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OSD RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

Date: February 2006

APPROPRIATION/ BUDGET ACTIVITY
RDT&E/ Defense Wide BA# 4

PE NUMBER AND TITLE

0604828D8Z - Joint Fires Integration & Interoperability

Cost (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total Program Element (PE) Cost	0.000	0.000	16.782	17.103	17.408	17.767	18.068
P857 Joint Fires Integration & Interoperability	0.000	0.000	16.782	17.103	17.408	17.767	18.068

A. Mission Description and Budget Item Justification: JFIIT conducts assessments and evaluations of joint fires and combat identification (CID) capabilities to reduce the risk of fratricide and other friendly fire incidents. These events support the U.S. JFCOM mission of joint concept development and experimentation as directed in the Secretary of Defense's (SECDEF's) Strategic Planning Guidance. JFIIT events are also an integral part of fulfilling JFCOM's responsibility outlined in the SECDEF's Transformation Planning Guidance to measure transformation progress through experimentation and evaluation of findings. Capabilities assessments and evaluations of joint fires and CID during these evaluations are conducted in the surface-to-surface, air-to-surface, surface-to-air, and air-to-air combat mission areas. These areas may be evaluated at a single exercise or at several venues during the year. Venue selection and evaluation of a specific mission area are dependent on force availability. Evaluation of each mission area may require instrumentation of all participants influencing execution of missions within that mission area. Participants, both Blue Forces and Opposing Forces (OPFOR) including aircraft, ships and land based assets to include individual soldiers and Marines, may be fully instrumented. Instrumentation provides time, space, position information and shot pairing for real-time data collection and subsequent detailed analysis. This analysis is required to support findings and recommendations that provide solutions to Combatant Commander's identified joint fires and CID deficiencies. Contractor support is required for instrumentation installation and operation as well as follow-on analysis of data. A realistic OPFOR will enhance each mission area to generate valid CID scenarios and joint fires capabilities assessments. This OPFOR consisting of ground, air and naval forces will be realistic OPFOR equipment whenever practical and can be leased and transported from their home base to the various exercise venues. JFIIT involvement in irregular warfare is on the increase due to mission support.

B. Program Change Summary	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2006)			
Current BES/President's Budget (FY 2007)	0.000	0.000	16.782
Total Adjustments	0.000	0.000	16.782
Congressional Program Reductions			
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			
Other			16.782

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C. Other Program Funding Summary: Not Applicable.**D. Acquisition Strategy:** Not Applicable.**E. Performance Metrics:**

FY	Strategic Goals Supported	Existing Baseline	Planned Performance Improvement / Requirement Goal	Actual Performance Improvement	Planned Performance Metric / Methods of Measurement	Actual Performance Metric / Methods of Measurement
07						

Comment: Performance of Joint Fires Integration & Interoperability systems is measured by successful delivery of system solutions to Combatant Commands by required delivery dates.

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OSD RDT&E PROJECT JUSTIFICATION (R2a Exhibit)							Date: February 2006	
APPROPRIATION/ BUDGET ACTIVITY RDT&E/ Defense Wide BA# 4				PE NUMBER AND TITLE 0604828D8Z - Joint Fires Integration & Interoperability			PROJECT P857	
Cost (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
P857 Joint Fires Integration & Interoperability	0.000	0.000	16.782	17.103	17.408	17.767	18.068	

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B. Accomplishments/Planned Program:

Accomplishment/Planned Program Title	FY 2005	FY 2006	FY 2007
FIELD EVALUATIONS	0.000	0.000	1.000

FY 2007 Plans: JFIIT will conduct Joint Fires and combat identification and interoperability evaluations in conjunction with JFCOM test and evaluation events in the areas of surface-to-surface, air-to-surface, surface-to-air, and air-to-air. Many JFIIT operations will require full instrumentation of all blue force and opposing force participants. All platforms including aircraft, ships at sea, and land based assets will be fully instrumented. JFIIT evaluations will require full instrumentation of ground maneuver mounted and dismounted elements, airborne platforms, ships at sea and an opposing force (OPFOR) air and ground force. Instrumentation provides time, space, position information and shot pairing for real time casualty assessment and kill removal and for post-mission and post-evaluation analysis. The data collected from the instrumentation will point to solutions to combat ID deficiencies. In accordance with OSD Director of Force Transformation policy guidance, a realistic OPFOR is employed in support of the exercise. JFIIT is also directed by charter to provide support to promising Combat Identification enhancements or joint fires initiatives. Irregular warfare issues have been identified during these evaluations and will continue to be addressed by JFIIT.

Accomplishment/Planned Program Title	FY 2005	FY 2006	FY 2007
JFIIT SUPPORT	0.000	0.000	0.647

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PROJECT

P857

FY 2007 Plans: A tenant at Eglin AFB, JFIIT will receive base support to include: utilities, cleaning, communications, printing, shipping and vehicles. JFIIT will maintain and upgrade analytical capabilities with software and hardware improvements. Briefings on findings and recommendations will be prepared and made available for presentation to the Joint Staff, the Services and the Combatant Commanders. JFIIT plans to contract for Technical and Acquisition Management Support through a Host Base contract vehicle.

Accomplishment/Planned Program Title

FY 2005

FY 2006

FY 2007

ANNUAL SUPPORT CONTRACTS

0.000

0.000

14.635

FY 2007 Plans: JFIIT will continue to depend on advisory and support contract manpower for the planning, execution, analysis and reporting for joint fires and combat identification capabilities assessments, findings and recommendations to assist in developing solutions to prevent future fratricide during real world joint combat operations. The avenues for such may consist of National Training Center, Weapons Tactics Instruction, Joint Readiness Training Center and various other events

Accomplishment/Planned Program Title

FY 2005

FY 2006

FY 2007

TRAVEL AND CONFERENCES

0.000

0.000

0.500

FY 2007 Plans: JFIIT will host and attend numerous planning conferences and site visits in preparation for National Training Center, Weapons Tactics Instruction, Joint Readiness Training Center and various other events. Additionally, JFIIT will provide Subject Matter Experts to various forums.

C. Other Program Funding Summary: Not Applicable.**D. Acquisition Strategy:** Not Applicable.**E. Major Performers** Not Applicable.

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