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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 0305240F I Support to DCGS Enterprise							
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	-	23.084	26.349	26.579	0.000	26.579	27.074	27.544	28.117	28.630	Continuing	Continuing
674826: Common Imagery Ground / Surface Systems	-	13.431	14.969	15.100	0.000	15.100	15.382	15.649	15.974	16.266	Continuing	Continuing
675265: Common Imagery Processor (CIP)	-	9.653	11.380	11.479	0.000	11.479	11.692	11.895	12.143	12.364	Continuing	Continuing

A. Mission Description and Budget Item Justification

This Program Element funds 1) the Distributed Common Ground/Surface Multi-Service Execution Team (MET) Office (DMO) which oversees the DCGS Integration Backbone (DIB) Development and the DCGS Test and Community Support (D-TACS) Programs, 2) the Support to DCGS Enterprise Integrated Product Team (IPT) effort, and 3) the Imagery Processing effort which consists of the Virtual Imagery Processing Capability (VIP-C) program.

1) The DMO is the persistent, working level organization supporting the DCGS Family of Systems (FoS) interoperability efforts, for which the AF is lead service. The DCGS FoS, including AF DCGS, was directed to migrate to a net-centric DoD Intelligence, Surveillance and Reconnaissance (ISR) enterprise, enabling the Services to operate and share intelligence products more effectively in a joint environment. All Services must pursue a common path based on a set of common enterprise services consistent with the Department's net-centric vision while maintaining flexibility to support the full range of warfighter missions. Specifically, DoD charged the Air Force to lead the development, upgrade, integration, test, and maintenance of the common DCGS Integration Backbone (DIB) enterprise services. The DIB is a set of enterprise standards and services that enable interoperability and component reuse. All the military Services are mandated to incorporate DIB interoperability standards through the Service DCGS Programs of Record (PoR), and are committed to DIB architecture as the migration path to common DCGS enterprise services. The DCGS FoS is the core of the Defense Intelligence Information Enterprise (DI2E), and the DIB forms the core of current DI2E interoperability. Activities also include studies and analysis to support both current program planning and execution and future program planning.

To carry out its mission, the DMO manages multiple development and test programs. The DIB Development Program is responsible for DIB Development and the DCGS Test and Community Support (D-TACS) Program provides software test, Independent Verification and Validation (IV&V), and cybersecurity development for the products developed by the DIB Development Program. The D-TACS Program also provides a wide range of Community Support to the PoRs and the DCGS Enterprise, including Cybersecurity support. The Cybersecurity effort improves DCGS Enterprise Cybersecurity practices, including reciprocity. It also involves the development and review of new Cybersecurity practices within the US Government, including providing commentary to the Committee on National Security Systems (CNSS) and DoD Risk Management Framework Technical Advisory Group (RMF TAG) as directed by the DMO.

The D-TACS Program manages the DCGS Test Laboratory (DTL) at Hanscom AFB, MA and a mobile DCGS-Imagery (DCGS-I) Testbed currently located at Nellis AFB, NV. These facilities support software development and test and DI2E/DCGS Enterprise evaluation and test events and exercises.

The DCGS Test Laboratory (DTL) conducts software development, test and test development, acceptance testing, including functional verification and validation and performance testing on DIB and DIB related software.

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DCGS-I Testbed is an integration and test environment, used by the Services and Agency DCGS Program Offices to conduct integration of DCGS components and test interoperability interfaces with new sensors, applications, and net-centric operations. This Testbed also supports the integration and testing of DoD DCGS components prior to introduction into the operational environment. Periodic upgrades ensure the Testbed stays current with DCGS standards and architecture. The Testbed supports the annual DCGS test event Enterprise Challenge, multiple USAF Weapons School Integration (WSINT) events, USAF Warfare Center Red Flag events and Global Hawk Interoperability Tests.						
2) The Support to DCGS Enterprise IPT provides support to OUSD(I), AF DCGS and NATO interoperability efforts. This includes the development, testing, and implementation of international standards (to include NATO standardization agreements) to ensure joint, allied, and coalition interoperability.						
3) The Imagery Processing effort develops the Virtual Imagery Processing Capability (VIP-C) within the DCGS architecture. The VIP-C provides end-to-end image processing to include raw data ingest, data format standardization to facilitate exploitation, secondary image processing, metadata conditioning, and image quality enhancements. Current efforts are focused on ensuring new sensors being fielded and associated data types can be processed.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver AF DCGS weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, and 0605898F.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded.						
This project is in Budget Activity (BA) 7 (Operational System Development) because this BA 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)		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget		23.084	26.349	26.779	0.000	26.779
Current President's Budget		23.084	26.349	26.579	0.000	26.579
Total Adjustments		0.000	0.000	-0.200	0.000	-0.200
• 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		0.000	0.000	-0.200	0.000	-0.200

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Air Force										Date: February 2018		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305240F / Support to DCGS Enterprise				Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems			
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
674826: Common Imagery Ground / Surface Systems	-	13.431	14.969	15.100	0.000	15.100	15.382	15.649	15.974	16.266	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This Program Element funds the Distributed Common Ground/Surface System (DCGS) Multi-Service Execution Team (MET) Office (DMO), which is the persistent, working level organization supporting the DCGS Family of Systems (FoS) interoperability efforts, for which the AF is lead service. The DCGS FoS, including AF DCGS, was directed to migrate to a net-centric DoD Intelligence, Surveillance and Reconnaissance (ISR) enterprise, enabling the Services to operate and share intelligence products more effectively in a joint environment. All Services must pursue a common path based on a set of common enterprise services consistent with the Department's net-centric vision while maintaining flexibility to support the full range of warfighter missions. Specifically, DoD charged the Air Force to lead the development, upgrade, integration, test, and maintenance of the common DCGS Integration Backbone (DIB) enterprise services. The DIB is a set of enterprise standards and services that enable interoperability and component reuse and provide an existing, flexible, and singularly sustainable path to information sharing across the global ISR enterprise. The deployment of the DIB into the Defense Intelligence Information Enterprise (DI2E) Reference Implementation will provide common applications and services and a managed service framework for the Command, Control, Communications, Computers, & Intelligence (C4I) Learning Environment (C4ILE) that supports the development, test and integration of machine-aided decision making capabilities.

All the military Services are mandated to incorporate DIB interoperability standards through the Service DCGS Programs of Record (PoR), and are committed to DIB architecture as the migration path to common DCGS enterprise services. The DCGS FoS is the core of the Defense Intelligence Information Enterprise (DI2E), and the DIB forms the core of current DI2E interoperability. Activities also include studies and analysis to support both current program planning and execution and future program planning.

To carry out its mission, the DMO manages multiple development and test programs. The DIB Development Program is responsible for DIB Development and the DCGS Test and Community Support (D-TACS) Program provides software test, Independent Verification and Validation (IV&V), and cybersecurity development for the products developed by the DIB Development Program. The D-TACS Program also provides a wide range of Community Support to the PoRs and the DCGS Enterprise, including Cybersecurity support. The Cybersecurity effort improves DCGS Enterprise Cybersecurity practices, including reciprocity. It also involves the development and review of new Cybersecurity practices within the US Government, including providing commentary to the Committee on National Security Systems (CNSS) and DoD Risk Management Framework Technical Advisory Group (RMF TAG) as directed by the DMO.

The D-TACS Program manages the DCGS Test Laboratory (DTL) at Hanscom AFB, MA and a mobile DCGS-Imagery (DCGS-I) Testbed, currently located at Nellis AFB, NV. These facilities support software development and test and Defense Intelligence Information Enterprise (DI2E)/DCGS Enterprise evaluation and test events and exercises.

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Air Force		Date: February 2018		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305240F / Support to DCGS Enterprise	Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems		
The DCGS Test Laboratory (DTL) conducts software development, test and test development, acceptance testing, including functional verification and validation and performance testing on DIB and DIB related software.				
DCGS-I Testbed is an integration and test environment, used by the Services and Agency DCGS Program Offices to conduct integration of DCGS components and test interoperability interfaces with new sensors, applications, and net-centric operations. This Testbed also supports the integration and testing of DoD DCGS components prior to introduction into the operational environment. Periodic upgrades ensure the Testbed stays current with DCGS standards and architecture. The Testbed supports the annual DCGS test event Enterprise Challenge, multiple USAF Weapons School Integration (WSINT) events, USAF Warfare Center Red Flag events and Global Hawk Interoperability tests.				
The funding also provides support to OUSD(I), AF DCGS and NATO interoperability efforts. This includes the development, testing, and implementation of international standards (to include NATO standardization agreements) to ensure joint, allied, and coalition interoperability.				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018	FY 2019
Title: Distributed Common Ground / Surface System (DCGS) Integration Backbone		4.055	6.173	6.273
Description: Upgrade, improve and manage the DCGS Integration Backbone (DIB).				
FY 2018 Plans:				
- Continue to upgrade, improve and manage the DIB with the next major/minor version release. Upgrade DCGS-A to the latest operationally fielded DIB version. Award new DIB Development contract.				
FY 2019 Plans:				
- Will continue to upgrade, improve and manage the DIB with the next/minor version release. Continue to work with DCGS Army to upgrade to the latest operationally fielded DIB version to support the global ISR enterprise.				
FY 2018 to FY 2019 Increase/Decrease Statement:				
Funding increased due to adjustment for inflation.				
Title: DCGS Test and Community Support (D-TACS)		7.176	6.556	6.660
Description: Provide test, independent verification and validation (IV&V) and Community Support to the DIB and the DoD DCGS Family of Systems.				
FY 2018 Plans:				
- Continue to enhance and improve the effectiveness and integration of the DTL and DCGS-I Test bed as a single integrated lab supporting DI2E test event Enterprise Challenge, multiple USAF Weapons School Integration (WSINT) events, USAF Warfare				

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Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305240F / Support to DCGS Enterprise	Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2017	FY 2018
Center Red Flag events and Global Hawk Interoperability Tests. Increase and improve overall support to the DCGS Enterprise. Continue DTL and Testbed technology refresh including upgrade to downlink antenna at the Nellis Testbed. FY 2019 Plans: - Will continue to enhance and improve the effectiveness and integration of the DTL and DCGS-I Test bed as a single integrated lab supporting DI2E test event Enterprise Challenge, multiple USAF Weapons School Integration (WSINT) events, USAF Warfare Center Red Flag events and Global Hawk Interoperability Tests. Will continue DTL and Testbed technology refresh including upgrade to downlink antenna at the Nellis Testbed. FY 2018 to FY 2019 Increase/Decrease Statement: Funding increased due to adjustment for inflation.			
Title: Support to DCGS Enterprise Description: Provide support to OUSD(I), AF DCGS and NATO Interoperability Enterprise efforts. FY 2018 Plans: - Continue to support to OUSD(I), AF DCGS and NATO Interoperability Enterprise efforts FY 2019 Plans: - Will continue to support to OUSD(I), AF DCGS and NATO Interoperability Enterprise efforts FY 2018 to FY 2019 Increase/Decrease Statement: Funding decreased due to minor adjustment by the Air Force.		2.200	2.240
Accomplishments/Planned Programs Subtotals		13.431	14.969
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy The Air Force uses an evolutionary acquisition approach with version releases and periodic upgrades to develop, field, and upgrade the system. The Air Force structures contracts to provide the improved capabilities through full and open competition to the maximum extent possible. For management, the Air Force leads the Multi-Service Execution Team and the DCGS Multi-Service Execution Team (MET) Office (DMO) which coordinates the Joint Service requirements for the DIB in support of USD(I) direction.			

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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 2019 Air Force												Date: February 2018			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305240F / Support to DCGS Enterprise				Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems					
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
DIB Modernization, Integration, DT and Interoperability	C/T&M	Various : Various	-	5.648	Jan 2017	8.008	Jan 2018	6.052	Jan 2019	-		6.052	Continuing	Continuing	-
DCGS Test and Community Support	C/CPFF	Various : Various	-	4.311	Jun 2017	2.433	Jun 2018	4.953	Jun 2019	-		4.953	Continuing	Continuing	-
Subtotal			-	9.959		10.441		11.005		-		11.005	Continuing	Continuing	N/A
Support (\$ 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
DCGS Team Support for DCGS Enterprise	C/Various	Various : Various	-	2.200	Jul 2017	2.247	Apr 2018	2.167	Apr 2019	-		2.167	Continuing	Continuing	-
Subtotal			-	2.200		2.247		2.167		-		2.167	Continuing	Continuing	N/A
Management Services (\$ 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
Mgmt Services	C/CPFF	Various : Bedford, MA	-	0.422	Apr 2017	1.090	Apr 2018	0.710	Apr 2019	-		0.710	Continuing	Continuing	-
PMA	C/CPAF	Various : Various	-	0.850	Feb 2017	1.191	Feb 2018	1.218	Feb 2019	-		1.218	Continuing	Continuing	-
Subtotal			-	1.272		2.281		1.928		-		1.928	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			-	13.431		14.969		15.100		-		15.100	Continuing	Continuing	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Air Force			Date: February 2018		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0305240F / Support to DCGS Enterprise		
			Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems		

	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
Virtual Imagery Processing Capability																												
Software Release (DIB 4.4)																												
Software Release (DIB 4.5)																												
Software Release (DIB 4.6)																												
Software Release (DIB 4.7)																												
Software Release (DIB 4.8)																												
Software Release (DIB 4.9)																												
Software Release (DIB x.x)																												

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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 0305240F / <i>Support to DCGS Enterprise</i>	Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Virtual Imagery Processing Capability</i>				
Software Release (DIB 4.4)	1	2017	3	2017
Software Release (DIB 4.5)	3	2017	1	2018
Software Release (DIB 4.6)	1	2018	3	2018
Software Release (DIB 4.7)	3	2018	1	2019
Software Release (DIB 4.8)	1	2019	3	2019
Software Release (DIB 4.9)	3	2019	1	2020
Software Release (DIB x.x)	3	2020	4	2023

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Air Force										Date: February 2018		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305240F / Support to DCGS Enterprise				Project (Number/Name) 675265 / Common Imagery Processor (CIP)			
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
675265: Common Imagery Processor (CIP)	-	9.653	11.380	11.479	0.000	11.479	11.692	11.895	12.143	12.364	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The Imagery Processing effort develops the Virtual Imagery Processing Capability (VIP-C) within the DCGS architecture. VIP-C accepts airborne imagery data, processes it into an exploitable format, and provides it to other elements within the weapon system and/or the DCGS Enterprise. Current efforts are transitioning the legacy imagery processor from a hardware/software capability to a virtual software capability, thereby improving enterprise processing capabilities. Efforts continue to keep the capability on track to handle the current sensors. Activities also include testing, development, and demonstrations integrating updated and new/emerging sensors into DCGS.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2017	FY 2018	FY 2019	
Title: Imagery Processor									9.653	11.380	11.479	
Description: Continue developing VIP-C to keep pace with growing sensor baseline and enhance imagery data quality.												
FY 2018 Plans: - Continue developing new VIP-C versions that provide increased data throughput, image data conditioning, quality enhancements, and migrate new sensor data ingest capabilities (like MS-177/A) into the architecture.												
FY 2019 Plans: - Will continue to upgrade and improve VIP-C to enable better geo-coordinate accuracy, facilitate automated intelligence discovery and integrate new algorithms.												
FY 2018 to FY 2019 Increase/Decrease Statement: Inflation												
Accomplishments/Planned Programs Subtotals									9.653	11.380	11.479	
C. Other Program Funding Summary (\$ in Millions)												
Line Item	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	
• OPAF 04 Line Item 846080: DCGS-AF	3.532	3.611	3.697	-	3.697	3.780	3.521	3.585	3.612	Continuing	Continuing	
Remarks												

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D. Acquisition Strategy For imagery processing the Air Force uses an evolutionary acquisition approach with increments and spirals to develop, field, and upgrade the system and structure contracts for the improved capabilities through full and open competition to the maximum extent possible. In terms of management, Air Force leads the Cross Service Working Group that aligns imagery processing capabilities across the Joint Services in support of USD(I)direction.		
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 2019 Air Force												Date: February 2018		
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305240F / Support to DCGS Enterprise				Project (Number/Name) 675265 / Common Imagery Processor (CIP)				

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
Imagery Processing Software Development	C/CPFF	Various : Various	-	9.653	Mar 2017	11.380	Mar 2018	11.479	Apr 2019	-		11.479	Continuing	Continuing	-
Subtotal			-	9.653		11.380		11.479		-		11.479	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	-	9.653	11.380	11.479	-	11.479	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Air Force																Date: February 2018			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0305240F / Support to DCGS Enterprise								Project (Number/Name) 675265 / Common Imagery Processor (CIP)			

	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
Virtual Imagery Processing Capability																												
Software Release (3.42)																												
Software Release (3.44)																												
Software Release (3.46)																												
Software Release (3.48)																												
Software Release (3.50)																												
Software Release (3.52)																												
Software Release (3.54)																												
Software Release (3.x)																												

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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 0305240F / Support to DCGS Enterprise	Project (Number/Name) 675265 / Common Imagery Processor (CIP)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Virtual Imagery Processing Capability</i>				
Software Release (3.42)	1	2017	1	2017
Software Release (3.44)	2	2017	3	2017
Software Release (3.46)	4	2017	1	2018
Software Release (3.48)	2	2018	3	2018
Software Release (3.50)	4	2018	1	2019
Software Release (3.52)	2	2019	3	2019
Software Release (3.54)	4	2019	1	2020
Software Release (3.x)	2	2020	3	2023