Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army												Date: March 2014
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0605626A / *Aerial Common Sensor*							
COST ($ in Millions)	**Prior Years**	**FY 2013**	**FY 2014**	**FY 2015 Base**	**FY 2015 OCO #**	**FY 2015 Total**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**Cost To Complete**	**Total Cost**
Total Program Element	-	108.566	10.377	17.748	-	17.748	22.896	0.131	0.134	8.012	-	167.864
AC5: *Enhanced Medium Alt Recon Surv Sys*	-	108.566	10.377	17.748	-	17.748	22.896	0.131	0.134	8.012	-	167.864

The FY 2015 OCO Request will be submitted at a later date.

Note

FY15 - This is EMARSS RDTE funding line which contains funding for Airborne Reconnaissance Low - Enhanced (ARL-E) in FY15 ($10.174 million).

A. Mission Description and Budget Item Justification

The Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS) is the Army's next generation C-12 based, direct support, manned airborne intelligence collection, processing, and targeting support system. EMARSS provides a persistent capability to detect, locate, classify/identify, and track surface targets with a high degree of timeliness and accuracy. EMARSS aircraft will be assigned to the U.S. Army Intelligence and Security Command's (INSCOM) Aerial Exploitation Battalions (AEB). EMARSS is an improvement over the existing Medium Altitude Reconnaissance and Surveillance System Quick Reaction Capability (MARSS QRC) in that it hosts an on board Distributed Common Ground System - Army (DCGS-A) capability, improved satellite communications, improved aircraft performance, and life cycle logistics sustainment capability.

EMARSS will consist of a commercial derivative aircraft equipped with an Electro-optical/Infrared (EO/IR) sensor with Full Motion Video (FMV), a Communications Intelligence (COMINT) collection system, an Aerial Precision Geolocation (APG) system, tactical line-of-site (LOS) and beyond line-of-site (BLOS) communications suite, two DCGS-A enabled operator workstations and a self-protection suite. EMARSS is built to allow future capabilities to be integrated on platform with the addition of a third carry-on workstation.

EMARSS will operate as a single platform in direct support of tactical missions. EMARSS, integrating elements of the DCGS-A, will provide efficient response to Combat Forces with Intelligence, Surveillance and Reconnaissance (ISR) tasking. EMARSS' flexibility, endurance, sensor capability, communications architecture, and Processing, Exploitation & Dissemination (PED) support is relevant to the entire Find, Fix, Finish, Exploit, Analyze, and Disseminate (F3EAD) cycle.

The EMARSS funding line contains funding for the Airborne Reconnaissance Low - Enhanced (ARL-E) program. ARL-E supports the Aerial ISR 2020 Strategy which recommended replacement of the current Airborne Reconnaissance Low Multifunction (ARL-M) and migrates the current ARL sensors plus new niche sensors to the meet the ARL-E Capabilities Production Document (CPD) requirements. ARL-E procures the hardware, software, and infrastructure to rapidly install sensors which support a rapid plug and play, quick connect/disconnect, mounting system to allow the installation of various combinations of sensor-types in support of a wide-range of theater operations. The sensor suite will consist of a COMINT subsystem capable of supporting theater net centric geo-location efforts, High Definition FMV; Improved Synthetic Aperture Radar / Moving Target Indicator (SAR/MTI) radar capability and updated mission workstations, as well as radio and data/communications

Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army	Date: March 2014
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0605626A *I Aerial Common Sensor*

architecture. ARL-E will leverage existing sensors as well as integrating and installing niche sensors to augment current capabilities. Niche capabilities include Wide-Area Augmentation System (WAAS), Laser Imaging Detection and Ranging (LIDAR) and Hyper Spectral Imaging (HSI) sensors.

FY15 Base funding in the amount of $17.748 million funds research and development activities for EMARSS in the amount of $7.574 million and ARL-E in the amount of $10.174 million.

EMARSS portion, in the amount of $7.574 million, funds sensor related Engineering Change Proposals (ECP) and contractor system support.

ARL-E portion, in the amount of $10.174 million, funds the engineering, manufacturing and development of a Long Range radar prototype to replace the current ARL Phoenix Eye to meet requirement for increased performance for ARL-E. Funding will also provide design of the COMINT Direction Finding (DF) antenna array for integration on the replacement aircraft for ARL-E. The Radar and COMINT systems will be integrated into DCH-8 platforms.

B. Program Change Summary ($ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	47.426	10.382	36.102	-	36.102
Current President's Budget	108.566	10.377	17.748	-	17.748
Total Adjustments	61.140	-0.005	-18.354	-	-18.354
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	61.140	-0.005	-18.354	-	-18.354

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605626A / *Aerial Common Sensor*	Project (Number/Name) AC5 / *Enhanced Medium Alt Recon Surv Sys*	

COST ($ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
AC5: *Enhanced Medium Alt Recon Surv Sys*	-	108.566	10.377	17.748	-	17.748	22.896	0.131	0.134	8.012	-	167.864
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

Note

This is EMARSS RDTE funding line which contains funding for Airborne Reconnaissance Low - Enhanced (ARL-E) in FY15 ($10.174 million) and FY16 ($17.598 million).

A. Mission Description and Budget Item Justification

The Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS) is the Army's next generation C-12 based, direct support, manned airborne intelligence collection, processing, and targeting support system. EMARSS provides a persistent capability to detect, locate, classify/identify, and track surface targets with a high degree of timeliness and accuracy. EMARSS aircraft will be assigned to the U.S. Army Intelligence and Security Command's (INSCOM) Aerial Exploitation Battalions (AEB). EMARSS is an improvement over the existing Medium Altitude Reconnaissance and Surveillance System Quick Reaction Capability (MARSS QRC) in that it hosts an on board Distributed Common Ground System - Army (DCGS-A) capability, improved satellite communications, improved aircraft performance, and life cycle logistics sustainment capability.

EMARSS will consist of a commercial derivative aircraft equipped with an Electro-optical/Infrared (EO/IR) sensor with Full Motion Video (FMV), a Communications Intelligence (COMINT) collection system, an Aerial Precision Geolocation (APG) system, tactical line-of-site (LOS) and beyond line-of-site (BLOS) communications suite, two DCGS-A enabled operator workstations and a self-protection suite. EMARSS is built to allow future capabilities to be integrated on platform with the addition of a third carry-on workstation.

EMARSS will operate as a single platform in direct support of tactical missions. EMARSS, integrating elements of the DCGS-A, will provide efficient response to Combat Forces with Intelligence, Surveillance and Reconnaissance (ISR) tasking. EMARSS' flexibility, endurance, sensor capability, communications architecture, and Processing, Exploitation & Dissemination (PED) support is relevant to the entire Find, Fix, Finish, Exploit, Analyze, and Disseminate (F3EAD) cycle.

The EMARSS funding line contains funding for the Airborne Reconnaissance Low - Enhanced (ARL-E) program. ARL-E supports the Aerial ISR 2020 Strategy which recommended replacement of the current Airborne Reconnaissance Low Multifunction (ARL-M) and migrates the current ARL sensors plus new niche sensors to the meet the ARL-E Capabilities Production Document (CPD) requirements. ARL-E procures the hardware, software, and infrastructure to rapidly install sensors which support a rapid plug and play, quick connect/disconnect, mounting system to allow the installation of various combinations of sensor-types in support of a wide-range of theater operations. The sensor suite will consist of a COMINT subsystem capable of supporting theater net centric geo-location efforts, High Definition FMV; Improved Synthetic Aperture Radar / Moving Target Indicator (SAR/MTI) radar capability and updated mission workstations, as well as radio and data/communications

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605626A / *Aerial Common Sensor*	**Project (Number/Name)** AC5 / *Enhanced Medium Alt Recon Surv Sys*

architecture. ARL-E will leverage existing sensors as well as integrating and installing niche sensors to augment current capabilities. Niche capabilities include Wide-Area Augmentation System (WAAS), Laser Imaging Detection and Ranging (LIDAR) and Hyper Spectral Imaging (HSI) sensors.

FY15 Base funding in the amount of $17.748 million funds research and development activities for EMARSS in the amount of $7.574 million and ARL-E in the amount of $10.174 million.

EMARSS portion, in the amount of $7.574 million, funds sensor related Engineering Change Proposals (ECP) and contractor system support.

ARL-E portion, in the amount of $10.174 million, funds the engineering, manufacturing and development of a Long Range radar prototype to replace the current ARL Phoenix Eye to meet requirement for increased performance for ARL-E. Funding will also provide design of the COMINT Direction Finding (DF) antenna array for integration on the replacement aircraft for ARL-E. The Radar and COMINT systems will be integrated into DCH-8 platforms.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Title: EMARSS - Product Development	49.998	7.177	5.474
Articles:	-	-	-
Description: Funding is provided for the following efforts: ***FY 2013 Accomplishments:*** Continues integration of prime mission equipment, software integration, and risk mitigation effort. Purchase of EMD #5 & #6 green aircraft. ***FY 2014 Plans:*** Finalizes integration of prime mission equipment, software integration, and risk mitigation efforts. Partially funds an ICLS capability to support testing. ***FY 2015 Plans:*** EMARSS RDTE funds Sensor Engineering Change Proposals (ECPs) and contractor system support.			
Title: EMARSS - Support Costs	4.800	0.400	0.800
Articles:	-	-	-
Description: Support costs for matrix government, matrix contractor and PM Fixed Wing. ***FY 2013 Accomplishments:*** Support costs for matrix government, matrix contractor and PM Fixed Wing. ***FY 2014 Plans:***			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605626A / *Aerial Common Sensor*	**Project (Number/Name)** AC5 / *Enhanced Medium Alt Recon Surv Sys*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Support costs for matrix government, matrix contractor and PM Fixed Wing. ***FY 2015 Plans:*** Support costs for matrix government, matrix contractor and PM Fixed Wing.			
Title: EMARSS - Test and Evaluation	5.483	2.170	-
Articles:	-	-	-
Description: Funding is provided for the following effort: ***FY 2013 Accomplishments:*** Government DT/OT, LUT, Contractor CT/DT and JTIF. ***FY 2014 Plans:*** Delta testing and corrective actions resulting from LUT.			
Title: EMARSS - Program Management Support	8.685	0.630	1.300
Articles:	-	-	-
Description: Funding is provided for the following effort: ***FY 2013 Accomplishments:*** Continues Program Management Office (PMO) support and travel, Systems Engineering and Technical Assistance (SETA) and MITRE support. ***FY 2014 Plans:*** Continues Program Management Office (PMO) support and travel, Systems Engineering and Technical Assistance (SETA) and MITRE support. ***FY 2015 Plans:*** Continues Program Management Office (PMO) support and travel, Systems Engineering and Technical Assistance (SETA) and MITRE support.			
Title: EMARSS - EMD Contract Cost Growth	19.600	-	-
Articles:	-	-	-
Description: Boeing EMD contract cost growth. ***FY 2013 Accomplishments:***			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605626A / *Aerial Common Sensor*	**Project (Number/Name)** AC5 / *Enhanced Medium Alt Recon Surv Sys*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Government share of agreed upon cost growth and risk reduction.			
Title: EMARSS - EMD 5	20.000	-	-
Articles:	-	-	-
Description: Funds released for build of EMD 5 system. ***FY 2013 Accomplishments:*** Currently held for potential REAs from the Boeing Company.			
Title: ARL-E - Product Development	-	-	10.174
Description: ARL-E RDTE in EMARSS funding line until new RDTE line can be established. ***FY 2015 Plans:*** ARL-E RDTE funds the development of a Long Range Radar prototype for ARL-E.			
Accomplishments/Planned Programs Subtotals	108.566	10.377	17.748

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• Aerial Common Sensor (ACS): *EMARSS - A02005*	-	142.050	186.780	-	186.780	5.000	5.000	5.000	43.205	-	387.035
• ARL Mod: *ARL Mods - AZ2050*	-	-	133.096	-	133.096	109.424	132.761	82.459	42.370	-	500.110
• EMARSS - TENCAP - TNG: *EMARSS - TENCAP - TNG*	-	-	3.550	-	3.550	0.550	0.550	0.550	0.550	-	5.750
• ARL - TENCAP - TNG: *ARL - TENCAP - TNG*	-	-	-	-	-	-	-	0.550	-	-	0.550

Remarks

ACS - A02005 - FY15 base procurement dollars in the amount of $186.780 million supports the modification and conversion of the balance of QRC systems redeploying out of Afghanistan to meet the EMARSS Capabilities Production Document (CPD).

ARL Mods- AZ2050 - (AZ2001 Multi Sensor Airborne Reconnaissance summary budget line). FY15 Base Procurement dollars in the amount of $133.096 million supports purchasing of 5 aircraft, COMINT Sensors, Short Range Radar, Mini-T & Beyond Line of Sight (BLOS) Data Links, DCGS-A Workstations, software, mission radio sets, Full Motion Video (FMV) Sensors, and Mission Equipment Payload/Processing Exploitation and Dissemination (MEP/PED) integration of two systems.

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605626A / *Aerial Common Sensor*	**Project (Number/Name)** AC5 / *Enhanced Medium Alt Recon Surv Sys*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
ARL-E / EMARSS Theater Net-centric Geolocation (TNG) - TNG funding included in TENCAP funding line.											

D. Acquisition Strategy

The Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS) is a Program of Record based on an Army G-3/5/7 Directed Requirement (DR) signed 11 December 2009. The program entered the acquisition process in the Engineering and Manufacturing Development (EMD) phase with a 1QFY11 contract award that was competitively awarded to a single contractor. Program completed System Design Review in 1QFY12 and began modification and integration of the aircraft in 2QFY12. Following a Contractor Test / Development Test and Limited User Test, the Army will be positioned to inform a Milestone C Decision. Program currently has an Army validated CPD.

ARL-E portion, in the amount of $10.174 million, funds the engineering, manufacturing and development of a Long Range radar prototype to replace the current ARL Phoenix Eye to meet requirement for increased performance for ARL-E. Funding will also provide design of the COMINT Direction Finding (DF) antenna array for integration on the replacement aircraft for ARL-E. The Radar and COMINT systems will be integrated into DCH-8 platforms.

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605626A / *Aerial Common Sensor*	Project (Number/Name) AC5 / *Enhanced Medium Alt Recon Surv Sys*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PMO	Various	PM ARES : Aberdeen Proving Ground, MD	6.738	5.085		0.230		0.500	Oct 2014	-		0.500	-	12.553	-
SETA Support	C/CPFF	PM ARES : Aberdeen Proving Ground, MD	3.460	2.400		0.200		0.400	Nov 2014	-		0.400	-	6.460	-
MITRE - FFRDC Support	C/CPFF	PM ARES : Aberdeen Proving Ground, MD	2.533	1.200		0.200		0.400	Oct 2014	-		0.400	-	4.333	-
		Subtotal	12.731	8.685		0.630		1.300		-		1.300	-	23.346	-

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
EMARSS EMD (#5 & #6 green ACFT purchase)	C/CPIF	Boeing Company : Ridley Park, PA	55.738	16.700		-		-		-		-	-	72.438	-
Other GFE to include COMSEC Equipment, Airborne Precision Geo Location (APG), and Vortex Data Links	Allot	L3 COMM/NSA : Warner Robins AFB	3.903	6.446		-		-		-		-	-	10.349	-
Request for Equitable Adjustment (REA)	C/FP	Boeing Company : Ridley Park, PA	7.085	-		-		-		-		-	-	7.085	-
Prime Contractor Systems Support	C/CPFF	Boeing Company : Ridley Park, PA	8.000	7.535		7.177		3.736	Dec 2014	-		3.736	-	26.448	-
Engineering Change Proposals (ECP) for Sensors	C/CPIF	Boeing Company : Ridley Park, PA	0.000	12.966		-		1.738	Dec 2014	-		1.738	-	14.704	-
Sensors acquisition	SS/FFP	BAE Systems : Nashua, NH	0.000	6.351	Oct 2013	-		-		-		-	-	6.351	-
EMD Contract Cost Growth	Allot	Boeing Company : Ridley Park, PA	0.000	19.600	Aug 2013	-		-		-		-	-	19.600	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605626A / *Aerial Common Sensor*	Project (Number/Name) AC5 / *Enhanced Medium Alt Recon Surv Sys*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
EMARSS - EMD 5 (currently held for potential REAs)	C/CPIF	Boeing Company : Ridley Park, PA	0.000	20.000		-		-		-		-	-	20.000	-
DCGS-A & Orion S/W processing on board	Various	Various : Various	6.740	-		-		-		-		-	-	6.740	-
ARL-E - Radar Development	C/TBD	TBD : TBD	0.000	-		-		6.374	Mar 2015	-		6.374	28.225	34.599	-
ARL-E - COMINT Array	C/TBD	TBD : TBD	0.000	-		-		3.800	Mar 2015	-		3.800	-	3.800	-
		Subtotal	81.466	89.598		7.177		15.648		-		15.648	28.225	222.114	-

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Matrix Government	MIPR	Various : Various	11.508	3.679		0.200		0.400	Oct 2014	-		0.400	-	15.787	-
Matrix Contractor Support	Various	Various : Various	1.992	1.121		0.200		0.400	Nov 2014	-		0.400	-	3.713	-
		Subtotal	13.500	4.800		0.400		0.800		-		0.800	-	19.500	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government DT/OT, LUT	Various	Various : Various	7.590	2.000		2.170		-		-		-	-	11.760	-
Contractor Test (CT/DT)	C/CPIF	Various : Various	0.000	0.390		-		-		-		-	-	0.390	-
Test Flight Ranges	Various	Various : Various	7.517	-		-		-		-		-	-	7.517	-
Forward Operational Assessment (FOA)	MIPR	Various : Various	0.124	-		-		-		-		-	-	0.124	-
Initial Operational Test and Evaluation (IOT&E)	MIPR	Various : Various	0.000	1.000		-		-		-		-	-	1.000	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605626A / *Aerial Common Sensor*	Project (Number/Name) AC5 / *Enhanced Medium Alt Recon Surv Sys*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Test & Integration Facility (JTIF)	Various	Various : various	9.678	2.093		-		-		-		-	-	11.771	-
		Subtotal	24.909	5.483		2.170		-		-		-	-	32.562	-

	Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	132.606	108.566		10.377		17.748		-		17.748	28.225	297.522	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605626A / *Aerial Common Sensor*	**Project (Number/Name)** AC5 / *Enhanced Medium Alt Recon Surv Sys*

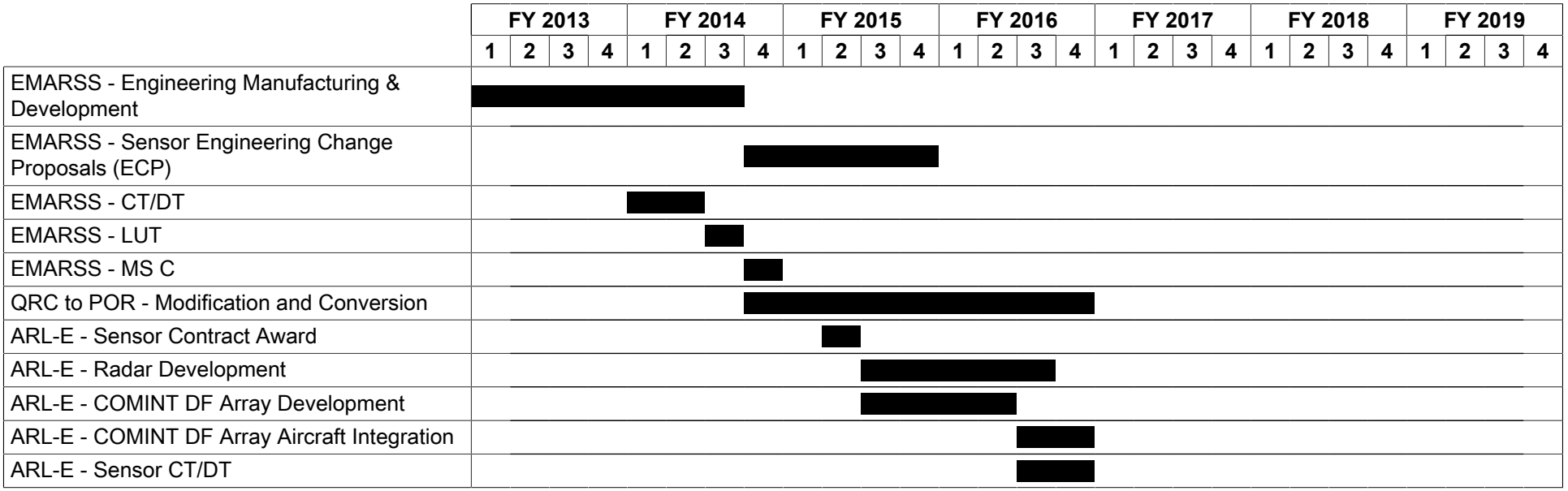

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605626A / *Aerial Common Sensor*	**Project (Number/Name)** AC5 / *Enhanced Medium Alt Recon Surv Sys*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
EMARSS - Engineering Manufacturing & Development	3	2011	3	2014
EMARSS - Sensor Engineering Change Proposals (ECP)	4	2014	4	2015
EMARSS - CT/DT	1	2014	2	2014
EMARSS - LUT	3	2014	3	2014
EMARSS - MS C	4	2014	4	2014
QRC to POR - Modification and Conversion	4	2014	4	2016
ARL-E - Sensor Contract Award	2	2015	2	2015
ARL-E - Radar Development	3	2015	3	2016
ARL-E - COMINT DF Array Development	3	2015	2	2016
ARL-E - COMINT DF Array Aircraft Integration	3	2016	4	2016
ARL-E - Sensor CT/DT	3	2016	4	2016