Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

2040: Research, Development, Test & Evaluation, Army

PE 0102419A: Aerostat Joint Project Office

BA 7: Operational Systems Development

	•											
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	317.382	190.422	98.450	-	98.450	46.600	47.450	37.830	2.600	Continuing	Continuing
E55: Jnt Land Atk Msl Def Elevated Netted Sensor-JLENS	-	317.382	190.422	98.450	-	98.450	46.600	47.450	37.830	2.600	Continuing	Continuing

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## A. Mission Description and Budget Item Justification

Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) is a supporting program of the Army and Joint Integrated Air and Missile Defense, providing persistent, over the horizon surveillance and fire control quality data on Army and Joint networks enabling protection of the U.S. and coalition forces as well as geopolitical assets from Cruise Missiles, Aircraft, Unmanned Air Vehicles, Tactical Ballistic Missiles, Large Caliber Rockets, and Surface Moving Targets.

A JLENS Orbit consists of two systems: a fire control radar system and a wide-area surveillance radar system. Each radar system employs a separate 74-meter tethered aerostat, mobile mooring station, radar and communications payload, processing station, and associated ground support equipment. The systems are designed to work together, but can operate independently. The JLENS Orbit is transportable by road, rail, sea and air.

JLENS uses advanced sensor and networking technologies to provide persistent, 360-degree, wide-area surveillance and precision tracking of Land Attack Cruise Missiles and other types of Air Breathing Threats. This information is distributed via joint service networks and provides fire control quality data to Surface to Air missile systems such as Army Patriot and Navy Aegis, increasing the weapons' capabilities by allowing systems to engage targets normally below, outside or beyond surface based weapons' field of view. JLENS also provides fire control quality data to fighter aircraft allowing them to engage hostile threats from extended ranges, and contributes to the development of a single integrated air picture.

PE 0102419A: Aerostat Joint Project Office

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<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

PE 0102419A: Aerostat Joint Project Office

. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	<b>FY 2014 Base</b>	FY 2014 OCO	FY 2014 Total
Previous President's Budget	327.338	190.422	95.515	-	95.515
Current President's Budget	317.382	190.422	98.450	-	98.450
Total Adjustments	-9.956	0.000	2.935	-	2.935
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
SBIR/STTR Transfer	-9.956	_			
<ul> <li>Adjustments to Budget Years</li> </ul>	-	-	2.935	-	2.935

Exhibit R-2A, RDT&E Project Ju	ıstification	: PB 2014 A	Army							DATE: Apr	il 2013	
APPROPRIATION/BUDGET ACT 2040: Research, Development, Te BA 7: Operational Systems Devel			NOMENCLA 19A: Aerosta		PROJECT E55: Jnt La Sensor-JL	Land Atk Msl Def Elevated Netted						
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
E55: Jnt Land Atk Msl Def Elevated Netted Sensor-JLENS	-	317.382	190.422	98.450	-	98.450	46.600	47.450	37.830	2.600	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>\*</sup>FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## A. Mission Description and Budget Item Justification

Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) is a supporting program of the Army and Joint Integrated Air and Missile Defense, providing persistent, over the horizon surveillance and fire control quality data on Army and Joint networks enabling protection of the U.S. and coalition forces as well as geopolitical assets from Cruise Missiles, Aircraft, Unmanned Air Vehicles, Tactical Ballistic Missiles, Large Caliber Rockets, and Surface Moving Targets.

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: Engineering and Manufacturing Development (EMD) phase contract activity	197.789	87.795	0.000
Articles:	0	0	
<b>Description:</b> Continue EMD phase contract activities.			
FY 2012 Accomplishments:  Completed software development, integration and test, initiated Developmental Testing (DT), conducted user training, executed Integrated Fire Control (IFC) shot with Patriot. Conducted Navy Integrated Fire Control-Counter Air (NIFC-CA) tracking test and			

PE 0102419A: Aerostat Joint Project Office

Army

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<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE	April 2013	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT		
2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	PE 0102419A: Aerostat Joint Project Office	E55: Jnt Land Atk Sensor-JLENS	Msl Def Eleva	ated Netted
B. Accomplishments/Planned Programs (\$ in Millions, Article C	•	FY 2012	FY 2013	FY 2014
conducted NIFC-CA Live Fire demonstration. Initiated planning and Command (COCOM) Exercise extended test program.	d preparation for the Secretary of Defense directed Comb	atant		
FY 2013 Plans: Completed Early User Test (EUT). Complete Developmental Testin verification of contract requirements and initiate EMD contract close		tions,		
Title: Government System Test and Evaluation (STE)	· · · · · · · · · · · · · · · · · · ·	49.742	21.451	0.00
	Art	ticles:	0	
Description: Government STE program in support of Engineering	and Manufacturing Development (EMD).			
FY 2012 Accomplishments: Initiated DT, conducted user training and executed Integrated Fire Control-Counter Air (NIFC-CA) tracking test and conduct NIFC-CA		d Fire		
FY 2013 Plans: Completed EUT. Complete DT, LUT, and verify corrective actions.				
Title: Engineering and Manufacturing Development (EMD) Phase C	, ,	pport 39.877		20.23
<b>Description:</b> Other contracts and OGAs support of EMD phase act reduction, risk reduction and required documentation.	ivities. Perform technical assessments, concept studies, o	ost		
FY 2012 Accomplishments: Supported EMD activities. Supported the completion of software de initialization of DT and user training. Supported planning for the Se Exercise extended test program. Performed technical assessments documentation.	cretary of Defense directed Combatant Command (COCC	,		
FY 2013 Plans: Completed EUT. Continue to support EMD activities. Continue to straining, live fire tests, and support National Intelligence Estimate (No verification of contract requirements and initiation of contract closed risk reduction and required documentation.	IIE) integration. Support implementation of corrective act	ions,		

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army			DATE: /	April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	PROJECT E55: Jnt Land Atk Msl Def Elevated Nette Sensor-JLENS					
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantit	ies in Each <u>)</u>	FY	2012	FY 2013	FY 2014	
Continue to support EMD activities. Perform technical assessments, studied documentation.	es, cost reduction, risk reduction and required					
Title: Software Maintenance and Engineering Support			0.000	0.000	37.318	
<b>Description:</b> Contract and Government support for software maintenance	and upgrades and engineering support.					
FY 2014 Plans: Contract and Government support for software maintenance, tech refresh/support after conclusion of the Engineering and Manufacturing Developme Command (COCOM) Exercise extended test program.		g				
Title: Government Program Management (PM) Support	An	ticles:	3.729 0	2.929	2.443	
<b>Description:</b> Provide Government PM support of EMD activities.						
FY 2012 Accomplishments: Continued Government PM support of EMD activities. Managed completion test. Provided management oversight of Developmental Testing (DT), con (IFC) shot with Patriot. Provided management oversight of conduct of Navtest and conduct of NIFC-CA Live Fire demonstration. Provided PM oversuppose directed COCOM Exercise extended test program.	ducted user training, executed Integrated Fire Con y Integrated Fire Control-Counter Air (NIFC-CA) tra	trol acking				
FY 2013 Plans: Completed Early User Test (EUT). Continue Government PM support of E User Test (LUT). Manage implementation of corrective actions, verificatio closeout.						
FY 2014 Plans: Provide PM oversight of the contract and government software maintenan conclusion of EMD program and transition to COCOM Exercise extended		ter				
Title: Government Furnished Equipment (GFE) Integration	Art	ticles:	7.595 0	3.455 0	0.000	
<b>Description:</b> The GFE will be provided to the Prime Contractor for hardway	are and system integration.					
FY 2012 Accomplishments:						

PE 0102419A: Aerostat Joint Project Office

Army

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Exhibit R-2A, RDT&E Project Just	ification: PB	2014 Army							DATE: A	pril 2013	
APPROPRIATION/BUDGET ACTIV 2040: Research, Development, Test BA 7: Operational Systems Develop	. & Evaluation,	Army			<b>EM NOMEN</b> 02419A: <i>Aei</i>	ICLATURE rostat Joint P	roject Office		ECT nt Land Atk M -JLENS	ted Netted	
B. Accomplishments/Planned Pro	grams (\$ in N	/lillions, Art	ticle Quantit	ies in Each)	)				FY 2012	FY 2013	FY 2014
The GFE was provided to the Prime	-										
FY 2013 Plans: The GFE will continue to be provide	ed to the Prime	e Contractor	for hardware	e and system	n integration						
Title: Organizational Support Equip	,						Ar	ticles:	18.650 0	0.000	0.000
<b>Description:</b> The acquisition of OS <b>FY 2012 Accomplishments:</b> Acquired the OSE required for testing				EMD Orbit 1							
Title: Combatant Command (COCC  Description: Planning and execution	,	etary of Defe	ense directed	COCOM E	kercise exte	nded test pro		ticles:	0.000	30.422 0	38.450
FY 2013 Plans: Complete planning and begin execu	ution of COCO	M Exercise	extended tes	st program.							
FY 2014 Plans: Execute emplacement, checkout an	ıd operations o	of the COCC	OM Exercise	extended tes	st program.						
				Accon	nplishments	s/Planned P	rograms Sub	ototals	317.382	190.422	98.450
C. Other Program Funding Summ	ary (\$ in Milli	ons)	FY 2014	FY 2014	FY 2014					Cost To	
Line Item • PE 0604869A, Proj M06: Proj M06, Patriot/MEADS Combined Aggregate Program (CAP)	<b>FY 2012</b> 377.610	<b>FY 2013</b> 400.861	Base	<u>0C0</u>	Total	FY 2015	FY 2016	FY 201	7 FY 2018	0.000	Total Cos
• PE 0605456A, Proj PA3: <i>Proj</i>	86.139	69.029	68.843		68.843	129.627	63.506	65.17	9 65.734	Continuing	Continuing
PA3, PAC-3/MSE Missile							559.623				

PE 0102419A: Aerostat Joint Project Office Army

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Exhibit R-2A, RDT&E Project Justin	fication: PB	2014 Army					DATE: April 2013				
APPROPRIATION/BUDGET ACTIVI 2040: Research, Development, Test of BA 7: Operational Systems Development	& Evaluation,	, Army			<b>EM NOMEN</b> 02419A: <i>Aei</i>		T .and Atk Msl Def Elevated Netted .ENS				
C. Other Program Funding Summa	ry (\$ in Milli	ons)		,							
			FY 2014	FY 2014	FY 2014					Cost To	
Line Item	FY 2012	FY 2013	Base	OCO	<u>Total</u>	FY 2015	FY 2016	<b>FY 2017</b>	FY 2018	Complete	<b>Total Cost</b>
• PE 0604319A Proj DU3: <i>Proj</i>	8.834	76.039	79.232		79.232	107.587	146.463	151.769	159.700	Continuing	Continuing
DU3, IFPC2 (FY 20011/2012											
PE0603305A IFPC II-Intercept)											
• PE 0605457A, Proj S40: <i>Proj</i>	262.032	262.211	364.649		364.649	382.869	221.306	141.908	79.338	Continuing	Continuing
S40, Army Integrated Air and											
Missile Defense (AIAMD)											
SSN ZBZ5075: Army IAMD Battle			21.200		21.200	100.700	315.370	482.640	446.130	Continuing	Continuing
Command System (IBCS)											
• PE 0604820A, Proj E10: <i>Proj</i>	3.093	3.486	1.549		1.549	5.264	5.911	6.307	6.053	Continuing	Continuing
E10, SENTINEL											
• PE 0604741A, Proj 126, 146,	57.050	73.333	18.294		18.294	20.898	20.557	18.009	11.015	Continuing	Continuing
149: Air Defense C2I Eng Dev											
Domorko											

#### Remarks

This is a supporting program of the Army Integrated Air and Missile Defense (IAMD) architecture.

### D. Acquisition Strategy

The JLENS Operational Requirements Document (ORD) calls for initial fielding to Block I requirements (tethered aerostat platforms for Fire Control and Surveillance radars), followed by fielding of Block II (untethered platforms for Fire Control and Surveillance radars), and Block III (both radars on a single untethered platform). There is currently no funding beyond Block I.

On 28 Jun 05, the Defense Acquisition Board (DAB) approved the JLENS program for entry into Engineering and Manufacturing Development (EMD) as recommended by the Army Acquisition Executive. The DAB elected to maintain oversight of JLENS as an Acquisition Category (ACAT) 1D program as stated in the Acquisition Decision Memorandum signed on August 5, 2005.

On 24 May 2012, the Acting Defense Acquisition Executive (DAE) signed the JLENS Nunn-McCurdy (NM) Acquisition Decision Memorandum (ADM) certifying the restructured JLENS Program, and signed a memorandum rescinding the Milestone B approval for the JLENS program, granted on August 5, 2005. The ADM directs the Army to restructure the JLENS program to consist of two EMD orbits; complete scheduled EMD test and evaluation to include the Naval Integrated Fire Control-Counter Air demonstration, Limited User Test, Developmental Test 2, and Developmental Test 3 that concludes in 4th Quarter Fiscal Year 2013 (4QFY2013); and to assist in site selection and planning for the employment of one JLENS orbit in support an operational Continental United States based exercise when a location is determined and orders are approved by the National Command Authority. Letters were provided to Congress notifying them that the NM review was complete and program was certified and restructured as detailed above.

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: Research, Development, Test & Evaluation, Army	PE 0102419A: Aerostat Joint Project Office	E55: Jnt Land Atk Msl Def Elevated Netted
BA 7: Operational Systems Development		Sensor-JLENS
The Joint Requirements Oversight Council (JROC) reviewed the results of the	Army's 60 Day Deep-Dive employment asse	ssment of JLENS for Homeland Defense.
The JROC concurs with the proposed JLENS employment to Aberdeen Provi	ng Ground, MD for an operational exercise du	ration Fiscal Year 2014-2017.
E. Performance Metrics		
Performance metrics used in the preparation of this justification material may	be found in the FY 2010 Army Performance B	Sudget Justification Book, dated May 2010.
···	·	

PE 0102419A: Aerostat Joint Project Office Army

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army

R-1 ITEM NOMENCLATURE

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

**PROJECT** 

2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development

PE 0102419A: Aerostat Joint Project Office

E55: Jnt Land Atk Msl Def Elevated Netted

Sensor-JLENS

Management Service	es (\$ in M	illions)		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Program Management	Various	PEO Missiles and Space:Various	19.106	3.729		2.929	Dec 2012	2.443		-		2.443	0.000	28.207	0.000
	•	Subtotal	19.106	3.729		2.929		2.443		0.000		2.443	0.000	28.207	0.000

Product Developmen	t (\$ in M	illions)		FY 2012		FY 2013		FY 2 Ba		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technology Development (TD) Phase Contracts and Government	Various	Various:Multiple	301.083	-		-		-		-		-	0.000	301.083	0.000
Contractor Engineering and Manufacturing Development (EMD) Hardware/Software	SS/CPIF	Raytheon Systems Co.:Andover, MA	1,449.929	158.887		62.588	Dec 2012	-		-		-	0.000	1,671.404	1,688.627
EMD Other Government Agency System Engineering/Logistics	Various	Multiple:Various	36.488	12.212		15.872	Dec 2012	9.877		-		9.877	0.000	74.449	0.000
Lightweight X-Band Radar Antenna	Various	Various:Various	7.811	-		-		-		-		-	0.000	7.811	0.000
EMD System Engineering/ Logistics Contracts	Various	Multiple:Various	123.135	27.665		28.498	Dec 2012	10.362		-		10.362	0.000	189.660	0.000
EMD Government Furnished Equipment (GFE) Various	Various	Multiple:Various	22.518	0.928		1.455	Dec 2012	-		-		-	0.000	24.901	0.000
EMD GFE - Cooperative Engagement Transmission Processing Set (CETPS)	Various	Multiple:Various	34.955	6.667		2.000		-		-		-	0.000	43.622	0.000
EMD Organizational Support Equipment	Various	Multiple:Various	0.000	18.650	Dec 2011	-		-		-		-	0.000	18.650	0.000
Software maintenance and upgrades and engineering	Various	Multiple:Various	0.000	-		-		37.318		-		37.318	0.000	37.318	0.000

PE 0102419A: Aerostat Joint Project Office Army

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE PROJECT

PE 0102419A: Aerostat Joint Project Office

E55: Jnt Land Atk Msl Def Elevated Netted

Sensor-JLENS

Product Developmen	Product Development (\$ in Millions)				FY 2012		FY 2013		:014 se	FY 2014 OCO		FY 2014 Total			
Cost Category Item support - Contracts and Government	Contract Method & Type	Performing Activity & Location	All 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	1,975.919	225.009		110.413		57.557		0.000		57.557	0.000	2,368.898	1,688.627
			ſ					<b>5</b> 1/ 6		<b>5</b> 1/ 6		E)/ 00//			

Support (\$ in Millions	s)			FY 2	2012	FY 2	2013	FY 2 Ba		FY 2		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
TD Phase Miscellaneous Support	Various	Various:Multiple	2.084	-		-		-		-		-	0.000	2.084	0.000
		Subtotal	2.084	0.000		0.000		0.000		0.000		0.000	0.000	2.084	0.000

Test and Evaluation	(\$ in Milli	ons)		FY 2	2012	FY 2	2013		2014 ase		2014 CO	FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technology Development (TD) Phase Test Bed Maintenance	SS/CPFF	Clark and Stender (CAS), Inc.:TX/NM	3.056	-		-		-		-		-	0.000	3.056	3.056
Engineering and Manufacturing Development (EMD) Contractor System Test and Evaluation	SS/CPIF	Raytheon Systems Co.:MA/CA/FL/TX	66.217	38.902	Feb 2012	25.207		-		-		-	0.000	130.326	141.100
EMD Government System Test and Evaluation	Various	Multiple:Various	69.284	49.742	Dec 2011	21.451	Dec 2012	-		-		-	0.000	140.477	0.000
Combatant Command (COCOM)Exercise-Contractor	Various	Multiple:Various	36.315	-		26.163		29.944	Jan 2014	-		29.944	120.075	212.497	0.000
COCOM Exercise- Government	Various	Multiple:Various	4.035	-		4.259		8.506		-		8.506	14.405	31.205	0.000
		Subtotal	178.907	88.644		77.080		38.450		0.000		38.450	134.480	517.561	144.156

PE 0102419A: Aerostat Joint Project Office Army

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2	2014 Army	/						DATE	: April 20	13	
Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army  APPROPRIATION/BUDGET ACTIVITY  2040: Research, Development, Test & Evaluation, Army  BA 7: Operational Systems Development  All Prior Years  Project Cost Totals 2,176.016 317.382  Remarks					MENCLATURE : Aerostat Joint Proje	and Atl	( Msl Def	Netted			
		FY 2	012	FY 2013	FY 2014 Base	FY 2		Y 2014 Total	Cost To	Total Cost	Target Value of Contract
Project Cost Totals	2,176.016	317.382		190.422	98.450	0.000		98.450	134.480	2,916.750	1,832.783
Remarks											

PE 0102419A: Aerostat Joint Project Office

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Army DATE: April 2013 **R-1 ITEM NOMENCLATURE PROJECT** APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army PE 0102419A: Aerostat Joint Project Office | E55: Jnt Land Atk Msl Def Elevated Netted BA 7: Operational Systems Development Sensor-JLENS FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 2 3 4 2 3 2 3 4 2 3 4 2 3 4 2 1 4 1 1 1 Nunn-McCurdy (NM) Certification Defense Acquisition Board (DAB) In-Process Review (IPR) Electromagnetic Environmental Effects (E3) Test Integrated Fire Control (IFC) Test Surface Moving Target (SMT) Test Navy Integrated Fire Control-Counter Air (NIFC-CA) Demonstration Developmental Test 2 Radar Transportation and Mobility (T&M) Test Climatic Tests Lightning and High-Altitude Electromagnetic Pulse (HEMP) Tests Logistics Demonstration Early User Test (EUT) Limited User Test (LUT) Corrective Actions, Verification of Contract Requirements, Initiate Closeout Software (S/W) Maintenance and Engineering Support Combatant Command (COCOM) Exercise Overwater Tests against Drones Overwater Tests against Surface Moving Targets (SMTs) Overwater Integration Tests with Navy Aegis

PE 0102419A: Aerostat Joint Project Office Army

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 A	rmy																				DAT	<b>E</b> : A	\pril :	201	3			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, A BA 7: Operational Systems Development	\ <i>rm</i> y	V						'					LATU Stat J	JRE oint F	rojed	ct Of	ffice	E5				ltk N	1sl D	ef E	Eleva	ted I	Vette	∍d
		FY	2012	2		FΥ	201	3		FY	2014	1	F	Y 20	15		FY	2010	6		FY 2	2017	,		FY 2	:018		
	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	
<b>Enduring Operations Decision Point</b>																												

DATE: April 2013 Exhibit R-4A, RDT&E Schedule Details: PB 2014 Army

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE **PROJECT** 

2040: Research, Development, Test & Evaluation, Army PE 0102419A: Aerostat Joint Project Office

E55: Jnt Land Atk Msl Def Elevated Netted BA 7: Operational Systems Development Sensor-JLENS

## Schedule Details

	Sta	art	En	d
Events	Quarter	Year	Quarter	Year
Nunn-McCurdy (NM) Certification	3	2012	3	2012
Defense Acquisition Board (DAB) In-Process Review (IPR)	3	2013	3	2013
Electromagnetic Environmental Effects (E3) Test	3	2012	4	2013
Integrated Fire Control (IFC) Test	3	2012	3	2012
Surface Moving Target (SMT) Test	3	2012	4	2012
Navy Integrated Fire Control-Counter Air (NIFC-CA) Demonstration	3	2012	1	2013
Developmental Test 2	4	2012	4	2012
Radar Transportation and Mobility (T&M) Test	1	2013	4	2013
Climatic Tests	2	2013	4	2013
Lightning and High-Altitude Electromagnetic Pulse (HEMP) Tests	3	2013	4	2013
Logistics Demonstration	4	2013	4	2013
Early User Test (EUT)	1	2013	1	2013
Limited User Test (LUT)	2	2013	3	2013
Corrective Actions, Verification of Contract Requirements, Initiate Closeout	3	2013	4	2013
Software (S/W) Maintenance and Engineering Support	1	2014	4	2014
Combatant Command (COCOM) Exercise	4	2012	1	2018
Overwater Tests against Drones	1	2015	4	2016
Overwater Tests against Surface Moving Targets (SMTs)	1	2015	4	2016
Overwater Integration Tests with Navy Aegis	1	2015	4	2016
Enduring Operations Decision Point	3	2016	3	2016