

# UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0901202F: JOINT PERSONNEL RECOVERY AGENCY (JPRA)							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	5.590	11.376	6.107	0.000	6.107	6.081	6.063	6.155	6.246	Continuing	Continuing
675196: EO/IR Warning & Countermeasures Tech	5.590	11.376	6.107	0.000	6.107	6.081	6.063	6.155	6.246	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

Joint Personnel Recovery Agency (JPRA) to execute tasks related to Commander, USJFCOM responsibilities as DoD Executive Agent (less policy) for Personnel Recovery. Provides separate PE to execute AF task to "fund JPRA" in DODD 2310.2. Includes funding for research and development (R&D), support equipment, contract services, and all associated costs specifically identified to support the JPRA headquarters at Ft. Belvoir, VA and other JPRA operating locations and project sites.

Funding provides USJFCOM capability to conduct Personnel Recovery advanced concept testing and development, identify, research, and exploit technologies to provide COCOM and Service Personnel Recovery capabilities.

Program is in Budget Activity 7 because it provides for development and testing in support of recovery capability.

<b>B. Program Change Summary (\$ in Millions)</b>					
	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>
Previous President's Budget	5.590	11.376	0.000	0.000	0.000
Current President's Budget	5.590	11.376	6.107	0.000	6.107
Total Adjustments	0.000	0.000	6.107	0.000	6.107
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	6.107	0.000	6.107

# UNCLASSIFIED

R-1 Line Item #240

Page 1 of 9

**UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0901202F: JOINT PERSONNEL RECOVERY AGENCY (JPRA)				PROJECT 675196: EO/IR Warning & Countermeasures Tech			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
675196: EO/IR Warning & Countermeasures Tech	5.590	11.376	6.107	0.000	6.107	6.081	6.063	6.155	6.246	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
PRMS currently in use at COCOM Rescue Coordination Centers and AF AOCs. JPRA oversaw development of PRMS during ACTD and fielding to COCOMs and Services. ACTD Transition Plan did not identify responsibility for funding further development of PRMS. PRMS is critical piece of Personnel Recovery capability for operations in CENTCOM AOR and for other MCOs worldwide.											
JPRA executes DoD Executive Agent for Personnel Recovery, CDRUSJFCOM, responsibilities to assess current and future technologies for application to shortfalls in COCOM and Service Personnel Recovery capabilities											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Isolated Personnel Location, Survivability & Evasion Aid Development							1.900	1.000	1.500	0.000	1.500
FY 2009 Accomplishments: In FY 2009: Continuation of above listed activities											
FY 2010 Plans: In FY 2010: Continuation of above listed activities											
FY 2011 Base Plans: In FY 2011: Continuation of above listed activities											
FY 2011 OCO Plans: In FY 2011 OCO: N/A											

**UNCLASSIFIED**

R-1 Line Item #240

Page 2 of 9

**UNCLASSIFIED**

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Personnel Recovery Mission Software Improvement  FY 2009 Accomplishments: In FY 2009: Continuation of above listed activities  FY 2010 Plans: In FY 2010: Continuation of above listed activities  FY 2011 Base Plans: In FY 2011: Continuation of above listed activities  FY 2011 OCO Plans: In FY 2011 OCO: N/A		0.200	0.350	0.220	0.000	0.220
MAJOR THRUST: Survival Radio Command & Control Tech Integration Study  FY 2009 Accomplishments: In FY 2009: N/A  FY 2010 Plans: In FY 2010: Continuation of above listed activities  FY 2011 Base Plans: In FY 2011: Continuation of above listed activities  FY 2011 OCO Plans: In FY 2011 OCO: N/A		0.000	0.200	0.202	0.000	0.202
MAJOR THRUST: Interagency/Coalition Command & Control Interoperability Tech Study		0.000	0.400	0.400	0.000	0.400

**UNCLASSIFIED**

R-1 Line Item #240

Page 3 of 9

**UNCLASSIFIED**

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B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: In FY 2009: N/A					
FY 2010 Plans: In FY 2010: Continuation of above listed activities					
FY 2011 Base Plans: In FY 2011: Continuation of above listed activities					
FY 2011 OCO Plans: In FY 2011 OCO: N/A					
MAJOR THRUST: Recovery Force Survivability Study  FY 2009 Accomplishments: In FY 2009: N/A  FY 2010 Plans: In FY 2010: Continuation of above listed activities  FY 2011 Base Plans: In FY 2011: Continuation of above listed activities  FY 2011 OCO Plans: In FY 2011 OCO: N/A	0.000	0.500	0.300	0.000	0.300
MAJOR THRUST: Personnel Recovery Tactics, Techniques & Procedures for Urban Operations  FY 2009 Accomplishments: In FY 2009: Continuation of above listed activities	3.490	8.926	3.485	0.000	3.485

**UNCLASSIFIED**

R-1 Line Item #240

Page 4 of 9

# UNCLASSIFIED

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Air Force							<b>DATE:</b> February 2010				
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>			<b>R-1 ITEM NOMENCLATURE</b> PE 0901202F: <i>JOINT PERSONNEL RECOVERY AGENCY (JPRA)</i>			<b>PROJECT</b> 675196: <i>EO/IR Warning &amp; Countermeasures Tech</i>					
<b>B. Accomplishments/Planned Program (\$ in Millions)</b>											
						<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>	
<i>FY 2010 Plans:</i> In FY 2010: Continuation of above listed activities  <i>FY 2011 Base Plans:</i> In FY 2011: Continuation of above listed activities  <i>FY 2011 OCO Plans:</i> In FY 2011 OCO: N/A											
Accomplishments/Planned Programs Subtotals						5.590	11.376	6.107	0.000	6.107	
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• PE Not Provided (11300): <i>Activity Not Provided</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>D. Acquisition Strategy</b> Contracts will be awarded through full and open competition.											
<b>E. Performance Metrics</b> Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.											

UNCLASSIFIED

R-1 Line Item #240

Page 5 of 9

# UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Air Force											DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development						R-1 ITEM NOMENCLATURE PE 0901202F: JOINT PERSONNEL RECOVERY AGENCY (JPRA)				PROJECT 675196: EO/IR Warning & Countermeasures Tech				
Product Development (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Isolated Personnel Location, Survivability & Evasion Aid Development	TBD/TBD	TBD TBD	2.538	6.000	Apr 2010	1.485	Apr 2011	0.000		1.485	Continuing	Continuing	0.100	
Personnel Recovery Mission Software Improvement	TBD/TBD	TBD TBD	0.300	0.350	Mar 2010	0.220	Mar 2011	0.000		0.220	Continuing	Continuing	0.440	
Survival Radio Command & Control Tech Integration Study	TBD/TBD	TBD TBD	0.800	0.200	Apr 2010	0.202	Apr 2011	0.000		0.202	Continuing	Continuing	0.040	
Interagency/Coalition Command & Ctrl Interoperability Tech Study	TBD/TBD	TBD TBD	1.000	0.400	Apr 2010	0.400	Apr 2011	0.000		0.400	Continuing	Continuing	0.100	
Recovery Force Survivability Study	TBD/TBD	TBD TBD	0.200	0.500	Apr 2010	0.300	Jun 2011	0.000		0.300	Continuing	Continuing	0.100	
Subtotal			4.838	7.450		2.607		0.000		2.607			0.780	
Remarks														

UNCLASSIFIED

R-1 Line Item #240

Page 6 of 9

**UNCLASSIFIED**

<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2011 Air Force											<b>DATE:</b> February 2010		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0901202F: <i>JOINT PERSONNEL RECOVERY AGENCY (JPRA)</i>				<b>PROJECT</b> 675196: <i>EO/IR Warning &amp; Countermeasures Tech</i>					
<b>Test and Evaluation (\$ in Millions)</b>													
				<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Personnel & Recovery Tactics, Techniques & Procedures	TBD/TBD	TBD TBD	0.752	3.926	Mar 2010	3.500	Jun 2011	0.000		3.500	Continuing	Continuing	0.100
<b>Subtotal</b>			0.752	3.926		3.500		0.000		3.500			0.100
<b>Remarks</b>													
			<b>Total Prior Years Cost</b>	<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			5.590	11.376		6.107		0.000		6.107			0.880
<b>Remarks</b> Total Prior Years Cost may include only FY 2009 data.													

**UNCLASSIFIED**

R-1 Line Item #240

















Page 7 of 9

**UNCLASSIFIED**

<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2011 Air Force			<b>DATE:</b> February 2010		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>		<b>R-1 ITEM NOMENCLATURE</b> PE 0901202F: <i>JOINT PERSONNEL RECOVERY AGENCY (JPRA)</i>		<b>PROJECT</b> 675196: <i>EO/IR Warning &amp; Countermeasures Tech</i>	



**JPRA**

Fiscal Year	FY08				FY09				FY10				FY11				FY12				FY13				FY14				FY15				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
PRMS/Tech Assessment																																	
PRESS																																	

**UNCLASSIFIED**

R-1 Line Item #240

Page 8 of 9



**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2011 Air Force			<b>DATE:</b> February 2010
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Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Software Improvement	1	2009	4	2010
Integration/Interoperability/Survivability Studies	2	2009	4	2010
Urban Operations	2	2009	4	2010
Aid Development	1	2009	4	2010

**UNCLASSIFIED**

R-1 Line Item #240

Page 9 of 9