

**UNCLASSIFIED**  
**Fiscal Year 2006 - 2007 President's Budget Submission**  
**Department of Defense Human Resources Activity**  
**RDT&E Descriptive Summaries**  
**February 2005**

| Exhibit R-2, RDT&E Budget Item Justification                                    |         |         |         |   |         | Date: February 2005 |         |         |
|---|---------|---------|---------|---|---------|---------------------|---------|---------|
| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6                       |         |         |         | R-1 Item Nomenclature: R&D in Support of DoD<br>Enlistment, Testing and Evaluation, 0605803SE |         |                     |         |         |
| Cost (\$ in millions)   | FY 2004 | FY 2005 | FY 2006 | FY 2007   | FY 2008 | FY 2009             | FY 2010 | FY 2011 |
| Total PE Cost   | 8.566   | 8.548   | 8.853   | 9.214   | 9.395   | 9.650               | 9.895   | 10.142  |
| Project 1:<br>Joint Service<br>Training &<br>Readiness<br>System<br>Development | 3.765   | 3.728   | 3.898   | 4.053   | 4.132   | 4.245               | 4.352   | 4.461   |
| Project 2:<br>Defense<br>Training<br>Resource<br>Analysis                       | 2.970   | 2.932   | 3.098   | 3.227   | 3.291   | 3.379               | 3.466   | 3.552   |
| Project 3: DoD<br>Enlistment<br>Processing &<br>Testing                         | 1.831   | 1.888   | 1.857   | 1.934   | 1.972   | 2.026               | 2.077   | 2.129   |
| Project 4:<br>Federal Voting<br>Assistance<br>Program                           | 0       | 0       | -       | -   | -       | -                   | -       | -       |

**A. Mission Description and Budget Item Justification:** The Department of Defense Human Resources Activity (DHRA) is a DoD-wide Field Activity chartered to support the Under Secretary of Defense for Personnel and Readiness (USD (P&R)). This PE includes application of R&D to expedite prototype development and mission support efforts to sustain and/or modernize operations required for general RDT&E.

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| <p>Project 1: Joint Service Training &amp; Readiness System Development. The Joint Service programs were established by the Secretary of Defense to improve the training and readiness of the Active and Reserve Components. This project expedites the prototype development of new training and readiness technologies and Joint Service Training and Readiness systems, which improve training and readiness effectiveness and enhance military forces' performance.</p> <p>It also facilitates the sharing of training and readiness information, while allowing for the transfer of emerging and innovative technologies among the Services and the private sector. Efforts have included: development of mission essential tasks; design, development, and implementation of performance metrics, data, and methodologies for the Joint Assessment and Enabling Capability to guide Training Transformation and support the Department's balanced scorecard and Defense Readiness Reporting System; identified and defined joint urban training requirements identified methods to conduct effective joint training and determined best means to develop simulations, military construction, and other urban training facilities that meet Service, joint, and fiscal demands and requirements; developed joint training regimen requirements and investments ranging from the joint strategic level down to the joint tactical level for joint asymmetric warfare; and developed a joint stability and support operations training roadmap and investment plan for operations other than war including peace enforcement, peacekeeping, and humanitarian assistance.</p> |   |                     |

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| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6   | R-1 Item Nomenclature: R&D in Support of DoD<br>Enlistment, Testing and Evaluation, 0605803SE |
| <p>Project 2: The Defense Training Resources Analysis. This project supports DHRA and DoD training managers (OSD, Joint Staff, Unified Commands, and the Services) in promoting more efficient and effective use of training resources, increasing the effectiveness of military training, and enhancing the readiness and performance of the military forces. Projects analyze the contributions to readiness of various training techniques and programs and use the results to expedite new training concepts and procedures that increase unit effectiveness or decrease costs. Emphasis is placed on developing analytical tools and systematic methodologies to improve training resource allocations.</p> <p>Project 3: DoD Enlistment Processing and Testing. The project administers testing programs, which enable the Armed Services to select highly qualified military recruits. The DoD uses a single test, the Armed Services Vocational Aptitude Battery (ASVAB), to determine eligibility of military applicants and to report recruit quality data to Congress. High quality recruits are obtained from administering the ASVAB annually to approximately 600,000 applicants for Military Service as part of the DoD Enlistment Testing program, and to 1 million students in the DoD Student Testing program. Each Service also uses ASVAB test forms developed in this program as part of their in-service testing programs. New ASVAB test forms and related support materials are implemented approximately every four years. This allows DoD to make measurement improvements as well as decrease the likelihood of test compromise. Ongoing RDT&amp;E efforts include development and evaluation of procedures which (1) reduce or eliminate threats to the validity of the ASVAB test scores generated; (2) improve the efficiency of the test development, calibration, and validation process; and (3) improve selection and classification decisions made by each Service through more effective use of test score information.</p> |   |

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| <b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>  |   | Date: February 2005 |                |                |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
|--|---|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------------------|--------|--------|-------|-------|--------------------|-------|-------|-------|-------|--------------------------|---------------|---------------|---------------|---------------|-----------|--------|---|---|---|-------------------|---|--------|---|---|--------------------------|---|--------|---|---|--------------------|---|---|--------|--------|
| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6  | R-1 Item Nomenclature: R&D in Support of DoD<br>Enlistment, Testing and Evaluation, 0605803SE |                     |                |                |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
| <p>In addition, periodic assessments are required to provide DoD manpower planners and Congress with information on aptitude trends in the population from which recruits are drawn.</p> <p>Project 4: Federal Voting Assistance Program (FVAP): FY 2004 FVAP RDT&amp;E funding was executed by WHS, and the project has subsequently been cancelled. FY 2005 DHRA RDT&amp;E funding for FVAP has been realigned through a Below Threshold Reprogramming action to other high priority DHRA programs: both within BA 06 to Project 3 Testing, and to BA 05 DIMHRS.</p> <p><b>B. Program Change Summary:</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;"></th> <th style="text-align: center;"><u>FY 2004</u></th> <th style="text-align: center;"><u>FY 2005</u></th> <th style="text-align: center;"><u>FY 2006</u></th> <th style="text-align: center;"><u>FY 2007</u></th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget</td> <td style="text-align: center;">15.286</td> <td style="text-align: center;">10.598</td> <td style="text-align: center;">8.827</td> <td style="text-align: center;">9.103</td> </tr> <tr> <td>President's Budget</td> <td style="text-align: center;">8.566</td> <td style="text-align: center;">8.548</td> <td style="text-align: center;">8.853</td> <td style="text-align: center;">9.214</td> </tr> <tr> <td><b>Total Adjustments</b></td> <td style="text-align: center;"><b>-6.720</b></td> <td style="text-align: center;"><b>-2.050</b></td> <td style="text-align: center;"><b>+0.026</b></td> <td style="text-align: center;"><b>+0.111</b></td> </tr> <tr> <td>    Transfers</td> <td style="text-align: center;">-6.720</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>    B/T Reprogramming</td> <td style="text-align: center;">0</td> <td style="text-align: center;">-1.853</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>    Congressional Adjustment</td> <td style="text-align: center;">0</td> <td style="text-align: center;">-0.197</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>    Program Adjustment</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">+0.026</td> <td style="text-align: center;">+0.111</td> </tr> </tbody> </table> |   |                     |                |                | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> | Previous President's Budget | 15.286 | 10.598 | 8.827 | 9.103 | President's Budget | 8.566 | 8.548 | 8.853 | 9.214 | <b>Total Adjustments</b> | <b>-6.720</b> | <b>-2.050</b> | <b>+0.026</b> | <b>+0.111</b> | Transfers | -6.720 | 0 | 0 | 0 | B/T Reprogramming | 0 | -1.853 | 0 | 0 | Congressional Adjustment | 0 | -0.197 | 0 | 0 | Program Adjustment | 0 | 0 | +0.026 | +0.111 |
|  | <u>FY 2004</u>  | <u>FY 2005</u>      | <u>FY 2006</u> | <u>FY 2007</u> |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
| Previous President's Budget  | 15.286  | 10.598              | 8.827          | 9.103          |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
| President's Budget   | 8.566   | 8.548               | 8.853          | 9.214          |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
| <b>Total Adjustments</b>   | <b>-6.720</b>   | <b>-2.050</b>       | <b>+0.026</b>  | <b>+0.111</b>  |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
| Transfers  | -6.720  | 0                   | 0              | 0              |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
| B/T Reprogramming  | 0   | -1.853              | 0              | 0              |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
| Congressional Adjustment   | 0   | -0.197              | 0              | 0              |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |
| Program Adjustment   | 0   | 0                   | +0.026         | +0.111         |                |                |                |                |                             |        |        |       |       |                    |       |       |       |       |                          |               |               |               |               |           |        |   |   |   |                   |   |        |   |   |                          |   |        |   |   |                    |   |   |        |        |

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| <p>Change Summary Explanation: FY 2004 reflects Departmental transfer of FVAP RDT&amp;E funding from DHRA to Washington Headquarters Services for execution post-FY 2005 President's Budget. FY 2004 Program Adjustment reduced FVAP funding by \$0.020 million. FY 2005 reflects the FVAP RDT&amp;E funding below threshold realignment to other high-priority DHRA programs; both within BA 06 to Project 3 Testing, and to BA 05 DIMHRS, offset by Congressional reductions totaling -\$0.197; the DHRA pro-rata share of Defense-Wide (DW) FY 2005 Appropriations Act adjustments per Section 8095 Contract and Advisory Assistance Services (-\$0.101 million), Section 8122 Management Improvement (-\$0.032 million), and Section 8131 Set Asides (-\$0.064 million). Program adjustments increase program funding by \$0.026 million in FY 2006 and \$0.111 in FY 2007.</p> <p><b>C. Other Program Funding Summary:</b> not applicable</p> <p><b>D. Acquisition Strategy:</b> not required</p> <p><b>E. Performance Metrics:</b> not required</p> |   |                     |

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| Exhibit R-2a, RDT&E Project Justification   |         |         |         |  |         | Date: February 2005 |         |         |
|---|---------|---------|---------|--|---------|---------------------|---------|---------|
| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6   |         |         |         | Project Name and Number -<br>Defense Human Resources Activity, Project 1 |         |                     |         |         |
| Cost (\$ in millions)   | FY 2004 | FY 2005 | FY 2006 | FY 2007  | FY 2008 | FY 2009             | FY 2010 | FY 2011 |
| Project 1: Joint Service Training & Readiness System Development  | 3.765   | 3.728   | 3.898   | 4.053  | 4.132   | 4.245               | 4.352   | 4.461   |
| RDT&E Articles<br>Quantity - N/A  |         |         |         |  |         |                     |         |         |
| <p><b>A. Mission Description and Budget Item Justification:</b> The Joint Service programs were established by the Secretary of Defense to improve the training and readiness of the Active and Reserve Components. This project expedites the prototype development of new training and readiness technologies and Joint Service training and readiness systems, which improve the training and readiness effectiveness and enhance the performance of the military forces. It also facilitates the sharing of training and readiness information, while allowing for the transfer of emerging and innovative technologies among the Services and private sector. Efforts have included: development of mission essential tasks; design, development, and implementation of performance metrics, data, and methodologies for the Joint Assessment and Enabling Capability to guide Training Transformation and support the Department's balanced scorecard and Defense Readiness Reporting System; identified and defined joint urban training requirements, identified methods to conduct effective joint training, and determined best means to develop simulations, military construction, and other urban training facilities that meet Service, joint, and fiscal demands and requirements; developed joint training regimen requirements and investments ranging from the joint strategic level down to the joint tactical level for joint asymmetric warfare; and developed a joint stability and support operations training roadmap and investment plan for operations other than war including peace enforcement, peacekeeping, and humanitarian assistance.</p> |         |         |         |  |         |                     |         |         |

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| <b>Exhibit R-2a, RDT&amp;E Project Justification</b>   |         |  | Date: February 2005 |         |
| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6  |         | Project Name and Number -<br>Defense Human Resources Activity, Project 1 |                     |         |
|  | FY 2004 | FY 2005  | FY 2006             | FY 2007 |
| Accomplishment/<br>Effort/Subtotal Cost  | 3.765   | 3.728  | 3.898               | 4.053   |
| RDT&E Articles Quantity - N/A  |         |  |                     |         |
| <p><b>B. Accomplishments/Planned Program</b></p> <ul style="list-style-type: none"> <li>• Provide support to the Joint Knowledge Development and Distribution Capability for ADL prototype development based on requirements from the Joint Staff and Combatant Commanders that support joint, interagency and coalition training communities</li> <li>• Support prototype development, assessment and application of DoD's Knowledge Management Systems and Portals</li> <li>• Develop training and readiness transformation strategies to implement wide-ranging change in training processes and infrastructure</li> <li>• Continue development of mission essential tasks</li> <li>• Advance the live, virtual, and constructive simulation training baseline to include developmental systems and visionary views to compose trends and assess macro-functionality in the context of Joint Vision 2020 (JV2020)</li> <li>• Examine and assess future learning technology requirements for Joint Vision 2020 to develop policies and resources capitalizing on the next-leap in technology (embedded intelligence, linked/seamless exchange of learning experiences to include immersive and virtual)</li> <li>• Assess and refine the DoD training strategy for the Services, combatant commands and Defense Agencies</li> <li>• Develop methodology for force capability and like kind substitutions and trade-offs</li> </ul> |         |  |                     |         |

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| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6  | Project Name and Number -<br>Defense Human Resources Activity, Project 1 |                     |
| <ul style="list-style-type: none"> <li>• Revise and expand the existing suite of Joint Training System (JTS) tools and metrics to enhance the capability of joint training and readiness assessments with the long-range goal of embedding automated performance assessment capabilities in operational software and data systems linked to Defense Readiness Reporting System (DRRS)</li> <li>• Using the current JTS as a baseline, conduct analyses of current and emerging operational requirements of Combatant Commanders, Training Transformation Joint Management Offices, and other stakeholders to identify major system improvement opportunities</li> <li>• Develop a synchronized and unified process model depicting the desired enhanced JTS capabilities</li> <li>• Develop a process model to assist in the integration of the Adaptive Planning process into JTS</li> </ul> <p>C. <b>Other Program Funding Summary:</b> not applicable</p> <p>D. <b>Acquisition Strategy:</b> not required</p> |  |                     |

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| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6 |                  |   |                    | Project Name and Number -<br>Defense Human Resources Activity, Project 1 |                |                |               |
| <b>E. Major Performers:</b>                               |                  |   |                    |  |                |                |               |
| FFRDCs: N/A   |                  |   |                    |  |                |                |               |
|   |                  |   |                    | <u>Amount:\$M</u>  |                |                |               |
|   |                  |   |                    | <u>FY 2004</u>   | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY2007</u> |
| <u>Contractors:</u>                                       | <u>Location:</u> | <u>Description</u>  | <u>Estimated</u>   |  |                |                |               |
|   |                  | <u>Of Work:</u>   | <u>Award Date:</u> |  |                |                |               |
| Northrup<br>Grumman                                       | Fairfax, VA      | Analysis and<br>Readiness<br>Assessment.<br>War planning<br>assumptions<br>for munitions.     | March 2003         | 1.175  | 1.175          | 1.175          | 1.175         |
| SRS Technologies  |                  | Training Range Issues<br>Protecting overseas<br>training ranges.                              |                    | 1.050  | 1.050          | 1.050          | 1.050         |
| Booze Allen & Hamilton                                    |                  | Analytical Support for<br>Training Bases.<br>Reserve Component DL<br>Compensation Alternative |                    | 0.700  | 0.700          | 0.700          | 0.700         |

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| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6   |         |         |         | Project Name and Number -<br>Defense Human Resources Activity, Project 2 |         |                     |         |         |
| Cost (\$ in millions)   | FY 2004 | FY 2005 | FY 2006 | FY 2007  | FY 2008 | FY 2009             | FY 2010 | FY 2011 |
| Project 2: Defense Training Resource Analysis   | 2.970   | 2.932   | 3.098   | 3.227  | 3.291   | 3.379               | 3.466   | 3.552   |
| RDT&E Articles Quantity - N/A   |         |         |         |  |         |                     |         |         |
| <p><b>A. Mission Description and Budget Item Justification:</b> This project supports DHRA and DoD training managers (OSD, Joint Staff, Unified Commands, and the Services) in promoting more efficient and effective use of training resources, increasing the effectiveness of military training, and enhancing the readiness and performance of the military forces. Projects analyze the contributions to readiness of various training techniques and programs and use the results to expedite new training concepts and procedures that increase unit effectiveness or decrease costs. Emphasis is placed on developing analytical tools and systematic methodologies to improve training resource allocations.</p> |         |         |         |  |         |                     |         |         |
| <p><b>B. Accomplishments/Planned Program:</b></p>   |         |         |         |  |         |                     |         |         |
|   | FY 2004 | FY 2005 | FY 2006 | FY 2007  |         |                     |         |         |
| Accomplishment/<br>Effort/Subtotal Cost   | 2.970   | 2.932   | 3.098   | 3.227  |         |                     |         |         |
| RDT&E Articles Quantity - N/A   |         |         |         |  |         |                     |         |         |
| <ul style="list-style-type: none"> <li>• Provide analytical support to address sustainability of training ranges strategy to protect range capability to support needed testing and training</li> <li>• Develop comprehensive strategy to address near-term range encroachments that threaten DoD's ability to test and train as required</li> <li>• Develop recommendations on ways JSIMS and supporting tools can be integrated into the Joint Experimentation process</li> </ul>   |         |         |         |  |         |                     |         |         |

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| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6  | Project Name and Number -<br>Defense Human Resources Activity, Project 2 |                     |
| <ul style="list-style-type: none"> <li>• Continue integration of next-generation training simulation tools into joint and interoperability training</li> <li>• Continue development of Phase IV, JTIMS prototype readiness and training assessment tools</li> <li>• Assess the costs and benefits of establishing standing Joint Task Forces (JTFs) in the combatant commands</li> <li>• Inventory encroachment problems facing training ranges across the Department; assess the contribution of the Service efforts and existing Department efforts to deal with encroachment; and assist in developing an Office of the Secretary of Defense (OSD) agenda to deal with the problems across the Military Departments</li> <li>• Develop and refine a future Department of Defense (DoD) training strategy and roadmap congruent with JV2020 and the Combined Joint Chiefs of Staff's Joint Training System</li> <li>• Develop an information management approach that captures and maintains Service-identified training range requirements, and evaluates the adequacy of existing training resources to meet these requirements</li> <li>• Develop an information management baseline to support the DoD sustainable ranges initiative agenda, and to oversee and manage encroachment issues across OSD, the military departments, and stakeholders outside of DoD</li> <li>• Analyze and recommend improved approaches for compatible land use and buffer zone creation to increase range sustainability</li> <li>• Develop strategy to sustain ranges including legislative/regulatory, outreach, policy, organization, and programming as part of an overall response to address the most critical encroachment issues</li> <li>• Conduct encroachment assessment and planning to sustain overseas ranges in concert with comprehensive planning being done for Continental United States (CONUS) ranges</li> </ul> |  |                     |

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| <ul style="list-style-type: none"> <li>• Develop Sustainable Ranges Working IPT (WIPT)-approved analysis approach and initiated OSD study of range information system capabilities to develop a current capabilities baseline, identify best practices, analyze gaps, and recommend common solutions</li> <li>• Initiate development of an overseas range inventory baseline, WIPT overseas action plan, and supporting overseas region/theater case studies</li> <li>• Define and reach consensus on FY 2005 OSD-Service-sponsored DoD range buffer zone projects</li> <li>• Support development, submission, promotion and tracking of FY 2005 Readiness and Range Preservation Initiative Legislation to Congress</li> <li>• Develop and coordinate DoD sustainable range and operational range clearances, and outreach policy</li> <li>• Develop Sustainable Range funding tracking mechanism and supported WIPT late-summer review of Service budgets</li> <li>• Investigate various methodologies to improve DoD involuntary access to Reserve Component units and/or individual members for the purpose of individual or collective skill training required to meet deployment standards and timelines</li> <li>• Examine and use various options for compensating Reserve component personnel who complete electronic distribution learning courses and develop suggested methods for standardizing the level of compensation awarded for various training and educational curricula</li> <li>• Develop various methodologies for assessing the true economic impact of mobilization on Reserve component members and their families</li> </ul> <p><b>C. Other Program Funding Summary:</b> not applicable</p> <p><b>D. Acquisition Strategy:</b> not required</p> <p><b>E. Major Performers:</b> n/a</p> |  |                     |

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|   |         |         |         |  |         |                     |         |         |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |
|---|---------|---------|---------|--|---------|---------------------|---------|---------|--|---------|---------|---------|---------|--------------------------------------|-------|-------|-------|-------|-------------------------------|--|--|--|--|
| <b>Exhibit R-2a, RDT&amp;E Project Justification</b>  |         |         |         |  |         | Date: February 2005 |         |         |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |
| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6   |         |         |         | Project Name and Number -<br>Defense Human Resources Activity, Project 3 |         |                     |         |         |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |
| Cost (\$ in millions)   | FY 2004 | FY 2005 | FY 2006 | FY 2007  | FY 2008 | FY 2009             | FY 2010 | FY 2011 |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |
| Project 3: DoD<br>Enlistment<br>Processing & Testing  | 1.831   | 1.888   | 1.857   | 1.934  | 1.972   | 2.026               | 2.077   | 2.129   |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |
| RDT&E Articles<br>Quantity - N/A  |         |         |         |  |         |                     |         |         |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |
| <p><b>A. Mission Description and Budget Item Justification:</b> The primary mission of DoD Enlistment Processing and Testing is to test and implement more accurate methods of assessing aptitudes required for military enlistment, success in training, and performance on the job. Also, it includes implementing methods that are useful in the identification of persons with the high aptitudes required by today's smaller and technically more demanding military.</p> <p><b>B. Accomplishments/Planned Program:</b></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <tr> <td></td> <td style="text-align: center;">FY 2004</td> <td style="text-align: center;">FY 2005</td> <td style="text-align: center;">FY 2006</td> <td style="text-align: center;">FY 2007</td> </tr> <tr> <td>Accomplishment/ Effort/Subtotal Cost</td> <td style="text-align: center;">1.831</td> <td style="text-align: center;">1.888</td> <td style="text-align: center;">1.857</td> <td style="text-align: center;">1.934</td> </tr> <tr> <td>RDT&amp;E Articles Quantity - N/A</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p><u>DoD Enlistment Testing Program (ETP)</u></p> <ul style="list-style-type: none"> <li>• Test new Windows version of CAT-ASVAB and determine operational readiness of the new software</li> <li>• Start coordination process necessary for implementation of new score scale (Norms) for the ETP</li> <li>• Implement procedures for the detection of test compromise</li> <li>• Resolve remaining technical issues associated with new tests developed from on-line item calibration procedures</li> <li>• Begin examination of new tests of spatial reasoning given Service approval and beginning of validity work</li> </ul> |         |         |         |  |         |                     |         |         |  | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Accomplishment/ Effort/Subtotal Cost | 1.831 | 1.888 | 1.857 | 1.934 | RDT&E Articles Quantity - N/A |  |  |  |  |
|   | FY 2004 | FY 2005 | FY 2006 | FY 2007  |         |                     |         |         |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |
| Accomplishment/ Effort/Subtotal Cost  | 1.831   | 1.888   | 1.857   | 1.934  |         |                     |         |         |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |
| RDT&E Articles Quantity - N/A   |         |         |         |  |         |                     |         |         |  |         |         |         |         |                                      |       |       |       |       |                               |  |  |  |  |

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| <b>Exhibit R-2a, RDT&amp;E Project Justification</b>   |  | Date: February 2005 |
| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6  | Project Name and Number -<br>Defense Human Resources Activity, Project 3 |                     |
| <ul style="list-style-type: none"> <li>• Continue research line use of multidimensional CAT scoring procedures</li> <li>• Complete study designed to examine feasibility for implementation of new computer system for CAT in Selected Military Entrance Test (MET) and all Military Entrance Processing Stations (MEPS)</li> <li>• Complete development of the prototype of the Internet Version of CAT-ASVAB</li> <li>• Begin study design of the effectiveness of the new verification testing system used with CAT-ASVAB</li> </ul> <p><u>DoD Student Testing Program (STP)</u></p> <ul style="list-style-type: none"> <li>• Develop prototype of an Internet CAT-ASVAB system</li> <li>• Develop a new Career Exploration Program (CEP) Web Site</li> <li>• Implement new materials and publish new technical manual</li> <li>• Begin trials of on-line internet testing in the nation's high schools</li> <li>• Implement new evaluation of the Student Testing Program</li> <li>• Implement occupational linkages to O*NET</li> <li>• Finalize development of new normative information and score scale for the interest-finder and aptitude norms for the ASVAB</li> <li>• Implement a fully functional CEP web site</li> <li>• Implement occupational linkages to O*NET to CEP web site</li> <li>• Continue research line into use of multidimensional CAT scoring procedures</li> </ul> <p><b>C. Other Program Funding Summary:</b> not applicable</p> <p><b>D. Acquisition Strategy:</b> not required</p> |  |                     |

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| <b>Exhibit R-2a, RDT&amp;E Project Justification</b>      |                   | Date: February 2005   |                    |                |                |                |               |
| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6 |                   | Project Name and Number -<br>Defense Human Resources Activity, Project 3  |                    |                |                |                |               |
| <b>E. Major Performers:</b>                               |                   |   |                    |                |                |                |               |
| FFRDCs: none  |                   |   |                    |                |                |                |               |
|   |                   | <u>Amount:\$M</u>   |                    |                |                |                |               |
| <u>Contractors:</u>                                       | <u>Location:</u>  | <u>Description</u>  | <u>Estimated</u>   | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY2007</u> |
|   |                   | <u>Of Work:</u>   | <u>Award Date:</u> | 1.159          | 1.159          | 1.159          | 1.159         |
| HumRRO  | Alexandria,<br>VA | - Verification of Testing Software<br>- Evaluate CAT-ASVAB Testing in<br>Non-MEPS Location<br>- Item Writing for Future versions of ASVAB<br>- Career Exploration Program Interest Inventory<br>- CAT-ASVAB software and tech support |                    |                |                |                |               |

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| Exhibit R-2a, RDT&E Project Justification   |         |         |  | Date: February 2005 |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
|---|---------|---------|--|---------------------|--------|--------|--------|--------|--|---------|---------|---------|---------|--------------------------------------|---|---|---|---|-------------------------------|--|--|--|--|
| Appropriation/Budget Activity<br>RDT&E, Defense-wide BA 6   |         |         | Project Name and Number -<br>Defense Human Resources Activity, Project 4 |                     |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| Cost (\$ in millions)   | FY2004  | FY2005  | FY2006   | FY2007              | FY2008 | FY2009 | FY2010 | FY2011 |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| Project 4: Federal Voting Assistance Program  | 0       | 0       | -  | -                   | -      | -      | -      | -      |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| RDT&E Articles Quantity - N/A   |         |         |  |                     |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| <p><b>A. Mission Description and Budget Item Justification:</b> This program supports the Under Secretary of Defense (Personnel and Readiness) to administer the Uniformed and Overseas Citizens Absentee Voting Act, 42 USC 1973ff (UOCAVA); Title XVI of the National Defense Authorization Act of 2002 and portions of the Help America Vote Act of 2002. The UOCAVA covers the voting rights of all members of the Uniformed Services, merchant marine, their family members and all other U.S. citizens outside the United States. The program has oversight responsibility for the Military Departments, including the Coast Guard and the Commissioned Corps of the Public Health Service and the National Oceanic and Atmospheric Administration, DoD Agencies and Federal Executive Branch Departments and Agencies.</p> |         |         |  |                     |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| <p><b>B. Accomplishments/Planned Program:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2004</th> <th style="text-align: center;">FY 2005</th> <th style="text-align: center;">FY 2006</th> <th style="text-align: center;">FY 2007</th> </tr> </thead> <tbody> <tr> <td>Accomplishment/ Effort/Subtotal Cost</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>RDT&amp;E Articles Quantity - N/A</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>   |         |         |  |                     |        |        |        |        |  | FY 2004 | FY 2005 | FY 2006 | FY 2007 | Accomplishment/ Effort/Subtotal Cost | 0 | 0 | - | - | RDT&E Articles Quantity - N/A |  |  |  |  |
|   | FY 2004 | FY 2005 | FY 2006  | FY 2007             |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| Accomplishment/ Effort/Subtotal Cost  | 0       | 0       | -  | -                   |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| RDT&E Articles Quantity - N/A   |         |         |  |                     |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| <p>FY 2004 funding (\$6.700K) was executed by WHS, and the program cancelled during FY 2004. FY 2005 funding (\$1.853K) has been realigned to other priority DHRA programs.</p>   |         |         |  |                     |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| <p><b>C. Other Program Funding Summary:</b> N/A</p>   |         |         |  |                     |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| <p><b>D. Acquisition Strategy:</b> N/A</p>  |         |         |  |                     |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |
| <p><b>E. Major Performers:</b> N/A</p>  |         |         |  |                     |        |        |        |        |  |         |         |         |         |                                      |   |   |   |   |                               |  |  |  |  |