

Exhibit R-2a, RDT&E Project Justification

Date: February 2005

APPROPRIATION/BUDGET ACTIVITY	PROJECT NAME AND NUMBER:
RDT&E, Defense-Wide/Advanced Technology Development - BA 3 0603160BR	Project BK- Counterforce

- Conduct the Tunnel Target Defeat Advanced Concept and Technology Demonstration(s) (ACTD) Full-Scale tunnel defeat demonstration using high explosives to simulate a low yield nuclear weapon ground shock environment at Department of Energy's Nevada Test Site.
- Deliver validated analysis and planning tools to conduct the end-to-end use of nuclear planning tools to characterize and "weaponer" the full-scale Tunnel Target Defeat Advanced Concept and Technology Demonstration(s) (ACTD) event.
- Provide Military Utility Assessment on the overall performance of the Advanced Concept and Technology Demonstration(s) (ACTD) and transition the updated planning capabilities to USSTRATCOM.
- Prepare final program documentation and reports for Tunnel Target Defeat Advanced Concept and Technology Demonstration(s) (ACTD) program
- Begin transition of improved tunnel ground shock defeat planning tools to USSTRATCOM

FY 2007 Plans

- Provide sustaining support and training for TB Advanced Concept and Technology Demonstration(s) (ACTD) residual weapons.
- Conduct GBU-27 demonstration with Bomb Live Unit (BLU)-121/B warhead.
- Provide transition support of improved nuclear planning tools to USSTRATCOM
- Complete IMPACT Advanced Technology Demonstration
- Start Hard and Deeply Buried Target Weapons Effects Sensor/Transmitter (HBDT WEST) Advanced Concept and Technology Demonstration(s) (ACTD)

C. Other Program Funding Summary: N/A

D. Acquisition Strategy: N/A

F. Major Performer:

Cost (\$ in millions)	FY 2004	FY 2005	FY 2006	FY 2007
Global Strike Integration Technologies	0	0	3.3	3.3

FY 2004 Accomplishments

FY 2005 Plans

FY 2005 plans are captured under WMD Counterforce Applications