the Generic Radar Target Generator instrumentation projects within the Joint Installed System Test Facility project.
- Defer threat system simulator development efforts under the Threat System Simulator Development project.
- Continue the concept development phase and defer the systems development phase for the BIG CROW EW Enhancement project to upgrade and modernize high power amplifiers, antennas, communications and data systems for the BIG CROW high power standoff jamming capability.
- Complete the concept development phase and Initiate the system development phase of the Electromagnetic Transient (EMT) Test and Evaluation Facility (EMTTEF) project to provide a capability to assess aircraft hardness to EMT environments to meet MILSTD 464 requirements.
- Complete the Transportable Range Augmentation Control System project capability to develop a suite of transportable equipment and instrumentation for common range control functions.
- Complete requirements development and program planning and initiate system development of Magdalena Ridge Observatory capability to provide a dual-use, state-of-the-art optical tracking system.
- Complete development of the Roadway Simulator capability for light truck testing and initiate development of a capability for heavy truck testing.
- Complete development of Programmable Resource Control for MOTR and defer the system development phase of the Advanced Mobile Object Acquisition System (AMOAS) project.
- Complete Acoustic Signature Measurement and Unaugmented Tracking System (ASMUTS) and continue the Air-to-Ground and Ground Signature Measurement Systems (AGSMS and GSMS) developments within the Tri-Service Signature Measurement and Database System project.
- Complete development of the Long-Term Test Capability (LTTC) camera and the Multi-System Controller (MSC), and initiate the integration of an infrared sensor with the Super High-Speed Visible camera under the Airborne Separation Video project.
- Complete the concept development phase and initiate the system development phase for 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.

- Complete the concept development phase and initiate the system development phase of the GPS Signal Validation project to develop a Joint GPS inverted range as a realistic field testing environment for testing new GPS modernization signals.
- Complete the concept 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.

Resource Enhancement Projects:

- Initiate Countermeasure Threat Emulator subproject to fabricate programmable countermeasure devices to emulate foreign countermeasures that can be deployed from submarines or surface ships.
- Initiate XM-11S subproject to correct fidelity deficiencies of the XM11S Simulator antenna, transmitter, and receiver subsystems.
- Initiate NAIC Aircraft Threat Models development for F-22 Air Combat Simulation subproject to provide air combat threat models required for virtual simulations being developed for F-22 test and evaluation.
- Initiate and complete Portable Joint Link-16 Monitoring Capability subproject to provide an integrated real-time Joint Data Network analysis capability.
- Initiate Information Assurance Suite subproject to select commercial off-the-shelf (COTS) hardware, instrumentation, and systems that can be utilized to test vulnerability to information warfare techniques.
- Initiate and complete Deliberate and Crisis Action Planning and Execution Segments (DCAPES) and Theater Battle Management Core System (TBMCS) Command and Control Test Capability subproject to provide specialized computer hardware and data collection instrumentation needed to provide and command and control test capability.
- Initiate and complete SA-XX Modifications subproject to provide a critical modern missile seeker test capability and to provide a key threat simulator for the RF countermeasures portion of the IDECM suite.
- Initiate Intelligence Modeling and Simulation for Evaluation subproject to develop a computer based high-fidelity simulation to accurately represent the disposition of enemy forces, the tasking and collection of intelligence sensors, generation of intelligence messages, and delivery of intelligence products to appropriate users.
- Initiate and complete the F-22 Operational Test Mission Planning Resource Augmentation subproject to provide a realistic operational effectiveness and suitability test capability for the F-22 Mission Support System combined DT/OT and IOT&E.
- Continue to identify candidate subprojects based on critical OT&E test capability shortfalls.
- Continue Geometric Automated Video Enhanced Location System subproject to locate events / detonations needed to answer accuracy critical operational issues (COIs) for field artillery systems, airborne systems, and non-lethal weapon systems.
- Continue Shallow Water ASW Target subproject to modify an existing, manned diesel-electric research submarine for use as an Anti-Submarine Warfare (ASW) target to support Mk54 and Mk 48 ADCAP torpedo testing.
- Complete TAMD Interoperability Assessment Capability subproject to support PAC 3 and TAMD Family of Systems operational testing.
- Complete Real Time SAM Models for OT&E subproject to develop real-time surface-to-air (RTSAM) models to be used in virtual simulations being developed for the F-22 and JSF Test and Evaluation programs.
- Complete Geometric Pairing subproject to design and develop a geometric pairing (pointing) device to be used with Air Defense weapons against aircraft during Comanche operational test.

- Complete Instrumentation of the IBIS Hammer System for use in IDECM RFCM and IDECM Integration testing.
- Complete the Electronic Order of Battle – Environment Generator System subproject to develop computer-driven simulations replicating selectable threat and friendly electronic environments for operational testing of the Team Portable Collection System (TPCS), the Mobile Electronic Warfare Support System (MEWSS), and the Technical Control and Analysis Center (TCAC).
- Complete Joint OTE Simulation Environment Facility subproject which provides a representative warfare / contingency operations environment for OT&E of network centric C4I systems such as the Defense Message System and Global Command and Control System.
- Complete Weapons Analysis Facility Enhancement subproject to develop threat submarine, surface combatant and surface launched torpedo models, complete model interfaces with new high speed computing hardware and verify and validate upgraded environmental, countermeasure and threat target models.
- Complete the Radio Frequency Phase Distribution Upgrade (RF PDU) 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.

FY 2002 Plans:

JIM Projects:

- Initiate concept 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.
- Initiate concept development of the Digital Video Systems Development project, to provide DoD test and evaluation facilities and ranges the necessary instrumentation to enable collection, processing, storage, and distribution of data from high-performance digital imagery systems.
- Initiate 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.
- Initiate development of software tools for test/exercise planning and analysis and range integration products within the Foundation Initiatives 2010 project.
- 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 the system development phase of the Land and Sea Vulnerability Test Capability project to provide an instrumented land-sea interface test location at the Aberdeen Test Center.
- Continue the system development phase of the Electromagnetic Transient (EMT) Test and Evaluation Facility (EMTTEF) project to provide a capability to assess aircraft hardness to EMT environments to meet MILSTD 464 requirements.
- Continue the system development phase of the Multi-Service Target Control System (MSTCS) project to provide upgraded, interoperable tri-Service target control systems.

- Continue the system development phase of the Advanced Range Telemetry project to improve the efficiency, reliability, utility, and availability of aeronautical telemetry spectrum by adapting advances in commercial communications technology.
- Continue development of the Joint Modeling and Simulation System project to provide interoperability among the Services' models and simulations.
- Continue the Test Technology Development and Demonstration project.
- Continue the Tri-Service and CTEIP support projects.
- Continue system development for the DECADE Radiation Test Facility--Enhancement project to develop and field an upgraded, above ground ionizing radiation test capability to meet existing and emerging nuclear weapons effects test requirements.
- Continue the system development phase of the Electromagnetic Environment Effects Generating 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.
- Continue the Tri-Service Signature Measurement and Database System project.
- Complete the Holloman High Speed Sled Track conventional upgrade to develop techniques and capabilities necessary for improved reliability and also to provide increased payload/velocity and instrumentation capabilities.
- Complete the Airborne Icing 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 the Hardened Sub-Miniature Telemetry and Sensor System project to develop and demonstrate a new generation of rugged, miniaturized, on-board instrumentation applicable to weapon system flight tests.
- Complete the GPS Signal Validation project to develop a Joint GPS inverted range as a realistic field test environment for testing new GPS modernization signals.
- Complete the Communication, Navigation, Identification Simulator and the Generic Radar Target generator instrumentation projects within the Joint Installed System Test Facility project.
- Complete the development of the Super High-Speed Visible (SHV) camera, and the integration of an infrared sensor with the SHV, under the Airborne Separation Video project.
- Complete concept development and initiate systems development of the Enhanced Range Applications project to provide a state-of-the-art Airborne Range Data System that supports next generation data collection requirements.
- Complete concept development and initiate systems development of the Contamination Avoidance Detector Test Suite project to provide test methodology, instrumentation, and modeling/simulation tools required to test and evaluate current and developmental CB detector systems over the entire range of expected use conditions.
- Complete concept development and initiate systems development of the Joint Data Acquisition Network Standards project to provide a suite of standards to establish component interoperability within a vehicular data acquisition network.
- Complete integration of Joint Advanced Missile Instrumentation project capability into Tomahawk and AMRAAM. Complete development and testing of time-space-position information (TSPI), flight termination / safe arm (FTSA), and end game scoring (EGS) functions.
- Complete concept development and initiate systems development of the Joint Command, Control, Communications, Computers,

Intelligence, Surveillance and Reconnaissance (C4ISR) System project to develop a capability to test increasingly complex multi-discipline fusion concepts.

- Complete concept development and initiate systems development of 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 Joint Strike Fighter testing.

Resource Enhancement Projects:

- Continue to identify candidate subprojects based on critical OT&E test capability shortfalls.
- Complete Countermeasure Threat Emulator subproject to fabricate programmable countermeasure devices to emulate foreign countermeasures that can be deployed from submarines or surface ships.
- Complete XM-11S subproject to correct fidelity deficiencies of the XM11S Simulator antenna, transmitter, and receiver subsystems.
- Complete NAIC Aircraft Threat Models development for F-22 Air Combat Simulation subproject to provide air combat threat models required for virtual simulations being developed for F-22 test and evaluation.
- Complete Information Assurance Suite subproject to select commercial off-the-shelf (COTS) hardware, instrumentation, and systems that can be utilized to test vulnerability to information warfare techniques.
- Complete Geometric Automated Video Enhanced Location System subproject to locate events / detonations needed to answer accuracy critical operational issues (COIs) for Army field artillery systems, Army airborne systems, and Marine non-lethal weapon systems.
- Complete Shallow Water ASW Target subproject to modify an existing, manned diesel-electric research submarine for use as an Anti Submarine Warfare (ASW) target to support Mk54 and Mk 48 ADCAP torpedo testing.
- Initiate Intelligence Modeling and Simulation for Evaluation subproject to develop a computer based high-fidelity simulation to accurately represent the disposition of enemy forces, the tasking and collection of intelligence sensors, generation of intelligence messages, and delivery of intelligence products to appropriate users.
-

General DOT&E Support:

Continue the design and development of a Knowledge Management System, adding robust functionality to enable rapid decision-making on time critical events. The system will be extended to the majority of the DOT&E enterprise and will include CTEIP templates, guidelines and best practices for DOD personnel. This effort will fully support the Department's goal and vision.

Official Travel and Administrative Support:

Perform official travel and procure administrative support to carry out oversight of CTEIP as well as fund efforts of common interest with the Director, Operational Test and Evaluation.

B. (U) PROGRAM CHANGE SUMMARY

($ in Millions)	FY 2000	FY 2001	FY 2002
FY 2001 President's Budget	132.866	121.401	116.642
Roadway Simulator		12.000	
Magdalena Ridge Observatory		7.000	
Silent Sentry		3.500	
Digital Video Laboratory		2.500	
Threat Simulators/Targets		(5.000)	
Program Delays		(6.000)	
Section 8086 Reduction		(.948)	
P.L. 106-554 Reduction		(.296)	
Appropriated Value	132.866	134.157	
Adjustments to Appropriated Value			
Transfer to PE 0603941D TEST			(3.000)
Current Budget Submit	132.866	134.157	113.642

C. (U) OTHER PROGRAM FUNDING NA