

Exhibit R-2, RDT&E Budget Item Justification							February 2004	
DEFENSE-WIDE, RDT&E (400) BUDGET ACTIVITY 6				DEVELOPMENTAL TEST AND EVALUATION PE 0605804D8Z				
Cost (\$ in millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cont'g
Total PE Cost	46.944	8.808	8.882	8.962	9.143	9.311	9.529	Cont'g
<p>* FY 2003 appropriation is under Defense-Wide, RDT&E (0400) for FY 2003 and prior years. Beginning with FY 2004, the JT&E portion of this appropriation will be transferred to Director, Operational Test and Evaluation (0460).</p> <p>A. <u>Mission Description and Budget Item Justification:</u> This Research Category 6.5 Program Element supports technical analysis and evaluation by Developmental Test & Evaluation (DT&E) of the Department's weapons systems to determine the adequacy of system test program structure and development plans, substantiation of technical performance requirements achievement, identification of weapon system cost performance trade-offs / design risks, system certification for Operational Test & Evaluation, and ensures DT&E Programs are sound, well-executed and sufficiently address system's ability to meet Warfighter's needs.</p> <p>Joint Test & Evaluation (JT&E) programs are process, rather than product, focused Test and Evaluation (T&E) activities conducted in a joint military environment. These multi-Service programs, chartered by OSD and coordinated with the Joint Staff and Services, provide improvements in interoperability of Service systems, improvements in technical and operational concepts, solutions to joint operational issues, development and validation of joint test methodologies, and data for validating models, simulations and test beds. JT&E programs solve relevant Warfighter issues in a joint T&E environment, develop and improve Joint Test Capabilities and Methodologies. Beginning with FY2004, the JT&E portion of this appropriation will be transferred to Director, Operational Test and Evaluation (0460).</p>								

B. Program Change Summary:

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
Previous President's Budget	49.252	8.938	8.903
Current FY 2005 President's Budget	46.944	8.808	8.882
Total Adjustments	-2.308	-.130	-.021
Congressional program reductions	-1.775		
Congressional rescissions			
Congressional increases			
Reprogrammings	-0.309	-0.130	-0.021
SBIR / STTR Transfer	-0.224		

C. Other Program Funding Summary: N/A**D. Acquisition Strategy: N/A***

Exhibit R-2a, RDT&E Project Justification							February 2004									
DEFENSE-WIDE, RDT&E (400) BUDGET ACTIVITY 6				DEVELOPMENTAL TEST AND EVALUATION PE 0605804D8Z												
Cost (\$ in millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cont'g								
Developmental Test and Evaluation	46.944	8.808	8.882	8.962	9.143	9.311	9.529	Cont'g								
<p>* FY 2003 appropriation is under Defense-Wide, RDT&E (0400) for FY 2003 and prior years. Beginning with FY 2004, the JT&E portion of this appropriation will be transferred to Director, Operational Test and Evaluation (0460).</p> <p>A. <u>Mission Description and Budget Item Justification:</u> This PE funds Developmental Test & Evaluation (DT&E) support to the acquisition process, and DT&E oversight of over 220 Programs from the OSD T&E Oversight List. DT&E is the Focal point for DT&E policy as outlined in Section 133, Title 10, USC, and Test and Evaluation Master Plan approval within OSD. DT&E is the USD(AT&L) lead for test/training range activities and DT&E education & training of the T&E workforce. DT&E monitors program status, including on-going testing, and advises OSD senior leadership on test program adequacy.</p> <p>Joint Test & Evaluation (JT&E) program management responsibilities include program nomination, senior/technical program review, and approval of JT&E test plans and reports.</p> <p>B. <u>Accomplishments/Planned Program:</u></p> <table border="1"> <thead> <tr> <th></th> <th>FY 2003</th> <th>FY 2004</th> <th>FY 2005</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/Effort /Cost</td> <td>46.944</td> <td>8.808</td> <td>8.882</td> </tr> </tbody> </table> <p>(U) FY 2003 Accomplishments:</p> <p>T&E Independent Activities:</p> <ul style="list-style-type: none"> - Review, coordination, and approval of 48 Test and Evaluation Master Plans (TEMPs) (Draft and Service Approved). - Review and coordination on all significant program documentation to include: 30 Defense Acquisition Executive Summaries (DAES); 46 Acquisition Decision Memoranda 										FY 2003	FY 2004	FY 2005	Accomplishment/Effort /Cost	46.944	8.808	8.882
	FY 2003	FY 2004	FY 2005													
Accomplishment/Effort /Cost	46.944	8.808	8.882													

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(ADM); and, 1454 Other Documents Reviewed.

- Analyses of programs for compliance with DT&E policies identified in the DoD 5000 acquisition policy and monitoring of on-going DT&E program activities through participation in 862 local and 368 out-of-town developmental test program fora.
- Closely monitored F-22 test program, providing frequent assessment of program progress and software stability issues.
- Conducted detailed analysis to ensure JSF test resources are adequate based on F-22 lessons learned.
- Prepared thorough transition plan to transfer JT&E program from AT&L to DOT&E, including transfer of funding.
- Implemented congressional direction and stand-up of the DoD Test Resource Management Center (TRMC), resulting in assured accomplishment of CY2003 tasks required in the FY03 National Defense Authorization Act (NDAA).
- Provided across-the-board assessment of V-22 program progress, enabling the DAE to determine program was on track and satisfactorily resolving previously identified technical problems.
- Supported USAF working group on space programs, advising on T&E best practices and investigating alternatives to supporting T&E of space programs after transfer to USAF.
- Supported DAU-led study on the capabilities of the T&E workforce of the DoD, as directed by congress in section 234 of the NDAA.
- Managed the conduct of a congressionally-directed report on the capabilities of the test ranges and the capabilities of modeling and simulation technique, resulting in a strategy on how best to integrate the two and make weapon system testing more efficient and effective.

JT&E Program:

- Completed Joint Close Air Support (JCAS) and Joint Shipboard Helicopter Integration Process (JSHIP) Joint Tests, conduct outbriefings, distribute the final reports, and transition legacy products.
- Continued ; Joint Battle Damage Assessment (JBDA), Joint C2 Intelligence, Surveillance and Reconnaissance (JC2ISR), Joint Cruise Missile Defense (JCMD), Joint Global Positioning System Combat Effectiveness (JGPSCE), Joint Logistics/Planning Enhancement (JLOG/PE), Joint Methodology to Assess C4ISR Architecture (JMACA), Joint UAV for Time Sensitive Operations (JUAV-TSO), and Joint Data Link Information Combat

UNCLASSIFIED

R-1 Shopping List Item No. 131

Page 4 of 6

Execution (JDICE).

- Initiated Joint Space Control Operations (Negation) (JSCO (N)), Joint Integration and Interoperability of Special Operations (JIISO), and Joint Urban Fires and Effects (JUFE) which were FY2003 SAC directed Joint Feasibility Studies.
- Initiated one "Quick Start" short-term test to look assess potential solutions and make recommendations to reduce tactical vehicle casualties in Operation Iraqi Freedom. This test is named Joint Survivability (JSURV) and is expected to be a six-month effort.

(U) FY 2004 Plans:

T&E Independent Activities: Includes funding for technical analysis and evaluation of the developmental testing of the more than 180 major weapon acquisition programs. Specifically, the DT&E organization, within Defense Systems, is the USD(AT&L) focal point for all activities related to developmental test and evaluation as outlined in Section 133, Title 10, United States Code. T&E Independent Activities include funding for:

- Analyses of programs for compliance with DT&E policies identified in the DoD 5000 acquisition policy.
- Determination of the adequacy of system test program structure and development plans and substantiation of technical performance requirements achievement, identification of weapon system cost performance trade-offs/design risks.
- Supports the Director, Defense Systems in OIPTs (and comparable organizations), DAES, DABS.
- Review, coordination, and approval of Test and Evaluation Master Plans (TEMPS).
- Monitoring of on-going Developmental Test and Evaluation program activities.
- Review and coordination on all significant program documentation.
- Recommending improvements to strengthen DT&E and provide necessary information/advice to DoD Acquisition decision-makers.
- Developing "New" corporate philosophy to improve Department-wide DT&E adequacy through test and evaluation process improvements that ensure readiness to initiate OT&E.
- Supporting DoD Business Initiative Council (BIC) IPT consisting of representatives from the Services, USD(AT&L) and DOT&E to evaluate current TEMP preparation, staffing and approval process, and recommend improvements for implementation by the Services and OSD.

- Fully supporting the DT&E planning of DoD space Major Defense Acquisition Programs, and other space programs on the OSD T&E Oversight List.
- Educate and train T&E workforce by leading T&E functional working group and Support and monitor update of Defense Systems Management College Test 101 / 202 / 301 Courses.
- Publishing DT&E lessons learned and best practices (Acquisition. Guidebook).
- Assessing system technical maturity and readiness for OT, based on DT; and system certification of OT&E.
- Developing DT&E outreach strategy and implementation plan.

(U) FY 2005 Plans:

T&E Independent Activities: Includes funding for technical analysis and evaluation of the developmental testing of the more than 220 major weapon acquisition programs. Specifically, the DT&E organization, within Defense Systems, is the USD(AT&L) focal point for all activities related to developmental test and evaluation as outlined in Section 133, Title 10, United States Code. T&E Independent Activities include funding for:

- Analyses of programs for compliance with DT&E policies identified in the DoD 5000 acquisition policy.
- Determining the adequacy of system test program structure and development plans and substantiation of technical performance requirements achievement, identification of weapon system cost performance trade-offs/design risks, and system certification of OT&E.
- Review, coordination, and approval of Test and Evaluation Master Plans (TEMPS).
- Monitoring of on-going developmental test program activities.
- Review and coordination on all significant program documentation.
- Recommend improvements to strengthen DT&E and provide necessary information/advice to DoD Acquisition decision-makers.

C. Other Program Funding Summary: N/A

D. Acquisition Strategy. N/A*

E. Major Performers: The following contractors received \$10.0 million or more in funding for support in FY 2003: **SRC:** Support to the JT&E Program Office, Alexandria, VA; JGPSCE, Kirtland AFB, NM; JBDA, Suffolk, VA; JC2ISR, Hurlburt Field, FL; JMACA, Suffolk, VA