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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Air Force										Date: February 2018		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0901202F I Joint Personnel Recovery Agency							
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	-	3.556	2.006	2.023	0.000	2.023	2.060	2.096	2.139	2.178	Continuing	Continuing
675196: Joint Technology Exploitation	-	3.556	2.006	2.023	0.000	2.023	2.060	2.096	2.139	2.178	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The FY17 funding request was reduced by \$.269M to account for the availability of prior year execution balances.

Funding supports Personnel Recovery development efforts to upgrade Isolated Personnel reporting devices & locating systems in support of Combatant Commanders and Services. Joint Personnel Recovery Agency (JPRA) developmental efforts address Personnel Recovery capability shortfalls & gaps identified in the Personnel Recovery Initial Capabilities Document approved by Joint Requirements Oversight Council Memorandum 120-12 on 8 Aug 2012. Activities include funding for research and development, support equipment, contract services and all associated costs specifically identified to support the JPRA headquarters at Ft. Belvoir, VA and other JPRA operating locations.

In FY16, the Common Distress Reporting System (CDRS) began development. CDRS will integrate all personnel locating devices into the existing reporting device architecture & Combat Survivor Evader Locator base stations to provide one common operating picture for timely and efficient recovery operations of isolated personnel.

This program is in Budget Activity 7, Operational System Development because this budget activity includes efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent year.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019 Base</u>	<u>FY 2019 OCO</u>	<u>FY 2019 Total</u>
Previous President's Budget	3.663	2.006	2.038	0.000	2.038
Current President's Budget	3.556	2.006	2.023	0.000	2.023
Total Adjustments	-0.107	0.000	-0.015	0.000	-0.015
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	-0.107	0.000	-0.015	0.000	-0.015

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018	FY 2019
Title: Common Distress Reporting System Description: Develop/implement the Common Distress Reporting System FY 2018 Plans: - Continued the Common Distress Reporting System (CDRS)development. CDRS will integrate all personnel locating devices into the existing reporting device architecture & Combat Survivor Evader Locator base stations to provide one common operating picture for timely and efficient recovery operations of isolated personnel. FY 2019 Plans: - Continue the Common Distress Reporting System (CDRS)development. CDRS will integrate all personnel locating devices into the existing reporting device architecture & Combat Survivor Evader Locator base stations to provide one common operating picture for timely and efficient recovery operations of isolated personnel. FY 2018 to FY 2019 Increase/Decrease Statement: Increased to account for inflation.		1.841	1.003	1.004
Title: Collaborative Personnel Recovery planning systems & PR Capabilities Development Description: - Assess and evaluate technologies for personnel recovery real-time collaborative planning capabilities to include cyber support to personnel recovery, standardization and interoperability of joint personnel recovery mission management and planning systems, and standardization of human and machine-to-machine information exchanges, communications, and data transfer to facilitate mission planning for personnel recovery FY 2018 Plans: - Continued to assess and evaluate technologies for personnel recovery real-time collaborative planning capabilities to include cyber support to personnel recovery, standardization and interoperability of joint personnel recovery mission management and planning systems, and standardization of human and machine-to-machine information exchanges, communications, and data transfer to facilitate mission planning for personnel recovery FY 2019 Plans: - Continue to assess and evaluate technologies for personnel recovery real-time collaborative planning capabilities to include cyber support to personnel recovery, standardization and interoperability of joint personnel recovery mission management and planning systems, and standardization of human and machine-to-machine information exchanges, communications, and data transfer to facilitate mission planning for personnel recovery FY 2018 to FY 2019 Increase/Decrease Statement:		1.715	1.003	1.019

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018	FY 2019
Increased to account for inflation.				
Accomplishments/Planned Programs Subtotals		3.556	2.006	2.023
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy Projects will leverage existing program contracts. In the rare instance where a contract does not already exist, contracts will be awarded through full and open competition.				
F. Performance Metrics 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.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Air Force													Date: February 2018		
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901202F / Joint Personnel Recovery Agency				Project (Number/Name) 675196 / Joint Technology Exploitation					
Product Development (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Common Distress Reporting System	SS/TBD	AFLCMC/HBZ : Huntington Beach, CA	-	1.841	Mar 2018	1.003	Mar 2018	1.004	Mar 2018	-		1.004	Continuing	Continuing	-
Optimal Search Study	Various	Various : NV	-	-		-		-		-		-	Continuing	Continuing	-
Collaborative Personnel Recovery Planning Systems & PR Capabilities Development	Various	Various : NV	-	1.715	Mar 2018	1.003	Mar 2018	1.019	Mar 2018	-		1.019	Continuing	Continuing	-
Personnel Recovery Modeling and simulation development	Various	Various : NV	-	-		-		-		-		-	Continuing	Continuing	-
Subtotal			-	3.556		2.006		2.023		-		2.023	Continuing	Continuing	N/A
			Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	3.556		2.006		2.023		-		2.023	Continuing	Continuing	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Air Force										Date: February 2018									
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	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	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
No project title.																												
Common Distress Reporting System																												
Collaborative Personnel Recovery planning systems																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2019 Air Force		Date: February 2018
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901202F / <i>Joint Personnel Recovery Agency</i>	Project (Number/Name) 675196 / <i>Joint Technology Exploitation</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>No project title.</i>				
Common Distress Reporting System	2	2017	4	2023
Collaborative Personnel Recovery planning systems	2	2017	4	2023