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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207452F / DCAPES
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	23.694	0.806	16.723	14.979	0.000	14.979	13.761	11.278	4.949	0.000	76.900	163.090
674801: <i>DCAPES INC 2B</i>	0.000	0.000	15.828	14.979	0.000	14.979	13.761	11.278	4.949	0.000	76.900	137.695
674802: <i>DCAPES Increment 2A</i>	23.694	0.806	0.895	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.395

Program MDAP/MAIS Code: 500

A. Mission Description and Budget Item Justification

The mission of Deliberate and Crisis Action Planning and Execution Segments (DCAPES) is to support Joint and Air Force Adaptive Planning and Execution (APEX) needs by enabling the warfighter to rapidly respond to a Combatant Commander's (COCOM's) force requirements through the development, management, presentation, and execution of scalable packages of manpower and equipment comprising our Aerospace Expeditionary Forces (AEF). Provide real-time command, control, planning, and execution information supporting the United States Air Force (USAF) manpower, personnel, operations and logistics force presentation and execution processes while providing a single integrated data environment to project aerospace power anywhere in world. DCAPES enables force projection C2 to all missions requiring USAF presence regardless of mission type (contingency, humanitarian, disaster relief, etc.).

This program is in Budget Activity 7, Operational System Development because this budget activity includes development 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 fiscal year.

B. Program Change Summary (\$ in Millions)

	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	0.821	16.796	16.222	0.000	16.222
Current President's Budget	0.806	16.723	14.979	0.000	14.979
Total Adjustments	-0.015	-0.073	-1.243	0.000	-1.243
• Congressional General Reductions	0.000	-0.073			
• 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	-0.015	0.000			
• Other Adjustments	0.000	0.000	-1.243	0.000	-1.243

Change Summary Explanation

In FY17, the DCAPES program was reduced to align with the non-advocate cost assessment.

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Air Force										Date: February 2016		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207452F / DCAPES				Project (Number/Name) 674801 / DCAPES INC 2B			
COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
674801: DCAPES INC 2B	0.000	0.000	15.828	14.979	0.000	14.979	13.761	11.278	4.949	0.000	76.900	137.695
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

DCAPES Increment 2B provides capabilities that enable the Air Force to posture trained and equipped forces, organized in effects-based operational capability packages, to deliver effective aerospace capabilities to the Joint warfighter. Furthermore, it includes the migration of the application from four regionally fielded strategic server enclaves fielded on the Global Command and Control System – Air Force to a virtualized platform in Defense Information Systems Agency Defense Enterprise Computing Centers. Additional technical requirements planned for Increment 2B include enabling the system to support Public Key Infrastructure and Public Key enabling as well as elimination of Social Security Account Numbers as the primary key for identifying Air Force military and civilian members by replacing it with the Electronic Data Interchange Personal Identifier.

This program is in Budget Activity 7, Operational System Development because this Budget Activity includes development 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 fiscal year.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: DCAPES INCREMENT 2B	-	15.828	14.979	0.000	14.979
Description: DCAPES Increment 2B includes Infrastructure Support, Business Intelligence, and the development of eight War Fighter Requirements; however, the Program will execute War Fighter Requirements 1-5 during the FY17 President's Budget.					
FY 2016 Plans:					
- Complete Increment 2B Milestone B in 2nd Qtr. FY16.					
- Complete JIE Migration (FDCCI) 2nd Qtr. FY17.					
- Continue Infrastructure and Integration builds and begin development of War Fighter Requirements 1-3:					
-- Requirement 1: Eliminate Social Security Number from DCAPES and replace with the Department of Defense Electronic Data Interface Personnel Identifier.					
-- Requirement 2: DCAPES and Global Force Management (GFM) Interoperability.					
-- Requirement 3: Enhanced Contingency-Rotational Air Expeditionary Force Scheduling Tool Interface.					
FY 2017 Base Plans:					
- Continue maintaining builds for infrastructure and begin development of War Fighter Requirements 4-5:					
-- Requirement 4: Provide users the capability to build, manage, and maintain Manpower & Equipment Force Packaging.					

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Air Force		Date: February 2016
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPEs	Project (Number/Name) 674801 / DCAPEs INC 2B

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
-- Requirement 5: Build Logistics Factor File to compute resupply requirements and ID sustainment items and shortfalls. FY 2017 OCO Plans: N/A.					
Accomplishments/Planned Programs Subtotals	-	15.828	14.979	0.000	14.979

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• N/A: N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-

Remarks

D. Acquisition Strategy

The DCAPEs program successfully awarded the DCAPEs Development Task Order for a one-year Base Period and four one-year Option Periods using the NETCENTS 2 Application Services Small Business Indefinite delivery Indefinite Quantity (IDIQ) contract. The period of performance started on 6 April 2015 and ends on 5 April 2020, given all option years are exercised.

DCAPEs is an Evolutionary Acquisition Program using an incremental development approach (DoDI 5000.02 Model 3) to develop capabilities over several increments. To support the rapid development and delivery of capabilities, DCAPEs will transition from a waterfall approach used in Increment 2A to an evolutionary acquisition strategy in which capabilities are incrementally delivered in time-phased stages based on warfighter priorities and adoption of key architecture and technology requirements as a trade-off for accelerated delivery and risk reduction.

The DCAPEs Program Management Office (PMO) will utilize a mix of agreements (Service Level Agreements and Memorandums) with DCAPEs interface partners. A Service Level Agreement is in place with the Capabilities Integration Environment (AFLCMC/HNIZ) to conduct software development and testing. Memorandums of Agreement with Joint Interoperability Test Command, Air Force Operational Test and Evaluation Command, and the 46th Test Squadron are in place and outline the test support required before fielding the system.

The DCAPEs Increment 2B requirements have been packaged into eight discreet capabilities which will be developed in multiple smaller increments. Each capability will be developed using several builds and with one or more fieldings to satisfy the approved requirements within each package.

E. 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 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPES	Project (Number/Name) 674801 / DCAPES INC 2B
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Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DCAPES Increment 2B (Risk Reduction - HIB-1744)	TBD	Various : TBD	0.000	0.000		7.014	Mar 2016	0.000		0.000		0.000	0.000	7.014	-
DCAPES Increment 2B/ Prime Contract (HIB-1375)	C/CPAF	Array Information Technology, Inc. : Greenbelt, MD	0.000	0.000		3.091	Apr 2016	9.742	Apr 2017	0.000		9.742	56.896	69.729	-
DCAPES Infrastructure/ Integration (HIB-1470)	C/CPFF	DATUM Software Inc. : John Creek, GA	0.000	0.000		0.950	Feb 2016	0.950	Feb 2016	0.000		0.950	3.692	5.592	-
DCAPES Architecture Documentation Development (HIB-1367)	C/FFP	Copper River IT : Anchorage, AK	0.000	0.000		0.312	Jun 2016	0.326	Jun 2016	0.000		0.326	1.304	1.942	-
Subtotal			0.000	0.000		11.367		11.018		0.000		11.018	61.892	84.277	-

Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DCAPES HIB Integration Contract Support (HIB-1705)	C/Variou	TM Capture Services, LLC : Dayton, OH	0.000	0.000		0.752	Apr 2016	0.752	Apr 2017	0.000		0.752	3.008	4.512	-
DCAPES Cost Analysis Contract Support	C/CPFF	Tecolote Research, Inc. : Goleta, CA	0.000	0.000		0.220	Oct 2015	0.220	Oct 2016	0.000		0.220	0.880	1.320	-
DCAPES Engineering Contract Support (HIB-1380)	C/CPFF	Jacobs Technology, Inc. : Lincoln, MA	0.000	0.000		0.810	May 2016	0.810	May 2017	0.000		0.810	1.240	2.860	-
DCAPES FFRDC (Engineering - HIB-1368)	SS/CPFF	Mitre : Bedford, MA	0.000	0.000		0.323	Oct 2016	0.323	Oct 2017	0.000		0.323	1.592	2.238	-
DCAPES Requirement Elaboration Contract Support (HIB-1671)	C/FFP	Certified Tech. Expert : Montgomery, AL	0.000	0.000		0.220	Jul 2016	0.220	Jul 2017	0.000		0.220	0.608	1.048	-
DCAPES Contract System Integration/Tech Support (CIE - HIB-1376)	MIPR	AFLCMC/HNIZ Capabilities Integration	0.000	0.000		0.410	Sep 2016	0.410	Sep 2017	0.000		0.410	2.776	3.596	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPES	Project (Number/Name) 674801 / DCAPES INC 2B
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Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
		Environment (CIE) : MAFB-Gunter Annex, AL													
DCAPES Development Environment HW (CIE - HIB-1685)	C/Various	Various : TBD	0.000	0.000		0.500	Jan 2016	0.000		0.000		0.000	0.000	0.500	-
DCAPES Licenses (Software/Hardware - HIB-1377)	C/Various	Various : TBD	0.000	0.000		0.192	Feb 2016	0.192	Feb 2017	0.000		0.192	0.768	1.152	-
DCAPES Government Purchase Card (HIB-1371/1706)	TBD	Various : TBD	0.000	0.000		0.012	Aug 2016	0.012	Aug 2017	0.000		0.012	0.060	0.084	-
Subtotal			0.000	0.000		3.439		2.939		0.000		2.939	10.932	17.310	-

Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DCAPES Development Test and Evaluation (HIB-1369)	MIPR	46 Test Sqdn : Eglin AFB, FL	0.000	0.000		0.300	Jan 2016	0.300	Oct 2016	0.000		0.300	1.200	1.800	-
DCAPES Interoperability Testing and Evaluation (HIB-1369)	MIPR	DISA JITC : Haachuca, AZ	0.000	0.000		0.369	Oct 2015	0.369	Oct 2016	0.000		0.369	1.476	2.214	-
DCAPES User Test Support	TBD	Various : TBD	0.000	0.000		0.319	Sep 2016	0.319	Sep 2018	0.000		0.319	1.400	2.038	-
Subtotal			0.000	0.000		0.988		0.988		0.000		0.988	4.076	6.052	-

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPES	Project (Number/Name) 674801 / DCAPES INC 2B
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
DCAPES Increment 2B	1	2015	3	2020
MS B Preparation	1	2015	2	2016
MS B Decision (Mar 2016)	2	2016	2	2016
--- Requirements (1-5):	2	2016	3	2018
--- Increment 2B FDD	2	2020	2	2020
--- Increment 2B FD	3	2020	3	2020
--- JIE Migration (FDCCI)	2	2016	2	2017
---- Requirement #1 (EDIPI)	3	2016	1	2018
---- Requirement #2 (GFM-DI Interoperability)	3	2016	1	2018
---- Requirement #3 (ECAST)	3	2016	2	2018
---- Requirement #4 (MEFPAK)	3	2017	1	2020
---- Requirement #5 (Logistics Factor File)	3	2017	3	2018

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Air Force										Date: February 2016		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207452F / DCAPES				Project (Number/Name) 674802 / DCAPES Increment 2A			
COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
674802: DCAPES Increment 2A	23.694	0.806	0.895	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.395
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

DCAPES Increment 2A delivered Air Force functional specific capabilities as well as technical changes necessary for the Air Force to migrate from a directly connected architectural relationship with the Joint Operations Planning and Execution System (JOPES) to one utilizing data services across the Wide Area Network (WAN). This 'Loose Coupling' solution enabled DCAPES to be interoperable with JOPES and at the same time significantly reduced interoperability costs.

This program is in Budget Activity 7, Operational System Development because this Budget Activity includes development 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 fiscal year.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: DCAPES Increment 2A (Loose Coupling)	0.806	0.895	0.000	0.000	0.000
Description: Increment 2A includes Loose Coupling between Deliberate and Crisis Action Planning and Execution Segment (DCAPES) and Joint Operational Planning and Execution System (JOPES), Infrastructure Support, and Business Intelligence. Increment 2A also includes requirements definition, prototyping, development, testing, interoperability, sustainment, and service oriented architecture transition.					
FY 2015 Accomplishments: - Completed the Business Intelligence technical refresh during 1st Qtr. - Awarded the Development Prime contract on 6 Apr 2015.					
FY 2016 Plans: - Complete v4.2.2.2 1st Qtr. FY16 - Complete FDD activities and enter FD 1st Qtr. FY16 - Complete v5.0.0.2 (JOPES Outbound) 1st Qtr. FY16					
FY 2017 Base Plans: N/A.					
FY 2017 OCO Plans: N/A.					
Accomplishments/Planned Programs Subtotals	0.806	0.895	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Air Force	Date: February 2016
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Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPES	Project (Number/Name) 674802 / DCAPES Increment 2A
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• N/A: N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-

Remarks

D. Acquisition Strategy

Increment 2A used the Waterfall approach to develop functional capabilities and maintain interoperability with JOPES. The DCAPES program successfully awarded the DCAPES Development Task Order using the NETCENTS 2 Application Services Small Business Indefinite delivery Indefinite Quantity (IDIQ) contract. The task order, comprised of Cost Plus Fixed Fee CLINs, started on 6 April 2015 and ends on 5 April 2020, given all option years are exercised. This task order will be used to close out the Increment.

The DCAPES Program Management Office (PMO) will utilize a mix of agreements (Service Level Agreements and Memorandums) with DCAPES interface partners. A Service Level Agreement is in place with the Capabilities Integration Environment (AFLCMC/HNIZ) to conduct software development and testing. Memorandums of Agreement with Joint Interoperability Test Command, Air Force Operational Test and Evaluation Command, and the 46th Test Squadron are in place and outline the test support required before fielding the system.

E. 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 2017 Air Force											Date: February 2016				
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207452F / DCAPES					Project (Number/Name) 674802 / DCAPES Increment 2A				

Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DCAPES Increment 2A SW DEV/FOE - HIB-1342)	SS/ Various	Computer Science Corp. : Falls Church, VA	9.790	0.000		0.000		0.000		0.000		0.000	0.000	9.790	9.790
DCAPES SW DEV New Prime Contract (Increment 2A HIB-1670)	C/Various	Array Information Technology, Inc. : Greenbelt, MD	0.913	0.104	Apr 2016	0.000		0.000		0.000		0.000	0.000	1.017	1.017
DCAPES Risk Reduction	TBD	Various : TBD	0.000	0.000		0.895	Mar 2016	0.000		0.000		0.000	0.000	0.895	-
DCAPES Infrastructure / Integration (HIB-1470)	C/CPFF	DATUM Software Inc. : John Creek, GA	1.860	0.000		0.000		0.000		0.000		0.000	0.000	1.860	1.860
DCAPES BI Tools / Tech Refresh (HIB-1373)	C/CPFF	Array IT : Greenbelt, MD	0.996	0.000		0.000		0.000		0.000		0.000	0.000	0.996	0.996
DCAPES Architecture Documentation Development (HIB-1367)	C/FFP	Copper River IT : Anchorage, AK	0.545	0.326	Jul 2015	0.000		0.000		0.000		0.000	0.000	0.871	0.871
LOGFAC S/W Development (HIB-1372)	C/FFP	Harris IT services Corp. : Dulles, VA	2.414	0.000		0.000		0.000		0.000		0.000	0.000	2.414	2.414
LOGFAC Architecture Documentation Development (HIB-1367)	C/FFP	Cooper River IT : Anchorage, AK	0.136	0.000		0.000		0.000		0.000		0.000	0.000	0.136	0.136
Subtotal			16.654	0.430		0.895		0.000		0.000		0.000	0.000	17.979	-

Remarks

A. DCAPES Increment 2a (SW DEV/FOE): includes funding for past SW Development Contract/FOE (CSC) contract plus Extension.

Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DCAPES Contract Acquisition (HIB-1340)/ Logistic Functional Support (HIB-1343)	C/CPFF	OASIS Systems Inc : Lexington, MA	0.849	0.000		0.000		0.000		0.000		0.000	0.000	0.849	0.849

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Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPES	Project (Number/Name) 674802 / DCAPES Increment 2A
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Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DCAPES HIB INTEGRATION CONTRACT SUPPORT (HIB-1705)	C/Various	TM Capture Services, LLC : Dayton, OH	0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	-
DCAPES Contract Cost Analysis Support (HIB-1366)	C/CPFF	Tecolote Research, Inc. : Goleta, CA	0.470	0.000		0.000		0.000		0.000		0.000	0.000	0.470	0.470
DCAPES Contract Engineering Support (HIB-1380)	C/CPFF	Jacobs Technology, Inc : Lincoln, MA	0.499	0.000		0.000		0.000		0.000		0.000	0.000	0.499	0.499
DCAPES FFRDC (Engineering - HIB-1368)	SS/CPFF	Mitre : Bedford, MA	0.821	0.323	Oct 2015	0.000		0.000		0.000		0.000	0.000	1.144	1.144
DCAPES Contract Requirement Elaboration Support (HIB-1671)	C/FFP	Certified Tech. Expert : Montgomery, AL	0.396	0.000		0.000		0.000		0.000		0.000	0.000	0.396	0.396
DCAPES Contract System Security-Information Assurance (HIB-1377)	C/CPFF	Centech Group : Falls Church, VA	0.323	0.000		0.000		0.000		0.000		0.000	0.000	0.323	0.323
DCAPES Contract Sys Integration/Tech Support (CIE - HIB-1376)	Various	Various : Various	0.849	0.000		0.000		0.000		0.000		0.000	0.000	0.849	0.849
DCAPES Licenses Software/Hardware (HIB-1377)	C/Various	Various : Various	0.155	0.000		0.000		0.000		0.000		0.000	0.000	0.155	0.155
DCAPES SIPRNET Comm. Line-Information Assurance (HIB-1330)	MIPR	Various : Various	0.085	0.000		0.000		0.000		0.000		0.000	0.000	0.085	0.085
DCAPES GOVERNMENT PURCHASE CARD (HIB-1371/1706)	Various	Various : Various	0.002	0.003	Dec 2014	0.000		0.000		0.000		0.000	0.000	0.005	0.005
LOGFAC Contract Acquisition (HIB-1340) / Logistics Support (HIB-1343)	C/CPFF	Oasis Systems Inc. : Lexington, KY	0.045	0.000		0.000		0.000		0.000		0.000	0.000	0.045	0.045

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Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPES	Project (Number/Name) 674802 / DCAPES Increment 2A
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Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
LOGFAC Contract Cost Analysis Support (HIB-1366)	C/CPFF	Tecolote Research Inc : Goleta, CA	0.052	0.000		0.000		0.000		0.000		0.000	0.000	0.052	0.052
LOGFAC Contract Engineering Support (HIB-1380)	C/CPFF	Jacobs Technology Inc : Lincoln, MA	0.055	0.000		0.000		0.000		0.000		0.000	0.000	0.055	0.055
LOGFAC Contract Requirement Elaboration Support (HIB-1671)	C/FFP	Certified Technical Experts : Montgomery, AL	0.044	0.000		0.000		0.000		0.000		0.000	0.000	0.044	0.044
LOGFAC Contract Systems Security / IA Support (HIB-1377)	C/CPFF	Centech Group Inc : Falls Church, VA	0.056	0.000		0.000		0.000		0.000		0.000	0.000	0.056	0.056
LOGFAC FFRDC (HIB-1368)	SS/CPFF	MITRE : Bedford, MA	0.090	0.000		0.000		0.000		0.000		0.000	0.000	0.090	0.090
Subtotal			4.791	0.326		0.000		0.000		0.000		0.000	0.000	5.117	-

Remarks
DCAPES HIB INTEGRATION CONTRACT SUPPORT (HIB-1705) REPLACES THE CONTRACT ACQUISITION (HIB-1340)/LOGISTICS FUNCTIONAL SUPPORT (HIB-1343) CONTRACT.

Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DCAPES Development Test and Evaluation (HIB-1369)	MIPR	46 Test Sqdn : Eglin AFB, FL	0.885	0.000		0.000		0.000		0.000		0.000	0.000	0.885	0.885
DCAPES Operational Test and Evaluation (HIB-1369)	Various	605 Test Sqdn : Hurlburt Field, FL	0.092	0.000		0.000		0.000		0.000		0.000	0.000	0.092	0.092
DCAPES Interoperability Testing and Evaluation (HIB-1369)	MIPR	DISA JITC : Ft Haachuca, AZ	0.482	0.050	Oct 2015	0.000		0.000		0.000		0.000	0.000	0.532	0.532
DCAPES User Test Support (HIB-1341)	Various	Various : Various	0.311	0.000		0.000		0.000		0.000		0.000	0.000	0.311	0.311

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Air Force **Date:** February 2016

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPES	Project (Number/Name) 674802 / DCAPES Increment 2A
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
DCAPES Increment 2A	1	2015	1	2016
--- Business Intelligence Technical Refresh	1	2015	1	2015
--- v4.2.2.2 (JOPES Inbound - Loose Coupling Start)	1	2015	1	2016
--- Development Contract Award	3	2015	3	2015
--- v5.0.0.2 (JOPES Outbound - Loose Coupling Complete) Fielding	4	2015	1	2016
--- Full Deployment Decision (FDD)	1	2016	1	2016
--- Full Deployment (FD)	1	2016	1	2016
--- v5.0.0.2 (JOPES Outbound)	1	2016	4	2017