

# UNCLASSIFIED

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2019 Air Force **Date:** February 2018

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i>					<b>R-1 Program Element (Number/Name)</b> PE 0207431F <i>I Combat Air Intelligence System Activities</i>							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019 Base</b>	<b>FY 2019 OCO</b>	<b>FY 2019 Total</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	-	15.461	13.420	10.316	0.000	10.316	10.368	10.557	10.783	10.981	Continuing	Continuing
675306: <i>Analysis Enterprise</i>	-	0.000	1.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
675307: <i>TARGETING ENTERPRISE RESEARCH</i>	-	5.813	11.717	9.451	0.000	9.451	9.622	9.797	10.007	10.191	Continuing	Continuing
675309: <i>GEO Info &amp; Serv Software</i>	-	9.648	0.700	0.865	0.000	0.865	0.746	0.760	0.776	0.790	Continuing	Continuing

**Note**  
This program, BA 07 PE 0207431F, project 675306, Fund Acq/Intel STAR VOLT, is a new start.

## A. Mission Description and Budget Item Justification

The mission of Combat Air Intelligence Systems (CAIS) is to process, analyze, and disseminate intelligence for air component and unit operations worldwide by providing key intelligence infrastructure and production capabilities for the supported and supporting forces with true backbone type of intelligence support for air operations and air support to joint operations. CAIS is focused on providing the intelligence infrastructure and funding to Air Force Major Commands, Intelligence, Cyber and Space Squadrons, Field Operating Agencies, and subordinate units.

This program is in Budget Activity 7, Operational System Development, because this budget activity includes development efforts to upgrade and integrate 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>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019 Base</b>	<b>FY 2019 OCO</b>	<b>FY 2019 Total</b>
Previous President's Budget	10.911	13.420	10.393	0.000	10.393
Current President's Budget	15.461	13.420	10.316	0.000	10.316
Total Adjustments	4.550	0.000	-0.077	0.000	-0.077
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	4.550	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	-0.077	0.000	-0.077

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2019 Air Force										<b>Date:</b> February 2018		
<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>				<b>Project (Number/Name)</b> 675306 / <i>Analysis Enterprise</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019 Base</b>	<b>FY 2019 OCO</b>	<b>FY 2019 Total</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
675306: <i>Analysis Enterprise</i>	-	0.000	1.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
<b>A. Mission Description and Budget Item Justification</b> Supports increase in System Threat Assessment Reports (STARs) production. The Validated Online Lifecycle Threat (VOLT) supports acquisition of weapons systems that are tailored to defeat future threats. This Project meets DoD 5000.02-mandated requirement for increase in STAR.												
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>							<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019 Base</b>	<b>FY 2019 OCO</b>	<b>FY 2019 Total</b>	
<b>Title:</b> Fund Acq/Intel STAR VOLT  <b>Description:</b> DoD 5000.02 mandated a 100% increase in System Threat Assessment Reports (STARs) production. The Validated Online Lifecycle Threat (VOLT), STAR replacement, supports acquisition of weapon systems that are more effective against future threats.  <b>FY 2018 Plans:</b> Provides RDT&E support required to meet DoDI 5000.02 STAR mandate and create specialized software to automatically extract/compile data from intel databases.  <b>FY 2018 to FY 2019 Increase/Decrease Statement:</b> Funding decreased due to completion of software development.							-	1.003	-	-	-	
<b>Accomplishments/Planned Programs Subtotals</b>							-	1.003	-	-	-	
<b>C. Other Program Funding Summary (\$ in Millions)</b>												
<b>Line Item</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019 Base</b>	<b>FY 2019 OCO</b>	<b>FY 2019 Total</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	
• OPAF 03 Line Item 832070: <i>Intelligence Comm Equipment</i>	6,242.000	6,549.000	6,286.000	-	6,286.000	4,396.000	4,475.000	4,557.000	4,639.000	Continuing	Continuing	
• RDTE 07 PE 0207431F: <i>Combat Air Intelligence Systems</i>	10,911.000	13,420.000	10,393.000	0.000	10,393.000	10,446.000	10,637.000	10,862.000	11,059.000	Continuing	Continuing	
<b>Remarks</b>												
<b>D. Acquisition Strategy</b> N/A												

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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 0207431F / <i>Combat Air Intelligence System Activities</i>	Project (Number/Name) 675306 / <i>Analysis Enterprise</i>

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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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2019 Air Force												<b>Date:</b> February 2018		
<b>Appropriation/Budget Activity</b> 3600 / 7						<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>				<b>Project (Number/Name)</b> 675306 / <i>Analysis Enterprise</i>				

  

<b>Product Development (\$ in Millions)</b>				<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019 Base</b>		<b>FY 2019 OCO</b>		<b>FY 2019 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</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>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Not specified.	Various	NASIC : WPAFB, OH	-	-		1.003		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		1.003		-		-		-	Continuing	Continuing	N/A

  

			<b>Prior Years</b>	<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019 Base</b>		<b>FY 2019 OCO</b>		<b>FY 2019 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			-	-		1.003		-		-		-	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 0207431F / Combat Air Intelligence System Activities										Project (Number/Name) 675306 / Analysis Enterprise									

	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
STAR VOLT																												
Begin VOLT Software upgrade																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2019 Air Force		<b>Date:</b> February 2018
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>	<b>Project (Number/Name)</b> 675306 / <i>Analysis Enterprise</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>STAR VOLT</b>				
Begin VOLT Software upgrade	1	2018	4	2018

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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 0207431F / Combat Air Intelligence System Activities				Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH			
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
675307: TARGETING ENTERPRISE RESEARCH	-	5.813	11.717	9.451	0.000	9.451	9.622	9.797	10.007	10.191	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
Provides support to personnel utilizing Target Development, Planning, and Execution applications; Unit Level Intelligence; Tactical Intelligence Applications; and direct support to national, combatant command, and Air Force intelligence missions. This program element may include necessary civilian pay expenses required to manage, execute, and deliver Targeting 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.												
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: Targeting Enterprise Research								5.813	11.717	9.451	0.000	9.451
Description: Continue to conduct Targeting Enterprise research and advancement for projects such as Information for Operational and Tactical Analysis (IOTA), Joint Targeting Toolbox (JTT), Global Command and Control System Integrated Imagery and Intelligence (GCCS-I3), Intelligence, Surveillance and Reconnaissance (ISR) Strategy-to-Task Assessment of Kill-chain Effectiveness (STAKE), and Imagery Analyst (IA) Pioneer Electronic Light Table (ELT), and Full Spectrum Targeting (FST). This budget item also funds emerging targeting capabilities (such as Target System Analysis, 4D visualization, etc.) and modernization efforts.												
FY 2018 Plans: Continued the phased modernization of capabilities within the T&G portfolio, expand test automation, and migrate to a true Continuous Integration/DevOps environment to support continuous delivery to the warfighter.												
FY 2019 Base Plans: Continue the phased modernization of capabilities within the T&G portfolio, expand test automation, and migrate to a true Continuous Integration/DevOps environment to support continuous delivery to the warfighter.												
FY 2019 OCO Plans: N/A												
FY 2018 to FY 2019 Increase/Decrease Statement: Funding decrease reflects return to baseline levels after FY18 ramp-up to support initial Modernization efforts.												
Accomplishments/Planned Programs Subtotals								5.813	11.717	9.451	0.000	9.451

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2019 Air Force			<b>Date:</b> February 2018
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>	<b>Project (Number/Name)</b> 675307 / <i>TARGETING ENTERPRISE RESEARCH</i>	

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

<u>Line Item</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u> <u>Base</u>	<u>FY 2019</u> <u>OCO</u>	<u>FY 2019</u> <u>Total</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPAF 03 Line Item 832070: <i>Intelligence Comm Equipment</i>	6.294	6.534	6.273	-	6.273	4.384	4.464	-	-	Continuing	Continuing

**Remarks**

Combat Air Intelligence System (CAIS) procurement funds.

**D. Acquisition Strategy**

All contracts are awarded based on full and open competition.

**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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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2019 Air Force</b>												<b>Date: February 2018</b>			
<b>Appropriation/Budget Activity</b> 3600 / 7						<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>						<b>Project (Number/Name)</b> 675307 / <i>TARGETING ENTERPRISE RESEARCH</i>			
<b>Product Development (\$ in Millions)</b>				<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019 Base</b>		<b>FY 2019 OCO</b>		<b>FY 2019 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</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>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Targeting Enterprise Research	Various	TBD : TBD, NV	-	4.634	Dec 2016	9.374	Dec 2017	7.701		-		7.701	Continuing	Continuing	-
<b>Subtotal</b>			-	4.634		9.374		7.701		-		7.701	Continuing	Continuing	N/A
<b>Support (\$ in Millions)</b>				<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019 Base</b>		<b>FY 2019 OCO</b>		<b>FY 2019 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</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>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Targeting Systems Support	Various	SPAWAR : Phili, PA	-	0.598	Dec 2016	0.603	Dec 2017	0.600	Dec 2018	0.000		0.600	Continuing	Continuing	-
DMS, MilCloud	Various	Various : NA	-	0.174		0.920		0.350		-		0.350	Continuing	Continuing	-
<b>Subtotal</b>			-	0.772		1.523		0.950		0.000		0.950	Continuing	Continuing	N/A
<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019 Base</b>		<b>FY 2019 OCO</b>		<b>FY 2019 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</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>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
46th Test Squadron	PO	46th Test Squadron : Eglin, FL	-	0.295	Dec 2016	0.351	Dec 2017	0.300	Dec 2018	0.000		0.300	Continuing	Continuing	-
<b>Subtotal</b>			-	0.295		0.351		0.300		0.000		0.300	Continuing	Continuing	N/A
<b>Management Services (\$ in Millions)</b>				<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019 Base</b>		<b>FY 2019 OCO</b>		<b>FY 2019 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</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>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Targeting Research Enterprise	Various	Program Management Office : Hanscom, MA	-	0.112	Dec 2016	0.469	Dec 2017	0.500	Nov 2018	0.000		0.500	Continuing	Continuing	-
<b>Subtotal</b>			-	0.112		0.469		0.500		0.000		0.500	Continuing	Continuing	N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2019 Air Force										<b>Date:</b> February 2018			
<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>					<b>Project (Number/Name)</b> 675307 / <i>TARGETING ENTERPRISE RESEARCH</i>			
	<b>Prior Years</b>	<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019 Base</b>		<b>FY 2019 OCO</b>		<b>FY 2019 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	-	5.813		11.717		9.451		0.000		9.451	Continuing	Continuing	N/A
<b>Remarks</b>													

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Air Force										Date: February 2018			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0207431F / Combat Air Intelligence System Activities					675307 / TARGETING ENTERPRISE RESEARCH			

	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
Targeting																												
Software/Hardware Development																												
Test and Evaluation																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2019 Air Force			<b>Date:</b> February 2018
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>	<b>Project (Number/Name)</b> 675307 / <i>TARGETING ENTERPRISE RESEARCH</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Targeting</b>				
Software/Hardware Development	1	2017	4	2021
Test and Evaluation	1	2017	4	2021

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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 0207431F / Combat Air Intelligence System Activities				Project (Number/Name) 675309 / GEO Info & Serv Software			
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
675309: GEO Info & Serv Software	-	9.648	0.700	0.865	0.000	0.865	0.746	0.760	0.776	0.790	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Provides support to personnel using Geospatial resources utilized in Geospatial Intelligence (GEOINT) databasing applications, unit level intelligence, technology exploration and refresh initiatives, management and dissemination architecture, geospatial information and services modernization, and enablers for targeting capabilities. Provides support to the MAJCOMs to ensure requisite and available target intelligence and GEOINT tools for information directly available to warfighters.

The GEOINT information and service software program funds the Air Force Geospatial Product Library (GPL) which is currently fielded to all combatant command air components and subordinate units supporting global air operations. The GPL provides digital GEOINT data to support mission planning, targeting & intelligence in support of mission objectives.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver Geospatial Intelligence 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

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

	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019 Base</b>	<b>FY 2019 OCO</b>	<b>FY 2019 Total</b>
<b>Title:</b> Enhanced Geospatial Product Library (EGPL)	9.648	0.700	0.865	-	0.865
<b>Description:</b> Provide continuing support for EGPL software and storage to meet future and evolving IT and GEOINT standards and support.					
<b>FY 2018 Plans:</b> Continue to develop EGPL software and initiate modernization efforts.					
<b>FY 2019 Base Plans:</b> Continue to develop EGPL software and continue modernization efforts.					
<b>FY 2018 to FY 2019 Increase/Decrease Statement:</b> Funding increase required to provide additional EGPL software enhancements and to continue modernization efforts.					
<b>Accomplishments/Planned Programs Subtotals</b>	9.648	0.700	0.865	-	0.865

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2019 Air Force										<b>Date:</b> February 2018	
<b>Appropriation/Budget Activity</b> 3600 / 7				<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>				<b>Project (Number/Name)</b> 675309 / <i>GEO Info &amp; Serv Software</i>			
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
			<u>FY 2019</u>	<u>FY 2019</u>	<u>FY 2019</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Complete</u>	<u>Total Cost</u>
• OPAF 03 Line Item 832070: <i>Intelligence Comm Equipment</i>	6.294	6.534	6.273	-	6.273	4.384	4.464	-	-	Continuing	Continuing
<b>Remarks</b>											
<b>D. Acquisition Strategy</b>											
All major contracts within this project will be awarded after 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.											

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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 0207431F / Combat Air Intelligence System Activities				Project (Number/Name) 675309 / GEO Info & Serv Software					
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
Enhanced Geospatial Product Library	Various	TBD : TBD, NV	-	4.576	Jan 2017	0.700	Jan 2018	0.865	Jan 2019	0.000		0.865	Continuing	Continuing	-
Arc GIS	Reqn	Multiple : Multiple	-	5.000	Mar 2018	0.000		-		-		-	Continuing	Continuing	-
Subtotal			-	9.576		0.700		0.865		0.000		0.865	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
Not specified.	C/CPAF	Not specified. : TBD	-	-		-		-		-		-	Continuing	Continuing	-
Subtotal			-	-		-		-		-		-	Continuing	Continuing	N/A
Test and Evaluation (\$ 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
46 Test Squadron	PO	46th Test Squadron : Eglin, FL	-	0.029	Dec 2016	0.000		0.000		0.000		0.000	Continuing	Continuing	-
Subtotal			-	0.029		0.000		0.000		0.000		0.000	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
Program Office Support	Various	Not Specified : Hanscom, MA	-	0.043	Jan 2017	0.000		0.000		0.000		0.000	Continuing	Continuing	-
Subtotal			-	0.043		0.000		0.000		0.000		0.000	Continuing	Continuing	N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2019 Air Force										<b>Date:</b> February 2018			
<b>Appropriation/Budget Activity</b> 3600 / 7				<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>				<b>Project (Number/Name)</b> 675309 / <i>GEO Info &amp; Serv Software</i>					
	<b>Prior Years</b>	<b>FY 2017</b>		<b>FY 2018</b>		<b>FY 2019 Base</b>		<b>FY 2019 OCO</b>		<b>FY 2019 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	-	9.648		0.700		0.865		0.000		0.865	Continuing	Continuing	N/A
<b>Remarks</b>													



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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 0207431F / Combat Air Intelligence System Activities					Project (Number/Name) 675309 / GEO Info & Serv Software				

	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
Targeting																												
Software Development																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2019 Air Force		<b>Date:</b> February 2018
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0207431F / <i>Combat Air Intelligence System Activities</i>	<b>Project (Number/Name)</b> 675309 / <i>GEO Info &amp; Serv Software</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Targeting</i>				
Software Development	1	2017	4	2021