

# UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0605380A / AMF Joint Tactical Radio System (JTRS)							
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	-	9.874	6.878	12.987	-	12.987	11.091	36.114	26.196	8.636	Continuing	Continuing
EA9: Airborne Maritime Fixed - Small Airborne (AMF-SA)	-	9.874	6.878	6.832	-	6.832	0.699	0.713	0.728	2.982	Continuing	Continuing
EG6: Small Airborne Networking Radio (SANR)	-	-	-	6.155	-	6.155	10.392	35.401	25.468	5.654	Continuing	Continuing

## A. Mission Description and Budget Item Justification

The Airborne Maritime/Fixed Station (AMF) radios are software programmable, multi-band, multi-mode, mobile ad hoc networking radios, providing simultaneous voice, data, and video communications for Army Aviation platforms. The radios will operate in networks supporting the Common Operating Picture (COP), Situational Awareness (SA), and interoperability of Mission Command (MC) systems throughout the battlefield. AMF radios will ensure the Soldier's ability to communicate both horizontally and vertically via voice and data within all mission areas and Common Operating Environment (COE). AMF radios will help close capability gaps by extending data networking to company and below echelons, enabling network services to the platform and connecting Army Aviation platforms to Army ground and Joint air network domains. Per Milestone Decision Authority (MDA) direction, the restructured AMF Program will procure radios as Non-Developmental Items (NDI). The Milestone Decision Authority (MDA), Under Secretary of Defense for Acquisition, Technology, and Logistics (USD AT&L), signed the Acquisition Program Baseline (APB) along with the Acquisition Decision Memorandum (ADM) in May of 2014, which identifies the Small Airborne Link 16 Terminal (SALT) and Small Airborne Networking Radio (SANR) as subprograms.

AMF will operate networking waveforms that are deployed by Joint Forces today, enable interoperability between different types of platforms, and transport operational and MC information through the tactical network. AMF is relevant to the Joint Functional Concept (Net-Centric Environment), Joint Integrating Concept (Net-Centric Operational Environment), Joint Operating Concept (Major Combat Operations, Stability Operations), and JTRS Concept of Operations (Tactical Wireless Joint Networks ).

Total FY2016 funding is \$12.987 million of which \$6.832 million is allocated to SALT (Project EA9), and \$6.155 million will be allocated to SANR (Project EG6).

The FY 2016 funding allocation for SALT will provide funding that is necessary to complete Market Research efforts required for approval of the Acquisition Strategy, revision and release of the Request for Proposal (RFP), to begin source selection and associated testing activities in support of Contract Award, and to provide office level support for the product and project offices.

The FY 2016 funding allocation to SANR will provide funding that is necessary to complete Market Research, develop and release the Request for Proposal (RFP), and conduct source selection activities including aircraft integration, lab and airborne testing in support of contract award.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army				Date: February 2015	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)		PE 0605380A / AMF Joint Tactical Radio System (JTRS)			
B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	10.213	6.882	12.346	-	12.346
Current President's Budget	9.874	6.878	12.987	-	12.987
Total Adjustments	-0.339	-0.004	0.641	-	0.641
• Congressional General Reductions	-	-0.004			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.339	-			
• Adjustments to Budget Years	-	-	0.641	-	0.641

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605380A / AMF Joint Tactical Radio System (JTRS)				Project (Number/Name) EA9 / Airborne Maritime Fixed - Small Airborne (AMF-SA)			
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
EA9: Airborne Maritime Fixed - Small Airborne (AMF-SA)	-	9.874	6.878	6.832	-	6.832	0.699	0.713	0.728	2.982	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

## Note

In FY 2014-FY 2020, Project EA9 represents the total Airborne Maritime Fixed Small Airborne (AMF-SA) RDT&E budget for those years. Prior to FY 2014, JTRS AMF was funded under Navy PE 0604280N aligned under the Navy Joint Tactical Radio System (JTRS) Programs. In accordance with the Acquisition Decision Memorandum (ADM) dated 11 July 2012, the JTRS Program of Record (POR) transitioned to a Military Department-managed program. On 29 July 2013, USD (AT&L) issued Congressional notification which addressed the intent to establish Small Airborne Link 16 Terminal (SALT) and Small Airborne Networking Radio (SANR) as major subprograms under the AMF Program. Project EA9 represents the SALT RDTE subprogram budget under Airborne Maritime Fixed Small Airborne (AMF-SA). AMF JTRS is managed by Program Executive Office Command, Control and Communications (PEO C3T) under Project Manager Tactical Radios (PM TR), funded by Army PE 0605380A.

## A. Mission Description and Budget Item Justification

The Airborne Maritime/Fixed Station will procure Non-Developmental Item (NDI) software programmable, multi-band, multi-mode, multi-channel networking radios that will satisfy requirements for Army managed airborne and air-to-ground communications networks. The radios will operate in networks supporting the Common Operating Picture (COP), Situational Awareness (SA), and interoperability of Mission Command (MC) systems throughout the battlefield.

AMF radios will ensure the Soldier's ability to communicate both horizontally and vertically via voice and data within all mission areas and Common Operating Environment (COE). AMF radios will help close capability gaps by extending data networking to company and below echelons, enabling network services to the platform and connecting Army Aviation platforms to Army ground and Joint air network domains. Per Milestone Decision Authority (MDA) direction, the restructured AMF Program will procure radios as Non-Developmental Items (NDI). The Milestone Decision Authority (MDA), Under Secretary of Defense for Acquisition, Technology, and Logistics (USD AT&L), signed the Acquisition Program Baseline (APB) along with the Acquisition Decision Memorandum (ADM) May 2014, which identifies the Small Airborne Link 16 Terminal (SALT) and Small Airborne Networking Radio (SANR) as subprograms.

AMF will operate networking waveforms that are deployed by Joint Forces today, enable interoperability between different types of platforms, and transport operational and MC information through the tactical network. AMF is relevant to the Joint Functional Concept (Net-Centric Environment), Joint Integrating Concept (Net-Centric Operational Environment), Joint Operating Concept (Major Combat Operations, Stability Operations), and JTRS Concept of Operations (Tactical Wireless Joint Networks).

Total FY2016 funding is \$12.987M of which \$6.832M is allocated to SALT (Project EA9).

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Army							<b>Date:</b> February 2015				
<b>Appropriation/Budget Activity</b> 2040 / 5				<b>R-1 Program Element (Number/Name)</b> PE 0605380A / AMF Joint Tactical Radio System (JTRS)			<b>Project (Number/Name)</b> EA9 / Airborne Maritime Fixed - Small Airborne (AMF-SA)				
<p>The FY 2016 SALT budget will provide funding that is necessary to complete Market Research efforts required for approval of the Acquisition Strategy, revision and release of the Request for Proposal (RFP), begin source selection and associated testing activities in support of Contract Award, and provide office level support for the product and project offices.</p>											
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>							<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>		
<p><b>Title:</b> Airborne Maritime Fixed Small Airborne (AMF-SA).</p> <p><b>Description:</b> Airborne Maritime Fixed Small Airborne (AMF-SA).</p> <p><b>FY 2014 Accomplishments:</b> The PMO will conduct source selection and source selection testing with a contract award. Production Qualification Testing (PQT) for the Small Airborne Link 16 Terminal (SALT) to be conducted in FY15 will be funded with FY14 dollars due to a Q1FY15 start.</p> <p><b>FY 2015 Plans:</b> With the funding in FY2015, the PMO will only be able to conduct the Production Qualification Testing (PQT) and Pre-solicitation Reliability Testing (PRT)for Small Airborne Link 16 Terminal (SALT). Army Test and Evaluation Command (ATEC) will be funded to support program test &amp; evaluation and requirements efforts.</p> <p><b>FY 2016 Plans:</b> With FY2016 funding, the PMO will complete Market Research efforts required for approval of the Acquisition Strategy, revision and release of the Request for Proposal (RFP), and begin source selection and associated testing activities in support of Contract Award. Army Test and Evaluation Command (ATEC) will be funded to support program test &amp; evaluation and requirements efforts.</p>							9.874	6.878	6.832		
<b>Accomplishments/Planned Programs Subtotals</b>							9.874	6.878	6.832		
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u> <u>Base</u>	<u>FY 2016</u> <u>OCO</u>	<u>FY 2016</u> <u>Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• B90900: B90902 Airborne Maritime Fixed - Small Airborne (AMF-SA)	-	-	-	-	-	23.594	30.668	35.823	46.881	Continuing	Continuing
<b>Remarks</b>											
<b>D. Acquisition Strategy</b>											
<p>The Small Airborne Link 16 Terminal (SALT) program's acquisition strategy is to procure radios for the Apache aircraft. The SALT radio will be capable of operating Link 16 and Soldier Radio Waveform (SRW). The acquisition strategy for SALT is full and open competition using a Non-Developmental Item (NDI) procurement approach. The strategy supports a concept in which NDI radios can be selected from a qualified vendor base and tailored to platform needs.</p>											

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605380A / AMF Joint Tactical Radio System (JTRS)	Project (Number/Name) EA9 / Airborne Maritime Fixed - Small Airborne (AMF-SA)
E. Performance Metrics N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army												Date: February 2015			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0605380A / AMF Joint Tactical Radio System (JTRS)				Project (Number/Name) EA9 / Airborne Maritime Fixed - Small Airborne (AMF-SA)					
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
AMF-SA Business Operations Management and Support	Various	Various : Various	0.000	5.518		3.014		2.417		-		2.417	Continuing	Continuing	-
Subtotal			0.000	5.518		3.014		2.417		-		2.417	-	-	-
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
AMF-SA - System Engineering and Requirements Validation	Various	Various : Various	0.000	1.160		1.325		1.863		-		1.863	Continuing	Continuing	-
Subtotal			0.000	1.160		1.325		1.863		-		1.863	-	-	-
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
AMF-SA - Logistics Support	Various	Various : Various	0.000	1.242		1.267		1.276		-		1.276	Continuing	Continuing	-
Subtotal			0.000	1.242		1.267		1.276		-		1.276	-	-	-
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
AMF-SA - Test and Evaluation and Test Support	Various	Various : Various	0.000	1.954		1.272		1.276		-		1.276	Continuing	Continuing	-
Subtotal			0.000	1.954		1.272		1.276		-		1.276	-	-	-

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2016 Army										<b>Date:</b> February 2015			
<b>Appropriation/Budget Activity</b> 2040 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0605380A / AMF Joint Tactical Radio System (JTRS)					<b>Project (Number/Name)</b> EA9 / Airborne Maritime Fixed - Small Airborne (AMF-SA)			
	<b>Prior Years</b>	<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	0.000	9.874		6.878		6.832		-		6.832	-	-	-
<b>Remarks</b>													

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																				Date: February 2015												
Appropriation/Budget Activity										R-1 Program Element (Number/Name)										Project (Number/Name)												
2040 / 5										PE 0605380A / AMF Joint Tactical Radio System (JTRS)										EA9 / Airborne Maritime Fixed - Small Airborne (AMF-SA)												
Event Name	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				
Source Selection (SSel) Activities and Testing					SSel Activities & Test																											
(1) SALT NDI Contract Award																																
Production Qualification Test (PQT)																																
Reliability Verification Test (RVT)																																
Link 16 Waveform Standards Conformance Test (WSCT)																																
Soldier Radio Waveform (SRW) Waveform Standards Conformance Test																																
Airborne Integrated Test (AIT)																																
(2) Milestone C																																
(3) Low Rate Initial Production (LRIP) Contract Option																																
Development Test (DT) Lab																																
Development Test (DT) Flight																																
Initial Operational Test and Evaluation (IOT&E)																																



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2016 Army			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605380A / AMF Joint Tactical Radio System (JTRS)	<b>Project (Number/Name)</b> EA9 / Airborne Maritime Fixed - Small Airborne (AMF-SA)	

**Schedule Details**

<b>Events</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
Source Selection (SSel) Activities and Testing	3	2016	1	2017
SALT NDI Contract Award	1	2017	1	2017
Production Qualification Test (PQT)	2	2017	4	2017
Reliability Verification Test (RVT)	4	2017	3	2018
Link 16 Waveform Standards Conformance Test (WSCT)	4	2017	4	2017
Soldier Radio Waveform (SRW) Waveform Standards Conformance Test ( WSCT)	1	2018	2	2018
Airborne Integrated Test (AIT)	4	2018	1	2019
Milestone C	2	2019	2	2019
Low Rate Initial Production (LRIP) Contract Option	3	2019	3	2019
Development Test (DT) Lab	4	2019	1	2020
Development Test (DT) Flight	1	2020	2	2020
Initial Operational Test and Evaluation (IOT&E)	3	2020	3	2020

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605380A / AMF Joint Tactical Radio System (JTRS)				Project (Number/Name) EG6 / Small Airborne Networking Radio (SANR)			
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
EG6: Small Airborne Networking Radio (SANR)	-	-	-	6.155	-	6.155	10.392	35.401	25.468	5.654	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

## Note

Starting in FY16 Project No. EG6 represents the total Small Airborne Networking Radio (SANR) RDT&E budgets. Prior to FY 2014, JTRS AMF was funded under Navy PE 0604280N aligned under the Navy Joint Tactical Radio System (JTRS) Programs. In accordance with the Acquisition Decision Memorandum (ADM) dated 11 July 2012, the JTRS Program of Record (POR) transitioned to a Military Department-managed program. AMF JTRS is now managed by Program Executive Office Command, Control and Communications Tactical(PEO C3T) under Project Manager Tactical Radios (PM TR), funded by Army PE 0605380A.

## A. Mission Description and Budget Item Justification

Airborne Maritime/Fixed Station - Small Airborne (AMF-SA) radios are software programmable, multi-band, multi-mode, mobile ad hoc networking radios, providing simultaneous voice, data, and video communications. The radios will support the Common Operating Picture (COP), Situational Awareness (SA), and interoperability of Mission Command (MC) systems throughout the battlefield. AMF requirements are satisfied via the combined capabilities of two systems-the Small Airborne Networking Radio (SANR) and Small Airborne Link 16 Terminal (SALT). Their waveforms support MC COP, SA and ensure Aviation platforms communicate both horizontally and vertically via voice and data. Per Milestone Decision Authority (MDA) direction, the redefined AMF Program will procure radios as Non-Developmental Items (NDI).

The communication capabilities provided by AMF SANR provide two new network waveforms (SRW and WNW), and one legacy waveform (VHF-FM SINCGARS), that will enhance and further enable the ability of the maneuver commander to integrate and synchronize aviation forces with land based operational forces. AMF SANR, employed on all Army tactical aircraft (reconnaissance, attack, cargo, and utility), will enable Aviation combat elements (Combat Aviation Brigades (CAB), Theater Aviation Brigades (TAB), and Special Operations Aviation Regiment (SOAR)), to better utilize the inherent versatility of Aviation as a complement to the unique capabilities of the other Combat Arms. The new networks will give commanders enhanced SA and MC in a package that provides a more responsive means of directing aircraft to match changing maneuver forces situations and missions.

The FY 2016 funding will conduct Market Research, develop and release the Request for Proposal (RFP), and conduct source selection activities including aircraft integration, lab and airborne testing in support of contract award.

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

	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
<b>Title:</b> Small Airborne Networking Radio (SANR)	-	-	6.155
<b>Description:</b> Small Airborne Networking Radio (SANR)			
<b>FY 2016 Plans:</b>			

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 5				R-1 Program Element (Number/Name) PE 0605380A / AMF Joint Tactical Radio System (JTRS)				Project (Number/Name) EG6 / Small Airborne Networking Radio (SANR)				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2014	FY 2015	FY 2016
The PMO will conduct Market Research, develop and release the Request for Proposal (RFP), and conduct source selection activities including aircraft integration, lab and airborne testing in support of contract award.												
Accomplishments/Planned Programs Subtotals										-	-	6.155
C. 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	
• B90900: B90904 JTRS (AMF) Small Airborne Networking Radio (SANR)	-	-	-	-	-	-	-	23.143	81.340	Continuing	Continuing	
Remarks												
D. Acquisition Strategy												
The Small Airborne Networking Radio (SANR) program's acquisition strategy is to procure SA radios: for the Blackhawk, Chinook, Gray Eagle and other Special Operations Forces aircraft. SANR will be capable of operating the Wideband Networking Waveform (WNW), Soldier Radio Waveform (SRW), and Single Channel Ground and Airborne Radio System (SINCGARS). SANR's acquisition strategy employs open competition using a Non-Developmental Item (NDI) procurement approach. The strategy supports a concept in which NDI radios can be selected from a qualified vendor that meets the AMF capability production document (CPD) requirements.												
E. Performance Metrics												
N/A												














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Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0605380A / AMF Joint Tactical Radio System (JTRS)				Project (Number/Name) EG6 / Small Airborne Networking Radio (SANR)					
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
AMF-SA Business Operations Management and Support	Various	Various : Various	0.000	-		-		1.531		-		1.531	Continuing	Continuing	-
Subtotal			0.000	-		-		1.531		-		1.531	-	-	-
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
AMF-SA - System Engineering and Requirements Validation	Various	Various : Various	0.000	-		-		0.413		-		0.413	Continuing	Continuing	-
Subtotal			0.000	-		-		0.413		-		0.413	-	-	-
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
AMF-SA - Logistics Support	Various	Various : Various	0.000	-		-		0.544		-		0.544	Continuing	Continuing	-
Subtotal			0.000	-		-		0.544		-		0.544	-	-	-
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
AMF-SA - Test and Evaluation and Test Support	Various	Various : Various	0.000	-		-		3.667		-		3.667	Continuing	Continuing	-
Subtotal			0.000	-		-		3.667		-		3.667	-	-	-







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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2016 Army										<b>Date:</b> February 2015			
<b>Appropriation/Budget Activity</b> 2040 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0605380A / AMF Joint Tactical Radio System (JTRS)					<b>Project (Number/Name)</b> EG6 / Small Airborne Networking Radio (SANR)			
	<b>Prior Years</b>	<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	0.000	-		-		6.155		-		6.155	-	-	-
<b>Remarks</b>													

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																		Date: February 2015																																			
Appropriation/Budget Activity 2040 / 5										R-1 Program Element (Number/Name) PE 0605380A / AMF Joint Tactical Radio System (JTRS)								Project (Number/Name) EG6 / Small Airborne Networking Radio (SANR)																																			
Event Name										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																
Source Selection Aircraft Integration														SS Aircraft Integr																																							
Source Selection Lab Test														SS Lab Test																																							
Source Selection Flight Test														SS Flight Test																																							
(1) Contract Award																		Contract Award																																			
Production Qualification Test (PQT)/ SANR Government Lab Test (GLT)																						PQT/GLT																															
Reliability Verification Test (RVT)																										RVT																											
Single Channel Ground and Airborne Radio System (SINCGARS)Wavefo																										SINCGARS																											
Cyber Awareness Test - Blue Team Testing																										Cyber Awareness Test																											
Wideband Networking (WNW) Waveform Standards Conformance Test (																										WNW WSCT																											
Soldier Radio Waveform (SRW) Waveform Standards Conformance Test																										SRW WSCT																											
Airborne Integrated Test (AIT)																														AIT																							
(2) Milestone C																																		MS C																			
(3) Low Rate Initial Production (LRIP) Contract Option																																		LRIP Contract Op																			

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015																					
Appropriation/Budget Activity										R-1 Program Element (Number/Name)										Project (Number/Name)																	
2040 / 5										PE 0605380A / AMF Joint Tactical Radio System (JTRS)										EG6 / Small Airborne Networking Radio (SANR)																	
Event Name										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
Development Test (DT) Lab																										DT Lab											
Logistics Test																										Logistics Test											
Development Test (DT) Flight																										DT Flight											
Initial Operational Test and Evaluation (IOT&E)																										IOT&E											
(1) Full Rate Production (FRP)																														FRP							
(2) Full Rate Production (FRP) Contract Option																														FRP Contract Opt							

**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2016 Army			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605380A / AMF Joint Tactical Radio System (JTRS)	<b>Project (Number/Name)</b> EG6 / Small Airborne Networking Radio (SANR)	

**Schedule Details**

<b>Events</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
Source Selection Aircraft Integration	4	2016	1	2017
Source Selection Lab Test	4	2016	1	2017
Source Selection Flight Test	2	2017	3	2017
Contract Award	1	2018	1	2018
Production Qualification Test (PQT)/ SANR Government Lab Test (GLT)	2	2018	4	2018
Reliability Verification Test (RVT)	2	2018	1	2019
Single Channel Ground and Airborne Radio System (SINCGARS)Waveform Standard	2	2018	3	2018
Cyber Awareness Test - Blue Team Testing	3	2018	3	2018
Wideband Networking (WNW) Waveform Standards Conformance Test (WSCT)	3	2018	4	2018
Soldier Radio Waveform (SRW) Waveform Standards Conformance Test (WSCT)	4	2018	1	2019
Airborne Integrated Test (AIT)	1	2019	1	2019
Milestone C	3	2019	3	2019
Low Rate Initial Production (LRIP) Contract Option	4	2019	4	2019
Development Test (DT) Lab	4	2019	2	2020
Logistics Test	1	2020	1	2020
Development Test (DT) Flight	1	2020	2	2020
Initial Operational Test and Evaluation (IOT&E)	2	2020	2	2020
Full Rate Production (FRP)	4	2020	4	2020
Full Rate Production (FRP) Contract Option	4	2020	4	2020