

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							June 2001			
BUDGET ACTIVITY 4 - DEM/VAL			PE NUMBER AND TITLE 0603627A - Smoke, Obscurity and Target Defeating Sys AD							
COST (In Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	0	0	0	0	0	0	0	0	0	0
E78 TARGET DEFEATING SYS	0	0	0	0	0	0	0	0	0	0
E79 SMOKE/OBSCURANT SYSTEM	0	0	0	0	0	0	0	0	0	0

A. Mission Description and Budget Item Justification:

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

U.S. Forces must be able to defeat target acquisition, weapon guidance systems, and surveillance sensors across the electro-optical spectrum. These program elements support the demonstration/validation of high performance obscuration materials and systems to increase the survivability of the combined armed forces and to complement weapons systems. These programs develop systems to provide large area and projected obscuration across the spectrum from visual through infrared and millimeter wavelength radar. The technologies supported by this program enhance obscuration systems as combat multipliers. Systems developed support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

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ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)							June 2001				
BUDGET ACTIVITY 4 - DEM/VAL				PE NUMBER AND TITLE 0603627A - Smoke, Obscurity and Target Defeating Sys AD				PROJECT E78			
COST (In Thousands)		FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
E78 TARGET DEFEATING SYS		0	0	0	0	0	0	0	0	0	0
<p>A. Mission Description and Budget Item Justification:U.S. Forces must be able to defeat target acquisition, weapon guidance systems, and surveillance sensors across the electro-optical spectrum. These program elements support the demonstration/validation of high performance obscuration materials and systems to increase the survivability of the combined armed forces and to complement weapons systems. These programs develop systems to provide large area and projected obscuration across the spectrum from visual through infrared and millimeter wavelength radar. The technologies supported by this program enhance obscuration systems as combat multipliers. Distant smoke and obscuration developmental efforts will concentrate on the ability to place obscuration on threat forces. Instead of traditional self-defense procedures, this technology will transfer the visibility defeating materials directly to the threat. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).</p> <p><u>FY 2000 Accomplishments</u> No funds provided</p> <p><u>FY 2001 Planned Program</u> No funds provided</p>											

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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; padding: 5px;"><u>B. Other Program Funding Summary</u></th> <th style="text-align: center; padding: 5px;">FY 2000</th> <th style="text-align: center; padding: 5px;">FY 2001</th> <th style="text-align: center; padding: 5px;">FY 2002</th> <th style="text-align: center; padding: 5px;">FY 2003</th> <th style="text-align: center; padding: 5px;">FY 2004</th> <th style="text-align: center; padding: 5px;">FY 2005</th> <th style="text-align: center; padding: 5px;">FY 2006</th> <th style="text-align: center; padding: 5px;">FY 2007</th> <th style="text-align: center; padding: 5px;">To Compl</th> <th style="text-align: center; padding: 5px;">Total Cost</th> </tr> <tr> <td style="padding: 5px;">RDTE, A, Budget Activity 2, PE 0602622A, Project A552</td> <td style="text-align: center; padding: 5px;">3573</td> <td style="text-align: center; padding: 5px;">3497</td> <td style="text-align: center; padding: 5px;">3561</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> </tr> </table>											<u>B. Other Program Funding Summary</u>	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost	RDTE, A, Budget Activity 2, PE 0602622A, Project A552	3573	3497	3561	0	0	0	0	0	0	0					
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RDTE, A, Budget Activity 2, PE 0602622A, Project A552	3573	3497	3561	0	0	0	0	0	0	0																											
<u>C. Acquisition Strategy:</u> Project E78 - Smoke/Obscurant and Target Defeat: The Distant Smoke System (DSS) will begin System Development & Demonstration in FY2003. The effort will be a combined in-house and competitive contract program.																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; padding: 5px;"><u>D. Schedule Profile</u></th> <th style="text-align: center; padding: 5px;">FY 2000</th> <th style="text-align: center; padding: 5px;">FY 2001</th> <th style="text-align: center; padding: 5px;">FY 2002</th> <th style="text-align: center; padding: 5px;">FY 2003</th> <th style="text-align: center; padding: 5px;">FY 2004</th> <th style="text-align: center; padding: 5px;">FY 2005</th> <th style="text-align: center; padding: 5px;">FY 2006</th> <th style="text-align: center; padding: 5px;">FY 2007</th> </tr> <tr> <td style="padding: 5px;">DSS - Milestone B, Program initiation</td> <td></td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</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 style="padding: 5px;">DSS - Initiate RDTE competitive contract planning</td> <td></td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </table>											<u>D. Schedule Profile</u>	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	DSS - Milestone B, Program initiation				0	0	0	0	0	DSS - Initiate RDTE competitive contract planning				0	0	0	0	0
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ARMY RDT&E COST ANALYSIS(R-3)									June 2001			
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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . DSS - Initiate contract planning	In-house	SBCCOM, APG, MD	0	0		0		0	0	0	0	0
Subtotal:			0	0		0		0		0	0	0
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0	0		0		0		0	0	0

ARMY RDT&E COST ANALYSIS(R-3)									June 2001			
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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
			0	0		0		0		0	0	0
Subtotal:												
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . DSS - Program management	In house	SBCCOM, APG, MD	0	0		0		0	0	0	0	0
			0	0		0		0		0	0	0
Subtotal:												
Project Total Cost:			0	0		0		0		0	0	0