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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0604445F I Wide Area Surveillance							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	-	4.836	2.000	24.577	-	24.577	9.529	5.515	5.652	4.743	Continuing	Continuing
675895: Wide Area Surveillance	-	4.836	2.000	24.577	-	24.577	9.529	5.515	5.652	4.743	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

NOTE: The Stateside Affordable Radar System (STARS) is an ARMY effort managed by the Joint Integrated Air and Missile Defense Office (JIAMDO). Beginning in FY14, PE 0604445F funds the establishment of an Air Force program office and development of acquisition documentation in preparation for the program transferring to the AF in FY16. For further details, please refer to PE 0604445J.

A. Mission Description and Budget Item Justification

The Stateside Affordable Radar System (STARS) is an ARMY effort managed by the Joint Integrated Air and Missile Defense Office (JIAMDO). For further details, please refer to PE 0604445J.

Beginning in FY14, PE 0604445F funds the development and installation of STARS Engineering Developmental Models (EDMs). The EDMs will be part of a demonstration to evaluate further development and fielding of STARS as a means to improve the existing air surveillance capabilities for homeland defense.

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)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	5.000	-	18.240	-	18.240
Current President's Budget	4.836	2.000	24.577	-	24.577
Total Adjustments	-0.164	2.000	6.337	-	6.337
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	2.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.164	-			
• Other Adjustments	-	-	6.337	-	6.337

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Change Summary Explanation FY16 funding increased to fully fund the development of STARS.						
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: Program Office Establishment		4.836	0.500	-	-	-
Description: Establish Air Force program office and coordinate with the ARMY program office to transfer the effort to the Air Force.						
FY 2014 Accomplishments: - Started efforts to establish Air Force program office, which included coordination of the Air Force development team with the Army team, to facilitate transfer of STARS to the Air Force. - Started developing acquisition documentation.						
FY 2015 Plans: - Continue efforts to establish Air Force program office, which includes coordination of the Air Force development team with the Army team, to facilitate transfer of STARS to the Air Force. - Continue developing acquisition documentation.						
FY 2016 Base Plans: N/A						
FY 2016 OCO Plans: N/A						
Title: Development & Fielding		-	1.500	24.577	-	24.577
Description: Development & Fielding						
FY 2014 Accomplishments: N/A						
FY 2015 Plans: - Development efforts include multiple site specific requirements, such as, but not limited to: security, site maintenance, equipment maintenance, material shipping, etc. - Development and fielding of a series of prototypes to reduce the risk of an eventual full rate production.						
FY 2016 Base Plans:						

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C. Accomplishments/Planned Programs (\$ in Millions)											
	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total						
- Will continue development efforts including multiple site specific requirements, such as, but not limited to: security, site maintenance, equipment maintenance, material shipping, etc. - Will also continue developing/fielding a series of prototypes to reduce the risk of an eventual full rate production. FY 2016 OCO Plans: N/A											
Accomplishments/Planned Programs Subtotals	4.836	2.000	24.577	-	24.577						
D. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• RDTE: BA04: PE 0604445J: <i>Wide Area Surveillance</i>	30.000	53.000	-	-	-	-	-	-	-	-	83.000
Remarks											
E. Acquisition Strategy To be determined upon transition to Air Force in FY16											
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 2016 Air Force												Date: February 2015			
Appropriation/Budget Activity						R-1 Program Element (Number/Name)				Project (Number/Name)					
3600 / 7						PE 0604445F / Wide Area Surveillance				675895 / Wide Area Surveillance					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
STARS	Various	Various : Various,	-	-		1.500	Mar 2015	21.337	Mar 2015	-		21.337	Continuing	Continuing	-
Subtotal			-	-		1.500		21.337		-		21.337	-	-	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Subtotal			-	-		-		-		-		-	-	-	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Test Support	Various	TBD : TBD,	-	-		-		1.100	Jan 2016	-		1.100	Continuing	Continuing	-
Subtotal			-	-		-		1.100		-		1.100	-	-	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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 Management Administration	Various	Various : Various,	-	4.836	Jun 2014	0.500	Mar 2015	2.140	Dec 2015	-		2.140	Continuing	Continuing	-
Subtotal			-	4.836		0.500		2.140		-		2.140	-	-	-
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	4.836		2.000		24.577		-		24.577	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Air Force	Date: February 2015
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Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0604445F / <i>Wide Area Surveillance</i>	Project (Number/Name) 675895 / <i>Wide Area Surveillance</i>
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	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
Program Office Stand Up																												
Program Transfers to Air Force																												
Development, Test, & Fielding																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Program Office Stand Up	1	2014	4	2015
Program Transfers to Air Force	1	2016	1	2016
Development, Test, & Fielding	1	2016	4	2020