

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE February 2003	
BUDGET ACTIVITY 05 - System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604602F Armament/Ordnance Development					
COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	6,753	8,939	8,419	8,374	6,976	6,557	2,413	2,617	Continuing	TBD
3133 Bombs & Fuzes	5,538	7,603	7,033	6,954	5,543	5,098	933	1,012	Continuing	TBD
4696 Armament Standardization Program	1,082	1,201	1,249	1,278	1,288	1,308	1,327	1,439	Continuing	TBD
5613 Containers	133	135	137	142	145	151	153	166	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	Continuing	TBD
<p>In FY02, Hard Target Smart Fuze (HTSF) received \$3.0M as part of the Defense Emergency Relief Fund (DERF). Funding was used to support the engineering and manufacturing development effort of the HTSF program in support of OPERATION ENDURING FREEDOM. This funding is not reflected in the FY02 program total.</p> <p>(U) <u>A. Mission Description</u></p> <p>The Armament Ordnance Development program provides for initial and continuing development of munition equipment for support and operational use.</p> <p>Bombs and Fuzes: This project develops and improves conventional bombs and fuzes. It currently includes the development of the Hard Target Smart Fuze (HTSF) and Insensitive Munitions (IM), an explosive fill for MK-80 series bombs to make these weapons insensitive to unplanned stimuli.</p> <p>Armament Standardization/Control/Munitions Material Handling Equipment (MMHE): This continuing project develops and improves the standardization and commonality of munitions handling and armament equipment to preclude duplication. This project's efforts are limited to the study, design, and development, of MMHE and armament control systems. Procurement will be performed and funded by the applicable weapons system project.</p> <p>Containers: This project funds the operation of the tri-service Container Design Retrieval System (CDRS). This maintains a container database to preclude proliferation and duplication of munitions containers. It also supports organic container design, acquisition transportation, prototyping, testing capabilities, as well as the Joint Ordnance Commander's Working Group (JOCG) for Packaging, Handling, and Loading.</p>										

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DATE

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BUDGET ACTIVITY

05 - System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604602F Armament/Ordnance Development(U) **B. Budget Activity Justification**

This program is in budget activity 5 - System Demonstration and Development because the projects support the SDD phase of several munitions related items and functions.

(U) **C. Program Change Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Total Cost</u>
(U) Previous President's Budget	3,800	9,160	19,306	TBD
(U) Appropriated Value	3,838	9,160		TBD
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions	-38	-96		TBD
b. Small Business Innovative Research	-124			TBD
c. Omnibus or Other Above Threshold Reprogram				TBD
d. Below Threshold Reprogram	3,110	-125		TBD
e. Rescissions	-33			TBD
(U) Adjustments to Budget Years Since FY 2003 PBR			-10,887	
(U) Current Budget Submit/FY 2004 PBR	6,753	8,939	8,419	TBD

(U) **Significant Program Changes:**

FY04: \$10.9M reduction due to Bombs and Fuzes project program changes.

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BUDGET ACTIVITY 05 - System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604602F Armament/Ordnance Development					PROJECT 3133	
COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost	
3133 Bombs & Fuzes	5,538	7,603	7,033	6,954	5,543	5,098	933	1,012	Continuing	TBD	
<p>In FY02, Hard Target Smart Fuze (HTSF) received \$3.0M as part of the Defense Emergency Relief Fund (DERF). Funding was used to support the engineering and manufacturing development effort of the HTSF program in support of OPERATION ENDURING FREEDOM. This funding is not reflected in the FY02 program total.</p> <p>(U) <u>A. Mission Description</u></p> <p>There are three subprojects in the Bombs and Fuzes project: (1) Hard target Smart Fuze (HTSF) is a layer counting and void sensing fuze that will be used with air-to-ground penetrator weapons. (2) Joint Programmable Fuze (JPF) enables the fuze settings to be changed from the aircraft, optimizing the performance of the weapon by matching the fuze setting with the target selected. JPF was developed primarily for JDAM and funded by the JDAM program (PE 0604618). This project funds the integration of JPF on other AF legacy weapons. (3) Insensitive Munitions (IM) develops an explosive fill and bomb case modification to make conventional weapons insensitive to unplanned stimuli as given in MIL-STD-2105B.</p> <p>This program is in budget activity 5 - System Demonstration and Development because the projects support the SDD phase of several munitions related items and functions.</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u></p> <p>(U) \$0 Accomplishments/Planned Program</p> <p>(U) \$3,408 Continue the development of HTSF.</p> <p>(U) \$2,130 Begin Insensitive Munitions (IM) development effort. Continue reformulation development of insensitive explosive fill. Perform small-scale Sensitivity and Qualification Testing and conduct the Booster Study Test and small-scale performance testing.</p> <p>(U) \$5,538 Total</p> <p>(U) <u>FY 2003 (\$ in Thousands)</u></p> <p>(U) \$0 Accomplishments/Planned Program</p> <p>(U) \$1,849 Complete HTSF Developmental Test and Evaluation (DT&E)</p> <p>(U) \$300 Support HTSF Operational Utility Evaluation</p> <p>(U) \$5,454 Continue Insensitive Munitions (IM) development effort. Conduct lab level performance tests, environmental tests, bomb case development performance tests, and prototype booster reliability tests.</p> <p>(U) \$7,603 Total</p>											
<div style="display: flex; justify-content: space-between;"> Project 3133 Page 3 of 14 Pages Exhibit R-2A (PE 0604602F) </div>											

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BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)**0604602F Armament/Ordinance Development****3133**(U) **A. Mission Description Continued**(U) FY 2004 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Program

(U) \$950 Integrating the JPF on legacy weapons and complete residual tasks on HTSF development.

(U) \$2,542 Formulate IM explosive development fill.

(U) \$3,541 Conduct bomb case study and comparative testing

(U) \$7,033 Total

(U) **B. Project Change Summary**

None.

(U) **C. Other Program Funding Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) Hard Target Smart Fuze (HTSF) procurement funded by Defense Threat Reduction Agency (DTRA)	3,570	8,850	9,170	2,400	0	0	0	0	0	23,990
(U) Procurement of Ammunition (AF), WRM	0	0	4,200	4,200	0	0	0	0	0	8,400

(U) **D. Acquisition Strategy**

The Hard Target Smart Fuze (HTSF) Acquisition Strategy was full and open competition for the EMD program with production options to meet performance specification requirements for current and future Hard Target munitions. The HTSF will be compatible with threshold weapons GBU-24, GBU-27, and GBU-28, and future hard target munitions, while providing increased reliability and emphasis on life cycle management. The HTSF program was augmented with Defense Threat Reduction Agency (DTRA) funding and requirements for additional HTSF applications and follow-on fuze procurement. JPF acquisition strategy was full and open competition for EMD with production options to perform specifications requirements for current and future munitions using the JPF. JPF will replace most legacy fuzes, including the FMU-139 and FMU-143. Acquisition strategy for Insensitive Munition is a competitive award for two contractors for concept technology development, then downselect to one contractor for weapon qualification test.

(U) **E. Schedule Profile**FY 2002FY 2003FY 2004

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)										DATE February 2003		
BUDGET ACTIVITY 05 - System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604602F Armament/Ordnance Development					PROJECT 3133		
(U) <u>E. Schedule Profile Continued</u>												
		<u>FY 2002</u>				<u>FY 2003</u>				<u>FY 2004</u>		
	1	2	3	4	1	2	3	4	1	2	3	4
(U)	HARD TARGET SMART FUZE (HTSF)											
(U)	Complete HTSF Detailed Design											
(U)	Start DT&E											
(U)	Complete DT&E											
(U)	First Article Acceptance Test (FAAT)											
(U)	Operational Utility Evaluation (OUE)											
(U)	Complete FCA**											
(U)	JOINT PROGRAMMABLE FUZE (JPF)											
(U)	Start JPF Integration/test on legacy wpns											
(U)	INSENSITIVE MUNITIONS (IM)											
(U)	Start IM Lethality Feasibility Study											
(U)	Start IM Fill Development											
(U)	Start Small-scale Sensitivity/Qual Testing											
(U)	IM Bomb Case Study/Test											
(U)	Start Small-scale Performance Testing											
(U)	IM System Integration/Weapons Qual											
* = Event occurred												
X = Event planned												
** One year slip of FCA for HTSF is because the HTSF program was delayed due to two factors: (1) At government's request, the contractor diverted technical personnel and resources for developing, testing and producing the fuze for CALCM (HTSF fuze w/partial capability), and (2) technical and cost/funding problems with the HTSF fuze.												

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2003			
BUDGET ACTIVITY				PE NUMBER AND TITLE					PROJECT	
05 - System Development and Demonstration (SDD)				0604602F Armament/Ordnance Development					3133	
(U) <u>A. Project Cost Breakdown (\$ in Thousands)</u>										
						FY 2002	FY 2003		FY 2004	
(U)	Contractor Total					2,071	3,771		1,000	
(U)	Government					821	2,611		3,433	
(U)	Testing					1,463	110		1,579	
(U)	Contractor support					590	777		802	
(U)	Management support					593	334		219	
(U)	Total					5,538	7,603		7,033	
(U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u>										
(U) <u>Performing Organizations:</u>										
<u>Contractor or</u>	<u>Contract</u>									
<u>Government</u>	<u>Method/Type</u>	<u>Award or</u>	<u>Performing</u>	<u>Project</u>						
<u>Performing</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Activity</u>	<u>Office</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 2002</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Complete</u>	<u>Program</u>
<u>Product Development Organizations</u>										
Alliant (HTSF)	C/CPIF	Aug 98	22,232	22,232	17,863	2,071	1,720	0	Continuing	TBD
Air Force Research Lab/MN (IM)	In-house	N/A	2,475	2,475	0	275	2,427	1,300	Continuing	TBD
AAC/WMG	In-house	N/A	300	300	0	0	0	0	Continuing	TBD
IM Contractor TBD	CPFF	Mar 03	TBD	TBD	0	0	2,057	1,000	Continuing	TBD
<u>Support and Management Organizations</u>										
HTSF TEAS/ TEAMS	Various	Various	N/A	N/A	2,150	287	220	0	Continuing	TBD
AAC/WG (Fuzes)	Various	Various	N/A	N/A	2,554	675	149	950	Continuing	TBD
AAC/WMG (IM)	In-house	N/A	N/A	N/A	0	335	363	1,402	Continuing	TBD
IM TEAS/TAMS	Various	Various	N/A	N/A	0	260	557	802	Continuing	TBD
<u>Test and Evaluation Organizations</u>										
46th Test HTSF	Various	Mar 94	N/A	N/A	1,575	289	60	0	Continuing	TBD
MK-84 IM Tech	In-house	N/A	N/A	N/A	0	1,346	50	1,579	Continuing	TBD
Project 3133										
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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)					DATE February 2003	
BUDGET ACTIVITY			PE NUMBER AND TITLE			PROJECT
05 - System Development and Demonstration (SDD)			0604602F Armament/Ordnance Development			3133
	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
	<u>to FY 2002</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Complete</u>	<u>Program</u>
<u>Subtotals</u>						
Subtotal Product Development	17,863	2,346	6,204	2,300	TBD	TBD
Subtotal Support and Management	4,704	1,557	1,289	3,154	TBD	TBD
Subtotal Test and Evaluation	1,575	1,635	110	1,579	TBD	TBD
Total Project	24,142	5,538	7,603	7,033	TBD	TBD

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BUDGET ACTIVITY

05 - System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604602F Armament/Ordnance Development

PROJECT

4696

COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
4696 Armament Standardization Program	1,082	1,201	1,249	1,278	1,288	1,308	1,327	1,439	Continuing	TBD

(U) **A. Mission Description**

Armament Standardization/Control/Munitions Material Handling Equipment (MMHE): This continuing project develops and improves the standardization and commonality of improved munitions handling and armament equipment to preclude duplication and proliferation. This project's efforts are limited to the study, design, and development of MMHE and armament control systems. Procurement will be performed and funded by the applicable weapons system project.

This program is in budget activity 5 - System Demonstration and Development because the projects support the SDD phase of several munitions related items and functions.

(U) **FY 2002 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program

(U) \$1,082 Design, prototype, and test various MMHE projects, i.e., COMPLETE: Aluminum Rail Set, T-2 Pallet Locking Device, Munitions Assembly Conveyor (MAC) Dolly-Stop Redesign, F-16 Pylon/Launcher Storage Stand, Missile-Munitions Loading Adapter (MMLA) Actuator Redesign, Practice Bomb Transport Module, AIM-9 Assembly Stand Redesign, and the Ram Adapter Plate. CONTINUE: B-1B Launcher-Module Storage Unit, AIM-120 Radome Cover, JASSM Handling Adapters, Ammo Loader Replenisher Upgrade, 5,000-lb Rubber Roller, B-2 Preload Adapter Analysis, B-52 Yoke Stand/Lift Beam, and other projects as determined by HQ ACC/LGW and/or Weapon System Program offices.

(U) \$1,082 Total

(U) **FY 2003 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program

(U) \$1,201 Design, prototype, and test various MMHE projects, i.e., COMPLETE: B-1B Launcher-Module Stand, B-52 Yoke Stand/Lift Beam, Ammo Loader Replenisher Upgrade, Ammo Loader Test Fixture, AIM-120 Radome Cover, ISO Container Stand, and B-2 Preload Adapter Analysis. CONTINUE: B-52 Launcher Hydraulic Power Unit and 5,000-lb Rubber Roller. INITIATE: MAC Upgrade, B-52 Mine Loading Adapter, Alternate Mission Equipment (AME) Mobility Rack, LAU-106 Maintenance Stand, Triple Ejector Rack (TER) Storage Rack, Gun Maintenance Stand, BRU-57 Stand, Rocket Storage Stand, and other projects as determined by HQ ACC/LGW and/or Weapon System Program offices.

(U) \$1,201 Total

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BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)

0604602F Armament/Ordinance Development

4696

(U) **A. Mission Description Continued**(U) **FY 2004 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program

(U) \$1,249 Design, prototype, and test various MMHE projects, i.e., COMPLETE: 5,000-lb Rubber Roller, Triple Ejector Rack (TER) Storage Rack, LAU-106 Maintenance Stand, and Gun Maintenance Stand. CONTINUE: MAC Upgrade, B-52 Mine Loading Adapter, AME Mobility Rack, BRU-57 Stand, and Rocket Storage Stand. INITIATE: MHU-110 Upgrade, B-1B Chaff/Flare Container, B-1B Rack Transport Adapter, and other projects as determined by HQ ACC/LGW and/or Weapon System Program offices.

(U) \$1,249 Total

(U) **B. Project Change Summary**

No significant changes.

(U) **C. Other Program Funding Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	

(U) N/A

(U) **D. Acquisition Strategy**

MMHE is a continuing effort program with activities performed organically and/or contracted through Military Interdepartmental Purchase Requests (MIPR). Procurement will be performed and funded by the applicable equipment project.

(U) **E. Schedule Profile**

	<u>FY 2002</u>				<u>FY 2003</u>				<u>FY 2004</u>			
	1	2	3	4	1	2	3	4	1	2	3	4

(U) N/A

Not Applicable. MMHE does not execute in accordance with standard acquisition milestones. Project activities are performed on a continuing basis.

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)								DATE February 2003			
BUDGET ACTIVITY					PE NUMBER AND TITLE				PROJECT		
05 - System Development and Demonstration (SDD)					0604602F Armament/Ordnance Development				4696		
(U) A. Project Cost Breakdown (\$ in Thousands)											
					FY 2002		FY 2003		FY 2004		
(U) Various MMHE Projects to include:					1,082		1,201		1,249		
(U) Upgrade MAC System											
(U) Next Generation Missile Loader											
(U) B-2 Preloading Adapter											
(U) AME Mobility Rack											
(U) B-52 Mine Loading Equipment											
(U) AIM-120 Radome Cover											
(U) BRU-57 Loading Adapter											
(U) Triple-Ejector Rack (TER)Storage Rack											
(U) B-1B Chaff/Flare Container											
(U) Total					1,082		1,201		1,249		
(U) B. Budget Acquisition History and Planning Information (\$ in Thousands)											
(U) Performing Organizations:											
Contractor or Government		Contract Method/Type	Award or Obligation	Performing Activity	Project Office	Total Prior to FY 2002	Budget FY 2002	Budget FY 2003	Budget FY 2004	Budget to Complete	Total Program
Performing Activity		or Funding Vehicle	Date	EAC	EAC						
Product Development Organizations											
None									Continuing	TBD	
Support and Management Organizations											
TEAS/TAMS		MIPR	Oct 99	N/A	N/A	2,785	675	790	740	Continuing	TBD
AAC/FM		MIPR	Oct 99	N/A	N/A	611	208	160	219	Continuing	TBD
64SSUPS/LGS		MIPR	Cont.	N/A	N/A	226	12	10	10	Continuing	TBD
WL/MN		MIPR	Cont.	N/A	N/A	130	0	0	0	Continuing	TBD
EDSC		MIPR	Cont.	N/A	N/A	30	10	40	40	Continuing	TBD
Test and Evaluation Organizations											
46th Test Wing		MIPR	Cont.	N/A	N/A	800	177	201	240	Continuing	TBD
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BUDGET ACTIVITY				PE NUMBER AND TITLE				PROJECT	
05 - System Development and Demonstration (SDD)				0604602F Armament/Ordnance Development				4696	
(U) <u>Government Furnished Property:</u>									
	<u>Contract</u>								
	<u>Method/Type</u>	<u>Award or</u>							
<u>Item</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Delivery</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Description</u>	<u>Vehicle</u>	<u>Date</u>	<u>Date</u>	<u>to FY 2002</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Complete</u>	<u>Program</u>
<u>Product Development Property</u>									
N/A									
<u>Support and Management Property</u>									
<u>Test and Evaluation Property</u>									
				<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Subtotals</u>				<u>to FY 2002</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Complete</u>	<u>Program</u>
Subtotal Product Development								TBD	TBD
Subtotal Support and Management				3,782	905	1,000	1,009	TBD	TBD
Subtotal Test and Evaluation				800	177	201	240	TBD	TBD
Total Project				4,582	1,082	1,201	1,249	TBD	TBD

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05 - System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604602F Armament/Ordnance Development

PROJECT

5613

COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
5613 Containers	133	135	137	142	145	151	153	166	Continuing	TBD

(U) **A. Mission Description**

Containers: This project funds the operation of the Tri-Service Container Design Retrieval System (CDRS). The CDRS maintains a container database to preclude proliferation and duplication of munitions containers. It also supports the Joint Ordnance Commander's Working Group (JOCG) for packaging, handling and loading. In addition, CDRS supports organic container design, acquisition transportation, prototyping and testing capabilities.

This program is in budget activity 5 - System Demonstration and Development because the projects support the SDD phase of several munitions related items and functions.

(U) **FY 2002 (\$ in Thousands)**

- (U) \$0 Accomplishments/Planned Program
- (U) \$6 Initiate/continue/complete design/development of various CDRS projects, including a modular mobility container system, and special projects.
- (U) \$5 Provide container design expertise, management, and technical support to programs such as CALCM, JASSM, AMRAAM, AGM-142, MALD, AGM-130, and WCMD.
- (U) \$122 Manage and operate the CDRS data base and support service.
- (U) \$133 Total

(U) **FY 2003 (\$ in Thousands)**

- (U) \$0 Accomplishments/Planned Program
- (U) \$6 Initiate/continue/complete design/development of various CDRS projects.
- (U) \$6 Provide container design expertise and technical support to programs such as JSOW, JDAM, JASSM, MMHE, Small Diameter Bomb (SDB) and AGM-142.
- (U) \$123 Manage and operate the CDRS database and support service.
- (U) \$135 Total

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BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)

0604602F Armament/Ordnance Development

5613

(U) **A. Mission Description Continued**(U) **FY 2004 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program

(U) \$6 Initiate/continue/complete design/development of various CDRS projects.

(U) \$6 Provide container design expertise and technical support to programs such as JSOW, JDAM, JASSM, MMHE, Small Diameter Bomb (SDB) and AGM-142.

(U) \$125 Manage and operate the CDRS database and support service.

(U) \$137 Total

(U) **B. Project Change Summary**

No significant changes.

(U) **C. Other Program Funding Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	

(U) N/A

(U) **D. Acquisition Strategy**

Not Applicable

(U) **E. Schedule Profile**

	<u>FY 2002</u>					<u>FY 2003</u>				<u>FY 2004</u>		
	1	2	3	4	1	2	3	4	1	2	3	4

(U) Not Applicable.

The Containers project does not execute in accordance with standard acquisition milestones. Design and support efforts are performed on a continuing basis.

UNCLASSIFIED

RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)										DATE
										February 2003
BUDGET ACTIVITY					PE NUMBER AND TITLE					PROJECT
05 - System Development and Demonstration (SDD)					0604602F Armament/Ordnance Development					5613
(U) <u>A. Project Cost Breakdown (\$ in Thousands)</u>										
						<u>FY 2002</u>		<u>FY 2003</u>		<u>FY 2004</u>
(U)	Travel/Transportation					72		71		71
(U)	Supplies/Equipment					50		52		50
(U)	Mission Support					11		12		16
(U)	Total					133		135		137
(U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u>										
(U) <u>Performing Organizations:</u>										
	<u>Contractor or</u>	<u>Contract</u>								
	<u>Government</u>	<u>Method/Type</u>	<u>Award or</u>	<u>Performing</u>	<u>Project</u>					
	<u>Performing</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Activity</u>	<u>Office</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
	<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 2002</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Complete</u>
<u>Product Development Organizations</u>										
Not Applicable										
<u>Support and Management Organizations</u>										
	Sverdrup (TEAS)	Various	Cont.	N/A	N/A	1,575	60	0	0	Continuing
	ASC/YHS	Various	Cont.	N/A	N/A	598	0	12	0	Continuing
	Other	Various	Cont.	N/A	N/A	811	73	123	137	Continuing
<u>Test and Evaluation Organizations</u>										
	46th Test Wing	Various	Various	N/A	N/A	190	0	0	0	Continuing
						<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
						<u>to FY 2002</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Complete</u>
<u>Subtotals</u>										
Subtotal Product Development										
Subtotal Support and Management						2,984	133	135	137	TBD
Subtotal Test and Evaluation						190	0	0	0	TBD
Total Project						3,174	133	135	137	TBD
Project 5613										
Page 14 of 14 Pages										
Exhibit R-3 (PE 0604602F)										