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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Army	<b>DATE:</b> February 2012
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603801A: <i>Aviation - Adv Dev</i>
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COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	8.058	7.218	8.602	-	8.602	8.426	8.296	7.717	7.880	Continuing	Continuing
B32: <i>ADV MAINT CONCEPTS/EQ</i>	8.058	7.218	8.602	-	8.602	8.426	8.296	7.717	7.880	Continuing	Continuing

**Note**

Not applicable for this item

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

This PE provides advanced development aviation support of tactical programs associated with air mobility, advanced maintenance concepts and equipment, and Aircrew Integrated Systems (ACIS). This program demonstrates the feasibility and maturity of new technology and gains understanding in order to evaluate utility of this technology to expedite delivery of new capabilities for Army Aviation rotary wing assets. Additionally, the Aviation Ground Support Equipment (AGSE) assets enhance the functionality of current and future aircraft by improving the effectiveness of maintenance and servicing operations through validating new maintenance concepts to improve man and machine interfaces, improve aircraft maintenance processes, reduce Operation and Support (O&S) cost and insert diagnostics technologies to replace obsolete and unsupportable equipment.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>
Previous President's Budget	8.355	7.107	8.510	-	8.510
Current President's Budget	8.058	7.218	8.602	-	8.602
Total Adjustments	-0.297	0.111	0.092	-	0.092
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	0.111			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	0.092	-	0.092
• Other Adjustments 1	-0.297	-	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603801A: Aviation - Adv Dev				PROJECT B32: ADV MAINT CONCEPTS/EQ			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
B32: ADV MAINT CONCEPTS/EQ	8.058	7.218	8.602	-	8.602	8.426	8.296	7.717	7.880	Continuing	Continuing
Quantity of RDT&E Articles											
Note Not applicable for this item.											
A. Mission Description and Budget Item Justification This Project provides advanced development aviation support of programs that include advanced maintenance concepts and equipment. The FY 2013 budget request funds Aviation Advanced Development which supports Aviation Ground Support Equipment development prototypes that will enhance the functionality of current and future aircraft by improving the effectiveness of maintenance and servicing operations through validating new maintenance concepts to improve man and machine interfaces, improve aircraft maintenance processes, reduce Operation and Support costs, and insert diagnostics technologies to replace obsolete and unsupportable equipment. This program provides for development of rapid battle repair procedures, tools development to speed the return of aircraft to a full mission status, and development of new equipment for aerial recovery of damaged aircraft. Included in this program are: diagnostics/prognostic monitoring systems, Aviation Ground Power Unit (AGPU) equipment familiarization software, redesign and incorporation of AGPU modularity capabilities, Aviation Light Utility Mobile Maintenance Cart (ALUMMC), Aviation Sets, Kits, Outfits and Tools (A-SKOT) (Common Aviation Tool System (CATS); Aviation B1/B4 Maintenance Stands (B1-B4)), Digital Aircraft Weighing Scales II (DAWS II), Hand Held Fire Extinguisher (HHFE), Non-Destructive Test Equipment System (NDTE), Battle Damage Assessment and Repair (BDAR) Block II, Flexible Engine Diagnostic System (FEDS), Aviation Lifting Device, and development support for tools needed to provide maintenance support to modernized/ future force aircraft.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: Aviation Ground Power Unit (AGPU)  Articles:  Description: The AGPU provides the capability to meet Army helicopter servicing requirements into the next decade by providing a modular, diagnostic/prognostic monitoring system with external hydraulic, pneumatic, and AC/DC electrical power to all Modernized Force Aircraft.  FY 2011 Accomplishments: Completed analysis and testing of phase I hydraulic module re-design.  FY 2013 Plans: Develop Operational Test Plans, Test and Evaluation Master Plans and Safety Plans, purchase AGPU prototypes, complete environmental and performance testing and conduct down select.								0.500	-	4.191	
								0			
Title: Aviation Light Utility Mobile Maintenance Cart (ALUMMC)								-	1.487	0.546	

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013
<div>Articles:</div> <div>Description: Aviation Light Utility Mobile Maintenance Cart will enhance mission performance of current forces by reducing an intensive manpower and logistics burden imposed on Army Aviation Units.</div> <div>FY 2012 Plans: Develop operational test plans, select site, purchase prototypes, complete testing and down select ALUMMC.</div> <div>FY 2013 Plans: Finalization of product evaluation and operational test plans.</div>			0	
<div>Title: Aviation B1/B4 Maintenance Stands</div> <div>Articles:</div> <div>Description: Aviation Maintenance Stands are a component of Aviation Sets, Kits, Outfits and Tools (A-SKOT) and provide a stable working platform for Army rotorcraft maintenance activities and enhances the occupational safety environment for maintainers.</div> <div>FY 2012 Plans: Develop testing and evaluation plans to modernize maintenance platforms, purchase product samples and complete evaluation and selection of product.</div>		-	0.525 0	-
<div>Title: Battle Damage Assessment and Repair (BDAR) Block II</div> <div>Articles:</div> <div>Description: BDAR Block II provides damage assessment and rapid repair to aviation aircraft.</div> <div>FY 2011 Accomplishments: Completed phase one of the BDAR Block II Development for the component kit.</div> <div>FY 2012 Plans: Complete phase two for the advanced composite demonstration development, purchase sample representatives, conduct testing and evaluation and select vendor for production.</div>		0.026 0	0.505 0	-
<div>Title: Common Aviation Tool System (CATS)</div> <div>Articles:</div> <div>Description: CATS is a component of A-SKOT and consists of individual aviation mechanics tool kit containers, aerospace standard tools, foam shadowed drawers and a component listing with picture diagrams for ease of inventory and to minimize</div>		0.475 0	-	-

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 Army		<b>DATE:</b> February 2012	
<b>APPROPRIATION/BUDGET ACTIVITY</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603801A: <i>Aviation - Adv Dev</i>	<b>PROJECT</b> B32: <i>ADV MAINT CONCEPTS/EQ</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2011</b>	<b>FY 2012</b>
foreign object damage to aircraft. CATS provides standardized tools, kits and outfits which meet transformation modularity, flexibility and mobility requirements for repair of rotary wing aircraft during combat, contingency and training operations.			
<b>FY 2011 Accomplishments:</b> Develop test plans and purchase samples of tool kit containers, perform testing and evaluation on all samples and select vendor for purchase of approved container.			
<b>Title:</b> Digital Aircraft Weighing Scales (DAWS) II <b>Description:</b> DAWS II is an electronic/digital weighing scale. It is used to perform weight and balance without leveling the aircraft and produces a computerized DD Form 365 outlining results. <b>FY 2013 Plans:</b> Conduct research into the availability of modern technology and assess the need for system modernization procurement.		-	-
<b>Title:</b> Flexible Engine Diagnostics System (FEDS) <b>Articles:</b> <b>Description:</b> FEDS is a Turbo-Shaft Engine Test Stand that verifies flight readiness/safety of engines removed from aircraft for maintenance. This test stand supports the CH-47, AH-64 and UH-60 aviation aircraft. <b>FY 2011 Accomplishments:</b> Performed reliability analysis, prototype build, testing, software development and modernization of the FEDS and corrected all deficiencies identified. <b>FY 2012 Plans:</b> Complete the FEDS for the prototype development and integrate networking capabilities of FEDS devices through the design and adaption of a Common Access Card.		2.450 0	1.588 0
<b>Title:</b> Hand Held Fire Extinguisher (HHFE) <b>Articles:</b> <b>Description:</b> The HHFE is being reviewed to find a replacement for the Halon 1301 agent currently fielded on Aviation Rotary Wing aircraft. <b>FY 2011 Accomplishments:</b>		1.482 0	0.717 0
			0.600
			-
			-

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army		DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603801A: Aviation - Adv Dev	PROJECT B32: ADV MAINT CONCEPTS/EQ		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013
Completed various testing of the FM-200 mixed with sodium bicarbonate to identify an environmentally approved substance for the Hand Held Fire Extinguisher, completed the technical data package, produced production representative items and selected a replacement for the HALON 1301 extinguisher. <b>FY 2012 Plans:</b> Perform testing and evaluation on the replacement HALON 1301 extinguisher and complete documentation for release of the selected HALON 1301 extinguisher.				
<b>Title:</b> Non-Destructive Test Equipment (NDTE) <b>Description:</b> NDTE provides Army Aviation Maintenance units with an electronic test instrument to inspect aircraft components and structures without complete disassembly or removal of components from the aircraft. <b>FY 2013 Plans:</b> Begin research and development of Non-Destructive Test Equipment (eddy current, ultrasonic, harmonic bond, and radiography) for modernization and technology advancements.		-	-	0.925
<b>Title:</b> Shop Equipment Contact Maintenance (SECM) <b>Articles:</b> <b>Description:</b> SECM provides the combat maintainer a contact maintenance vehicle with containerized tools/spares/modules for repair of aircraft. <b>FY 2011 Accomplishments:</b> Completed development and testing of an export power system that will meet Phase II power requirements.		1.087 0	-	-
<b>Title:</b> Unit Maintenance Aerial Recovery Kit (UMARK) <b>Articles:</b> <b>Description:</b> UMARK provides Aviation Support Company and Aviation Maintenance Company units with the ability to quickly rig for transport crash-damaged non-flyable modernized aircraft or aircraft undergoing maintenance for evacuation. <b>FY 2011 Accomplishments:</b> Developed test plans to verify rigging procedures and began ground development and flight test as a result of modeling and simulations for the recovery of crash damaged aircraft. <b>FY 2012 Plans:</b> Continue ground development and flight test as a result of modeling and simulations for the recovery of crash damaged aircraft. <b>FY 2013 Plans:</b>		1.209 0	1.199 0	1.100

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603801A: Aviation - Adv Dev	PROJECT B32: ADV MAINT CONCEPTS/EQ		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013
Complete ground and flight testing verification.				
Title: Management Support Services  Articles:  Description: Management Support Services in Support of the Aviation Ground Support Equipment Product Management Office.  FY 2011 Accomplishments: Management Support Services  FY 2012 Plans: Management Support Services  FY 2013 Plans: Management Support Services		0.250 0	0.355 0	0.400
Title: RDTE Project Test Support  Articles:  Description: RDTE Project Test Support for the Aviation Ground Support Equipment Product Management Office.  FY 2011 Accomplishments: RDTE Project Test Support  FY 2012 Plans: RDTE Project Test Support  FY 2013 Plans: RDTE Project Test Support		0.280 0	0.360 0	0.430
Title: Technical Engineering Services  Articles:  Description: Technical Engineering Services in support of Aviation Ground Support Equipment Product Management Office.  FY 2011 Accomplishments: Technical Engineering Services  FY 2012 Plans:		0.299 0	0.482 0	0.410

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603801A: Aviation - Adv Dev				PROJECT B32: ADV MAINT CONCEPTS/EQ				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2011	FY 2012	FY 2013
Technical Engineering Services												
FY 2013 Plans: Technical Engineering Services												
Accomplishments/Planned Programs Subtotals										8.058	7.218	8.602
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost	
• Aviation Ground Support Equipment: Aviation Ground Support Equipment, SSN AZ3520	141.324	114.517	82.511		82.511		94.445	166.684	131.088	Continuing	Continuing	
D. Acquisition Strategy												
This project is an aggregate of advanced maintenance concepts related projects. While the detailed acquisition strategy varies from project to project, the general strategy for each individual project is to complete the development effort through Government test (developmental and operational). Program documentation for milestone decision is prepared, as appropriate, concurrently with the development effort.												
E. Performance Metrics												
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603801A: Aviation - Adv Dev				PROJECT B32: ADV MAINT CONCEPTS/EQ					
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Support Services	Various	PM AGSE:RSA, AL	0.629	0.355		0.400		-		0.400	Continuing	Continuing	Continuing
Subtotal			0.629	0.355		0.400		-		0.400			
Remarks None													
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AGPU	Various	RTTC, Redstone Arsenal (RSA), AL; AMRDEC, RSA, AL; AATD, Ft. Eustis, VA; Aberdeen Test Center (ATC),:Aberdeen Proving Ground, MD	11.351	-		4.191		-		4.191	Continuing	Continuing	Continuing
ALUMMC	Various	AMRDEC, RSA, AL, AATD, Ft. Eustis, VA, ATC,:Aberdeen Proving Ground MD	-	1.487		0.546		-		0.546	0.000	2.033	0.000
B1/B4 Maintenance Stands (Aviation Sets, Kits, Outfits and Tools (A-SKOT))	Various	AMRDEC, RSA, AL; AATD, Ft., Eustis, VA., ATC,:Aberdeen Proving Ground	-	0.525		-		-		-	0.000	0.525	0.000
BDAR Block II	Various	AMRDEC, RSA, AL; AATD, Ft., Eustis, VA., ATC,:Aberdeen Proving Ground, MD	0.656	0.505		-		-		-	0.000	1.161	0.000
CATS (A-SKOT)	Various	AATD, Ft. Eustis, VA, ATC,:Aberdeen Proving Ground, MD.	0.475	-		-		-		-	0.000	0.475	0.000



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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2013 Army											<b>DATE:</b> February 2012		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0603801A: <i>Aviation - Adv Dev</i>				<b>PROJECT</b> B32: <i>ADV MAINT CONCEPTS/EQ</i>					

  

<b>Product Development (\$ in Millions)</b>				<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</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>
DAWS II	Various	AMRDEC, RSA, AL; AATD,:Ft. Eustis, VA,	-	-		0.600		-		0.600	Continuing	Continuing	Continuing
FEDS	Various	AMRDEC, RSA, AL; AATD, Ft. Eustis, VA; ATC,:Aberdeen Proving Ground, MD	9.005	1.588		-		-		-	0.000	10.593	0.000
HHFE	Various	AMRDEC, RSA, AL; ATC,:Aberdeen Proving Ground, MD	5.687	0.717		-		-		-	0.000	6.404	0.000
NDTE	Various	AMRDEC, RSA, AL., AATD, Ft. Eustis, VA; ATC,:Aberdeen Proving Ground, MD	0.404	-		0.925		-		0.925	Continuing	Continuing	Continuing
SECM	Various	AMRDEC, RSA, AL; AATD, Ft. Eustis, VA; ATC,:Aberdeen Proving Ground, MD	5.822	-		-		-		-	0.000	5.822	0.000
UMARK	Various	AMRDEC, RSA, AL; AATD, Ft. Eustis, VA; ATC,:Aberdeen Proving Ground, MD	3.820	1.199		1.100		-		1.100	0.000	6.119	0.000
<b>Subtotal</b>			37.220	6.021		7.362		-		7.362			

  

<b>Support (\$ in Millions)</b>				<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</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>
Technical Engineering Services	Various	AATD,:Ft. Eustis, VA	6.776	0.482		0.410		-		0.410	Continuing	Continuing	Continuing
<b>Subtotal</b>			6.776	0.482		0.410		-		0.410			

  

<b>Remarks</b> None
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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2013 Army											<b>DATE:</b> February 2012		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0603801A: <i>Aviation - Adv Dev</i>				<b>PROJECT</b> B32: <i>ADV MAINT CONCEPTS/EQ</i>					

  

<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</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>
RDTE Project Test Support	MIPR	ATC,:Aberdeen Proving Ground, MD	1.234	0.360		0.430		-		0.430	Continuing	Continuing	Continuing
<b>Subtotal</b>			1.234	0.360		0.430		-		0.430			

  

<b>Remarks</b> None													
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	<b>Total Prior Years Cost</b>	<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	45.859	7.218		8.602		-		8.602			

  

<b>Remarks</b>											
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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2013 Army			<b>DATE:</b> February 2012		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>		<b>R-1 ITEM NOMENCLATURE</b> PE 0603801A: <i>Aviation - Adv Dev</i>		<b>PROJECT</b> B32: <i>ADV MAINT CONCEPTS/EQ</i>	

	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017			
	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
AGPU																												
Aviation Light Utility Mobile Maintenance Cart																												
Aviation B1/B4 Maintenance Stands																												
Comman Aviation Tool System (CATS) - (Aviation Sets, Kits, Outfits and Tools)																												
Digital Aircraft Weighing Scales II																												
Non-Destructive Test Equipment																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Army			<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603801A: <i>Aviation - Adv Dev</i>	<b>PROJECT</b> B32: <i>ADV MAINT CONCEPTS/EQ</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
AGPU	2	2013	4	2015
Aviation Light Utility Mobile Maintenance Cart	2	2012	4	2013
Aviation B1/B4 Maintenance Stands	2	2012	4	2012
Comman Aviation Tool System (CATS) - (Aviation Sets, Kits, Outfits and Tools)	2	2012	4	2012
Digital Aircraft Weighing Scales II	2	2013	4	2015
Non-Destructive Test Equipment	2	2013	4	2014