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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604270F: Electronic Warfare Development							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	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	-	16.397	1.975	1.971	-	1.971	1.990	1.989	2.023	2.059	Continuing	Continuing
653891: Advanced IR Counter Measures (AIRCM)	-	1.767	1.975	1.971	-	1.971	1.990	1.989	2.023	2.059	Continuing	Continuing
655305: MALD-J	-	7.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
657004: MALD-J Increment II	-	7.630	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Note

In FY 2013, Project 657004, MALD-J Increment II is terminated.

A. Mission Description and Budget Item Justification

This Program Element (PE) consolidates Air Force funding and management of common Electronic Warfare (EW) systems from Materiel Solutions Analysis through Engineering and Manufacturing Development and transition to operational capability. EW is an integral warfighting effect supporting AF Global Strike, Global Persistent Attack and Global Mobility operations as well as Joint-Coalition operations. EW systems influence, deceive, disrupt, degrade, deny, and destroy threats to air operations throughout the electromagnetic spectrum. This PE supports Electronic Support (ES), Electronic Protection (EP), and Electronic Attack (EA). ES programs support the collection, analysis, and dissemination of information related to the detection, geo-location, characterization, and identification of threats to air operations. EP Programs preserve the electromagnetic spectrum for use by friendly forces. EA programs provide self-protection through active and passive measures that deceive threats to air operations using kinetic and non-kinetic means to defeat threats that rely on the electromagnetic spectrum (Radio Frequency (RF), Electro-Optical (EO), Infrared (IR)).

This program is in budget activity 5 - System Development and Demonstration of common EW systems to meet user requirements.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force				DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
3600: Research, Development, Test & Evaluation, Air Force		PE 0604270F: Electronic Warfare Development			
BA 5: System Development & Demonstration (SDD)					
B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	16.880	1.975	1.971	-	1.971
Current President's Budget	16.397	1.975	1.971	-	1.971
Total Adjustments	-0.483	0.000	0.000	-	0.000
• Congressional General Reductions	-	0.000			
• Congressional Directed Reductions	-	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	-	0.000			
• Congressional Directed Transfers	-	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.483	0.000			
• Other Adjustments	0.000	0.000	0.000	-	0.000
Change Summary Explanation					
No Significant Changes					

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604270F: Electronic Warfare Development				PROJECT 653891: Advanced IR Counter Measures (AIRCM)			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
653891: Advanced IR Counter Measures (AIRCM)	-	1.767	1.975	1.971	-	1.971	1.990	1.989	2.023	2.059	Continuing	Continuing
Quantity of RDT&E Articles		0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
The Advanced Infrared Countermeasure (AIRCM) project contains related aircraft self-protection efforts aimed at increasing aircraft survivability against the increasing threat of sophisticated infrared-guided surface-to-air and air-to-air missiles. These missiles may employ sophisticated next-generation electro-optics or dual-mode IR and radio frequency seekers. AIRCM will provide advanced IR expendable countermeasures and/or IRCM techniques that will be functionally compatible with existing dispenser systems and employed across multiple USAF weapons systems. This also explicitly includes any and all flare and decoy development and testing that may be demanded or needed in current operations supporting the war on terrorism regardless of aircraft platform. Similar activities that are supplementary to this effort may be accomplished ad hoc using platform specific funding or through other testing activities such as joint services or NATO test groups.												
BA5 - This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.												
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2012	FY 2013	FY 2014
Title: IR Flare Testing										1.747	1.955	1.951
Description: IR flare testing and qualification on aircraft												
FY 2012 Accomplishments: Activities included qualification of IR flare cocktails on F-16 and A-10 aircraft.												
FY 2013 Plans: Activities include qualification of IR flare cocktails on various aircraft.												
FY 2014 Plans: Activities include qualification of IR flare cocktails on various aircraft.												
Title: PMA										0.020	0.020	0.020
Description: Program Management Administration												

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force							DATE: April 2013				
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604270F: <i>Electronic Warfare Development</i>			PROJECT 653891: <i>Advanced IR Counter Measures (AIRCM)</i>				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2012	FY 2013	FY 2014		
<i>FY 2012 Accomplishments:</i> Program Office/Government Support											
<i>FY 2013 Plans:</i> Program Office/Government Support											
<i>FY 2014 Plans:</i> Program Office/Government Support											
Accomplishments/Planned Programs Subtotals							1.767	1.975	1.971		
C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u> <u>Base</u>	<u>FY 2014</u> <u>OCO</u>	<u>FY 2014</u> <u>Total</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PAAF: BA01: Line Item # 356010: <i>Flares</i>	40.461	31.102	34.931		34.931	64.624	74.853	76.200	77.572	Continuing	Continuing
Remarks Qualified flares, if not in AF inventory, will be procured under PE 0208030F War Reserve Munitions, Flares.											
D. Acquisition Strategy Do not anticipate need to award contracts as activities will be completed with Military Interdepartmental Purchase Requests.											
E. Performance Metrics Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)						R-1 ITEM NOMENCLATURE PE 0604270F: Electronic Warfare Development						PROJECT 653891: Advanced IR Counter Measures (AIRCM)			
Product Development (\$ in Millions)				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
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
Support (\$ in Millions)				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
Aircraft/Unit Support	MIPR	AATC:Tucson, AZ	-	0.114	Nov 2012	0.355	May 2013	0.326	May 2014	-		0.326	Continuing	Continuing	
Mission Planning	MIPR	TBD:,	-	0.000		0.180	May 2013	0.250	May 2014	-		0.250	Continuing	Continuing	
Subtotal			0.000	0.114		0.535		0.576		0.000		0.576			
Remarks Performing activities dependent on test participants.															
Test and Evaluation (\$ in Millions)				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
Modeling and Simulation	MIPR	Air Force Research Laboratory:WPAFB, OH	-	0.200	Nov 2012	0.220	May 2013	0.275	May 2014	-		0.275	Continuing	Continuing	
Range Test	MIPR	96th Test Wing:Eglin AFB, FL	-	1.244	Nov 2012	1.100	May 2013	1.000	May 2013	-		1.000	Continuing	Continuing	
Test Support	MIPR	Various:,	-	0.189	Nov 2012	0.100	May 2013	0.100	May 2013	-		0.100	Continuing	Continuing	
Subtotal			0.000	1.633		1.420		1.375		0.000		1.375			
Management Services (\$ in Millions)				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
Program Office/ Government Support	Various	AATC:Tucson, AZ	-	0.020	Nov 2012	0.020	May 2013	0.020	May 2014	-		0.020	Continuing	Continuing	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>						R-1 ITEM NOMENCLATURE PE 0604270F: <i>Electronic Warfare Development</i>				PROJECT 653891: <i>Advanced IR Counter Measures (AIRCM)</i>				

Management Services (\$ in Millions)				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	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			0.000	0.020		0.020		0.020		0.000		0.020					

Remarks Performing activity dependent on test participants.																	
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	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	1.767		1.975		1.971		0.000		1.971			

Remarks																	
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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 5: System Development & Demonstration (SDD)

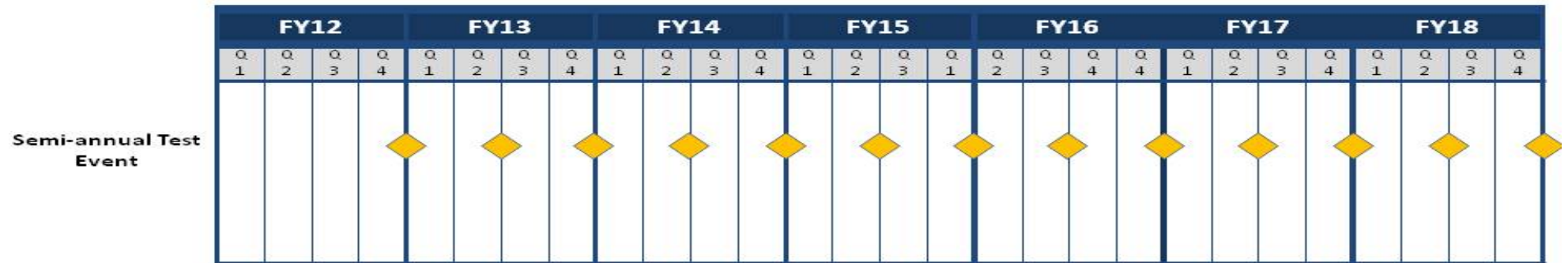
R-1 ITEM NOMENCLATURE

PE 0604270F: *Electronic Warfare Development*

PROJECT

653891: *Advanced IR Counter Measures (AIRCM)*

Schedule



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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604270F: <i>Electronic Warfare Development</i>	PROJECT 653891: <i>Advanced IR Counter Measures (AIRCM)</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
FY12 Test Event	4	2012	1	2013
First FY13 Semi-Annual Test Event	3	2013	3	2013
Second FY13 Semi-Annual Test Event	4	2013	4	2013
First FY14 Semi-Annual Test Event	2	2014	2	2014
Second FY14 Semi-Annual Test Event	4	2014	4	2014
First FY15 Semi-Annual Test Event	2	2015	2	2015
Second FY15 Semi-Annual Test Event	4	2015	4	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604270F: Electronic Warfare Development				PROJECT 655305: MALD-J			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
655305: MALD-J	-	7.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles		0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
This project develops the Miniature Air Launched Decoy Jammer (MALD-J). The jammer is a variant of the MALD decoy and will be able to operate in both decoy and jammer modes. The decoy and jammer configurations are key enablers supporting the Air Force Global Strike, Global Response, Space and C4ISR, and the Air and Space Expeditionary Force Concept of Operations. MALD-J will provide stand-in jamming capability for the Airborne Electronic Attack System of Systems. It will be launched against a preplanned target and jam specific radars in a stand-in role to degrade or deny the Integrated Air Defense System (IADS) detection of friendly aircraft or munitions.												
Planned efforts for this program are risk reduction (to include prototyping), Engineering Manufacturing and Development (EMD), and Initial Operational Test and Evaluation (IOT&E) of the jammer configuration and any other direct increment or variant. This will include design, development, test, aircraft integration, and seamless verification.												
BA5 - This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: System Test & Eval/Aircraft Integration									3.047	0.000	0.000	
Description: Conduct MALD-J Initial Operational Test and Evaluation												
FY 2012 Accomplishments: Completed MALD-J Initial Operational Test and Evaluation												
Title: Management Services									3.953	0.000	0.000	
Description: MALD-J Program Office/Government Support												
FY 2012 Accomplishments: Misc admin cost, travel, PMA, IT support, and Directorate support.												
Accomplishments/Planned Programs Subtotals									7.000	0.000	0.000	

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604270F: <i>Electronic Warfare Development</i>	PROJECT 655305: <i>MALD-J</i>
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u> <u>Base</u>	<u>FY 2014</u> <u>OCO</u>	<u>FY 2014</u> <u>Total</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• APAF: BA05: Line Item #95: <i>War Consumables</i>	83.124	87.556	89.348		89.348	92.448	94.987	95.059	96.770	Continuing	Continuing

Remarks

D. Acquisition Strategy

A full and open competition for MALD was held in FY03 resulting in award of a cost plus award fee contract to Raytheon.

In 2010, the program completed MS B and an Engineering and Manufacturing Decision (EMD) contract was awarded to Raytheon.

EMD and MS C were completed by Mar 2012.

First MALD-J production contract awarded Sep 2011.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY						R-1 ITEM NOMENCLATURE				PROJECT					
3600: Research, Development, Test & Evaluation, Air Force						PE 0604270F: Electronic Warfare Development				655305: MALD-J					
BA 5: System Development & Demonstration (SDD)															
Product Development (\$ in Millions)				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
Operational Test Assets and Support	SS/FFP	Raytheon Missile Systems:Tucson, AZ	-	1.263	Feb 2013	0.000		0.000		-		0.000	0.000	1.263	
Mission Planning	Various	Northrup Grumman:Bethpage, NY	-	0.078	Jun 2012	0.000		0.000		-		0.000	0.000	0.078	
B-52 Aircraft Integration	MIPR	B-52 Program Office:,	-	0.133	Feb 2013	0.000		0.000		-		0.000	0.000	0.133	
F-16 Aircraft Integration	MIPR	F-16 Program Office:,	-	0.070	Sep 2012	0.000		0.000		-		0.000	0.000	0.070	
Design Studies	SS/ Various	Raytheon Missile Systems:Tucson, AZ	-	0.010	Oct 2012	0.000		0.000		-		0.000	0.000	0.010	
Software Updates	SS/ Various	Raytheon Missile Systems:Tucson, AZ	-	1.270	Apr 2013	0.000		0.000		-		0.000	0.000	1.270	
Subtotal			0.000	2.824		0.000		0.000		0.000		0.000	0.000	2.824	
Support (\$ in Millions)				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
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
Test and Evaluation (\$ in Millions)				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
IOT&E Modeling and Simulation Support	Various	Various:,,	-	0.161	Dec 2012	0.000		0.000		-		0.000	0.000	0.161	
Government Test Planning	Various	Various:,,	-	0.062	Sep 2012	0.000		0.000		-		0.000	0.000	0.062	
Subtotal			0.000	0.223		0.000		0.000		0.000		0.000	0.000	0.223	

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APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>							R-1 ITEM NOMENCLATURE PE 0604270F: <i>Electronic Warfare Development</i>				PROJECT 655305: <i>MALD-J</i>				

Management Services (\$ in Millions)				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
PMA - Contractor Support	Various	Various:,	-	3.409	Dec 2012	0.000		0.000		-		0.000	0.000	3.409	
PMA - Government Costs	Various	Various:,	-	0.544	Dec 2012	0.000		0.000		-		0.000	0.000	0.544	
Subtotal			0.000	3.953		0.000		0.000		0.000		0.000	0.000	3.953	

	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	7.000		0.000		0.000		0.000		0.000	0.000	7.000	

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 5: System Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE

PE 0604270F: Electronic Warfare Development

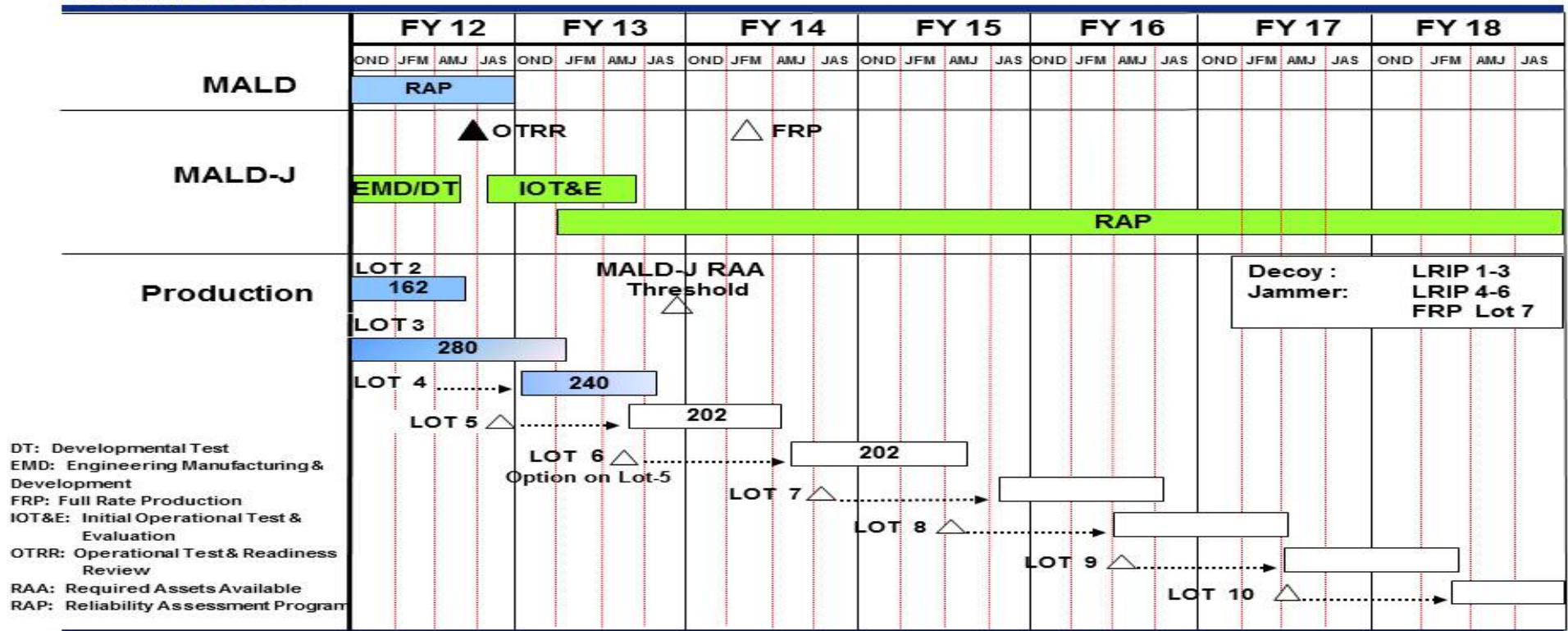
PROJECT

655305: MALD-J



MALD/MALD-J Integrated Schedule

U.S. AIR FORCE



DT: Developmental Test
EMD: Engineering Manufacturing & Development
FRP: Full Rate Production
IOT&E: Initial Operational Test & Evaluation
OTRR: Operational Test & Readiness Review
RAA: Required Assets Available
RAP: Reliability Assessment Program

Integrity - Service - Excellence

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

Events	Start		End	
	Quarter	Year	Quarter	Year
MALD-J Initial Operational Test and Evaluation	4	2012	3	2013
MALD-J Required Assets Available	4	2013	4	2013
MALD-J Full Rate Production Decision	2	2014	2	2014

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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
657004: MALD-J Increment II	-	7.630	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles		0	0	0		0	0	0	0	0		
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Note Project 657004, MALD-J Increment II is terminated.												
A. Mission Description and Budget Item Justification This project develops the Miniature Air Launched Decoy Jammer (MALD-J) Increment II. Increment II will have increased effective radiated power, sensitivity, and improved techniques to counter emerging threats and will be able to operate in both decoy and improved jammer modes. Increment II will be a key enabler for the Airborne Electronic Attack System of Systems supporting the Air Force Global Strike, Global Response, Space and C4ISR, and the Air and Space Expeditionary Force Concept of Operations. It will be launched against a preplanned target and jam specific radars in a stand-in role to degrade or deny Integrated Air Defense System (IADS) detection of friendly aircraft or munitions. BA5 - This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production. This program is terminated. The Air Force completed concept refinement and program shutdown activities.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: Development & Demonstration									7.630	0.000	0.000	
Description: MALD-J Increment II is terminated.												
FY 2012 Accomplishments: MALD-J Increment II is terminated.												
Accomplishments/Planned Programs Subtotals									7.630	0.000	0.000	

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force										DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604270F: Electronic Warfare Development			PROJECT 657004: MALD-J Increment II			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2014</u>	<u>FY 2014</u>	<u>FY 2014</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Complete</u>	<u>Total Cost</u>
• APAF: BA05: Line Item #95: War Consumables	83.124	87.556	89.348		89.348	92.448	94.987	95.059	96.770	Continuing	Continuing
Remarks											
D. Acquisition Strategy Project 657004, MALD-J Increment II is terminated.											
E. Performance Metrics Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force													DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>							R-1 ITEM NOMENCLATURE PE 0604270F: <i>Electronic Warfare Development</i>				PROJECT 657004: <i>MALD-J Increment II</i>				
Product Development (\$ in Millions)				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
Technology Development and Demonstration	SS/CPFF	Raytheon Missile Systems:Tucson, AZ	-	7.630		0.000		0.000		-		0.000	0.000	7.630	
Subtotal			0.000	7.630		0.000		0.000		0.000		0.000	0.000	7.630	
Support (\$ in Millions)				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
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
Test and Evaluation (\$ in Millions)				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
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
Management Services (\$ in Millions)				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
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	7.630		0.000		0.000		0.000		0.000	0.000	7.630	
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>System Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604270F: <i>Electronic Warfare Development</i>	PROJECT 657004: <i>MALD-J Increment II</i>
PE 64270F BPAC 657004 MALD J Increment II No Schedule – Program Terminated		

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force			DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE		PROJECT
3600: Research, Development, Test & Evaluation, Air Force		PE 0604270F: Electronic Warfare		657004: MALD-J Increment II
BA 5: System Development & Demonstration (SDD)		Development		

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Program Termination	2	2012	2	2012