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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0804743F I Other Flight Training							
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	-	0.319	1.347	0.987	-	0.987	1.978	1.980	2.043	2.063	Continuing	Continuing
675303: ADSS Development	-	0.319	0.347	-	-	-	-	-	-	-	-	0.666
675304: Aviation Resource Management System (ARMS)	-	-	1.000	0.987	-	0.987	1.978	1.980	2.043	2.063	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
Note In FY2014, Project Number 675303, Air Education and Training Command (AETC) Decision Support System (ADSS) Development, completed.												
A. Mission Description and Budget Item Justification Program supports the Air Education and Training command (AETC) Decision Support System (ADSS) which is an automated information system that provides AETC leadership and staff with key management information about training production status, including monitoring and assessment of training. The data and reports from ADSS provide the vital feedback mechanism essential to an effective programming and management process. The hardware and software components of ADSS interact and communicate via the DOD standard communications infrastructure. The system uses DOD information transfer assets that provide seamless communications within and across systems and media. Full Operational Capability (FOC) occurs in FY2014. The Aviation Resource Management System (ARMS) is the authoritative data source for recording and managing aircrew training information, aircrew/parachutist management, flying hour tracking, flight pay management, and flying gate tracking for 70,000 Air Force members. The Air Force uses this information to enhance safety-of-flight operations and to determine eligibility to perform aviation related events. New development work is required to provide additional flying operations information, which will aid in better portraying Air Force readiness, and to feed this data into Defense Readiness Reporting System Strategic (DRRS-S). These enhanced capabilities, to be developed incrementally, include the following: electronic flight record, support enhanced flying hour management/execution, simulator and remotely piloted aircraft (RPA) management/utilization, full career logbook, training look-back, aircrew member man-month allocation, enhanced resource and jump module management, and interface with DRRS-S. ARMS data will also be used to support Headquarters Air Force/Major Command (HAF/MAJCOM) level readiness decision reports/analytics. New development work in support of ARMS needs to be accomplished with RDT&E versus O&M funds. This program is Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												

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Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0804743F I Other Flight Training			
B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	0.349	1.347	1.346	-	1.346
Current President's Budget	0.319	1.347	0.987	-	0.987
Total Adjustments	-0.030	-	-0.359	-	-0.359
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-0.030	-	-0.359	-	-0.359

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force										Date: March 2014																														
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0804743F / <i>Other Flight Training</i>				Project (Number/Name) 675303 / <i>ADSS Development</i>																															
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																												
675303: <i>ADSS Development</i>	-	0.319	0.347	-	-	-	-	-	-	-	-	0.666																												
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-																														
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>A. Mission Description and Budget Item Justification Program supports the Air Education and Training Command (AETC) Decision Support System (ADSS) which is an automated information system that provides AETC leadership and staff with key management information about training production status, including monitoring and assessment of training. The data and reports from ADSS provide the vital feedback mechanism essential to an effective programming and management process. The hardware and software components of ADSS interact and communicate via the DOD standard communications infrastructure. The system uses DOD information transfer assets that provide seamless communications within and across systems and media. Tasks to be performed are the development of the ADSS Enterprise Information Integration (ADSS-EII) and Training Pipeline Continuum (TPC) modernization modules. Full Operational Capability (FOC) will occur in FY2014.</p> <p>B. Accomplishments/Planned Programs (\$ in Millions)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FY 2013</th> <th>FY 2014</th> <th>FY 2015</th> </tr> </thead> <tbody> <tr> <td>Title: ADSS</td> <td align="right">0.319</td> <td align="right">0.347</td> <td align="center">-</td> </tr> <tr> <td>Description: Development of AETC Decision Support System (ADSS)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2013 Accomplishments: Continued development of AETC Decision Support System (ADSS)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2014 Plans: Complete development of AETC Decision Support System (ADSS)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2015 Plans: N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="right">0.319</td> <td align="right">0.347</td> <td align="center">-</td> </tr> </tbody> </table> <p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy Contract was recompeted and awarded in the first quarter of FY2012 as a Section 8(a) small business set aside.</p>														FY 2013	FY 2014	FY 2015	Title: ADSS	0.319	0.347	-	Description: Development of AETC Decision Support System (ADSS)				FY 2013 Accomplishments: Continued development of AETC Decision Support System (ADSS)				FY 2014 Plans: Complete development of AETC Decision Support System (ADSS)				FY 2015 Plans: N/A				Accomplishments/Planned Programs Subtotals	0.319	0.347	-
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Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force			Date: March 2014
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0804743F / <i>Other Flight Training</i>	Project (Number/Name) 675303 / <i>ADSS Development</i>	

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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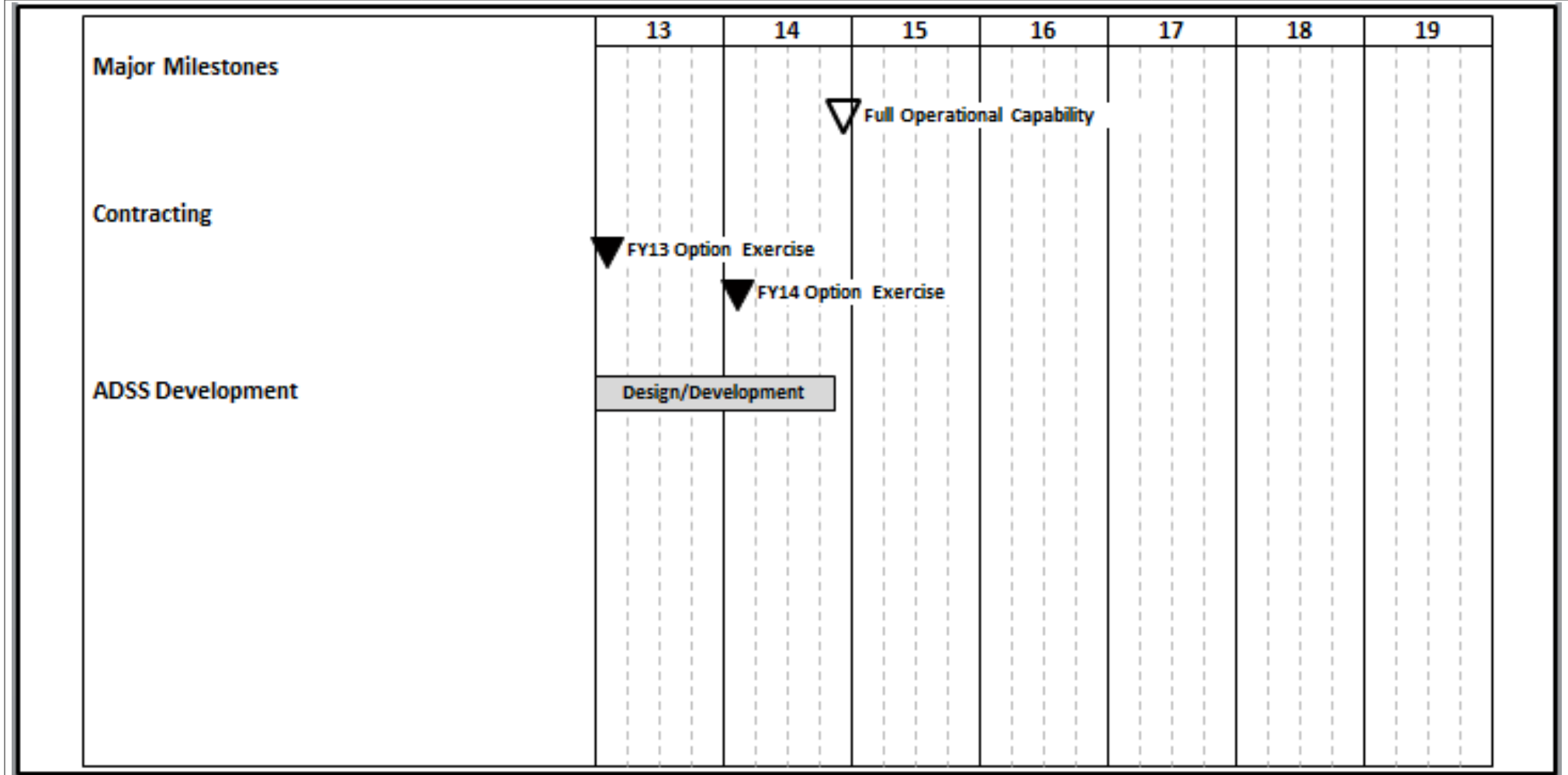
Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity
3600 / 7

R-1 Program Element (Number/Name)
PE 0804743F / *Other Flight Training*

Project (Number/Name)
675303 / *ADSS Development*



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Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force										Date: March 2014		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training				Project (Number/Name) 675304 / Aviation Resource Management System (ARMS)			
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
675304: Aviation Resource Management System (ARMS)	-	-	1.000	0.987	-	0.987	1.978	1.980	2.043	2.063	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
The Aviation Resource Management System (ARMS) is the authoritative data source for recording and managing aircrew training information, aircrew/parachutist management, flying hour tracking, flight pay management, and flying gate tracking for 70,000 Air Force members. The Air Force uses this information to enhance safety-of-flight operations and to determine eligibility to perform aviation related events. ARMS interfaces with the Military Personnel Data System (MilPDS) and multiple operations and flight scheduling systems such as Patriot Excalibur (PEX), Graduate Training Integration Management System (GTIMS), Center Operations On-Line (COOL), Global Decision Support System (GDSS), and Automated Aircrew Management System (AAMS) and is used to determine whom to select for flying operations, assignment actions, and promotion of aircrew members.												
New development work is required to provide additional flying operations information, which will aid in better portraying Air Force readiness, and to feed this data into Defense Readiness Reporting System Strategic (DRRS-S). These enhanced capabilities, to be developed incrementally, include the following: electronic flight record, support enhanced flying hour management/execution, simulator and RPA management/utilization, full career logbook, training look-back, aircrew member man-month allocation, enhanced resource and jump module management, and interface with DRRS-S. Additional development work on the existing ARMS, such as database flattening and Business Process Reengineering (BPR) actions, is required prior to incorporating these enhanced capabilities.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: ARMS									-	1.000	0.987	
Description: Hardware/Software development efforts in support of Aviation Resource Management System (ARMS).												
FY 2013 Accomplishments: N/A												
FY 2014 Plans: Initiated hardware/Software development efforts in support of Aviation Resource Management System (ARMS).												
FY 2015 Plans: Continue hardware/Software development efforts in support of Aviation Resource Management System (ARMS).												
Accomplishments/Planned Programs Subtotals									-	1.000	0.987	

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Air Force										Date: March 2014	
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0804743F / <i>Other Flight Training</i>				Project (Number/Name) 675304 / <i>Aviation Resource Management System (ARMS)</i>			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2015</u>	<u>FY 2015</u>	<u>FY 2015</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Complete</u>	<u>Total Cost</u>
• O&M: BA03: PE 0804743F: <i>Other Flight Training</i>	0.685	1.281	1.195	-	1.195	1.195	1.260	1.376	1.401	Continuing	Continuing
Remarks											
D. Acquisition Strategy											
ARMS will incrementally develop enhancements to the existing system. The acquisition will be a Firm Fixed Price (FFP) contract line item on a competitively awarded contract utilizing Full and Open Competition (FAR Part 15).											
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-4, RDT&E Schedule Profile: PB 2015 Air Force			Date: March 2014		
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