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 7: *Operational Systems Development*						**R-1 ITEM NOMENCLATURE** PE 0708611F: *Support Systems 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	-	50.990	15.873	10.925	-	10.925	15.341	13.704	11.778	11.991	Continuing	Continuing
673318: *Product Data Systems Modernization (PDSM)*	-	0.307	0.000	0.505	-	0.505	0.519	0.539	0.556	0.567	Continuing	Continuing
675042: *Log Application Logisitics Integration (LALI)*	-	10.683	15.873	10.420	-	10.420	14.822	13.165	11.222	11.424	Continuing	Continuing
675044: *Logistics Systems Development (LSD)*	-	40.000	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 673318, Product Data Systems Modernization (PDSM), efforts transferred from PE 0708611F, Support Systems Development (SSD), to PE 0708012F, Logistics Support Activities, to better align with fielded and operational activities supported by PE 0708012F.

In FY 2014, project 673318, Product Data Systems Modernization (PDSM), efforts were transferred from PE 0708012F, Logistics Support Activities, to PE 0708611F, Support Systems Development (SSD), to better align with required RDT&E activities.

A. Mission Description and Budget Item Justification

This program element supports two active projects [project 673318, Product Data System Modernization (PDSM), and project 675042, Logistics Application Logistics Integration (LALI)] and a third project, Logistics Systems Development (LSD), that provides a budgetary accounting location for projects funded through Congressional interest.

Product Data System Modernization (PDSM), project 673318, is an effort to perform enhancements to the following AF Logistics legacy systems: 1) the Air Force Technical Order functionality through the continued enhancement of the Enhanced Technical Information System (ETIMS) Enterprise, 2) implement the Aircraft Structural Integrity Management Information System (ASIMIS) Modernization, and 3) conduct the Product Lifecycle Management (PLM) Conference Room Pilot (CRP) that will document interface requirements with the Maintenance, Repair, and Overhaul (MRO) and Enterprise Supply Chain Analysis, Planning and Execution (ESCAPE) efforts, 4) use the ESCAPE program to develop a COTS-based Advanced Planning and Scheduling (APS) solution. PDSM activities also include studies and analysis to support both current and future program planning and program execution to include Nuclear Weapons Related Material (NWRM) technical data requirements.

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force		DATE: April 2013
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Project Logisitics Application Logistics Integration (LALI), project 675042, includes Logistics, Installations and Mission Support - Enterprise View (LIMS-EV), an effort to provide integrated, singular information from multiple source systems through the Global Combat Support System - Air Force (GCSS-AF) Integration Framework (IF) to Air Force strategic to tactical level decision makers.

Logistics Systems Development (LSD), project 675044, provides a budgetary accounting location for projects having Congressional interest.

Activities also include studies and analysis to support both current program planning and execution and future program planning.

This program is in 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.

B. Program Change Summary ($ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	50.990	15.873	15.420	-	15.420
Current President's Budget	50.990	15.873	10.925	-	10.925
Total Adjustments	0.000	0.000	-4.495	-	-4.495
• 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	0.000	0.000			
• Other Adjustments	0.000	0.000	-4.495	-	-4.495

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2012	FY 2013
Project: 675044: *Logistics Systems Development (LSD)*		
Congressional Add: *Alternative Energy Research, 2012*	40.000	0.000
Congressional Add Subtotals for Project: 675044	40.000	0.000
Congressional Add Totals for all Projects	40.000	0.000

Change Summary Explanation

FY14: Program is reduced by $4.495M due to reprogramming for higher Air Force priorities.

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 7: *Operational Systems Development*					**R-1 ITEM NOMENCLATURE** PE 0708611F: *Support Systems Development*				**PROJECT** 673318: *Product Data Systems Modernization (PDSM)*			
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
673318: *Product Data Systems Modernization (PDSM)*	-	0.307	0.000	0.505	-	0.505	0.519	0.539	0.556	0.567	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

In FY 2013, project 673318, Product Data Systems Modernization (PDSM), efforts transferred from PE 0708611F, Support Systems Development (SSD), to PE 0708012F, Logistics Support Activities, project 673318, Product Data Systems Modernization (PDSM), to better align with fielded and operational activities supported by PE 0708012F, Logistics Support Activities.

In FY 2014, project 673318, Product Data Systems Modernization (PDSM), efforts were transferred from PE 0708012F, Logistics Support Activities, project 673318, Product Data Systems Modernization (PDSM), to PE 0708611F, Support Systems Development (SSD), to better align with RDT&E activities suppported by PE 0708611F, Support Systems Development (SSD).

A. Mission Description and Budget Item Justification

Product Data System Modernization (PDSM), project 673318, is an effort to perform enhancements to the following Air Force Logistics legacy systems:

1) The Air Force Technical Order functionality through the continued enhancement of the Enhanced Technical Information System (ETIMS) Enterprise.

2) Implement the Aircraft Structural Integrity Management Information System (ASIMIS) Modernization that will include the Rehost of analysis output data in new database, replicate mainframe functionality in new environment (PC) and language, provide web-accessible data mining/viewing, and expand CAC enabled access control & Helpdesk support.

3) Conduct the Product Lifecycle Management (PLM) Conference Room Pilot (CRP) that will document interface requirements with the Maintenance, Repair, and Overhaul (MRO) and Enterprise Supply Chain Analysis, Planning and Execution (ESCAPE) efforts. It will facilitate an integrated approach with the ESCAPE and MRO CRPs by utilizing the Service Development and Delivery Process (SDDP). This effort is planned in two increments of 12 months each. Each increment of PLM CRP will test and validate integrated PLM, supply chain, and MRO data management requirements along with feedback loops required to maintain data currency and accuracy within PLM.

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013
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4) Conduct the Enterprise Supply Chain Analysis, Planning and Execution (ESCAPE) program to further develop a commercial-off-the-shelf (COTS)-based Advanced Planning and Scheduling (APS) solution to modernize via technical refresh and integrate legacy planning capability within the United States Air Force. This will be accomplished by modernizing and subsuming, where possible, existing supply chain planning information systems.

Activities also include studies and analysis to support both current and future program planning and program execution to include Nuclear Weapons Related Material (NWRM) technical data requirements.

This program is in 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.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
Title: ETIMS	0.057	0.000	0.160
Description: The Air Force Technical Order functionality implementation of Enhanced Technical Information System (ETIMS) Enterprise. Activities also include studies and analysis to support both current and future program planning and program execution to include Nuclear Weapons Related Material (NWRM) technical data requirements. *FY 2012 Accomplishments:* Continued ETIMS enhancements and incorporated technical data activities and technical integration. Incorporated management and support of AF technical data activities. *FY 2013 Plans:* NA *FY 2014 Plans:* Continue development effort to integrate the Joint Computer-Aided Acquisition Logistics System (JCALS) functionality into ETIMS. The AF will make further progress toward the complete Technical Order Management capability by satisfying, in one system, the six requirements met by JCALS.			
Title: ASIMIS	0.060	0.000	0.120
Description: Aircraft Structural Integrity Management Information System (ASIMIS) modernization that will include the re-host of analysis output data in new database, replicate mainframe functionality in new environment (PC) and language, provide web-accessible data mining/viewing, and expand Common Access Card (CAC) enabled access control & Helpdesk support. *FY 2012 Accomplishments:* Initiated WEB Reports Database Development to provide a single entry point for all Individual Aircraft Tracking (IAT) and Loads/ Environment Spectrum Survey (L/ESS) reports as well as data mining tools to query specific aircraft in the fleet and forecast			

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
"what-if" scenarios. Also initiated Mainframe Data Dump. Move archived data from a Defense Information Systems Agency (DISA) supported IBM mainframe to local PC Storage. *FY 2013 Plans:* NA *FY 2014 Plans:* Complete WEB Reports and the Mainframe Database. Initiate the second increment of ASIMIS modernization acquisition focusing on moving five weapon systems off of the mainframe to stand-alone PCs.			
Title: PLM CRP	0.060	0.000	0.120
Description: Product Lifecycle Management Conference Room Pilot (PLM CRP) is a multiple-increment effort to document interface requirements for the Maintenance, Repair, and Overhaul (MRO) and Enterprise Supply Chain Analysis, Planning, and Execution (ESCAPE) efforts. PLM CRP facilitates an integrated approach with the ESCAPE and MRO CRPs by utilizing the Service Development and Delivery Process (SDDP). *FY 2012 Accomplishments:* Initiated increment 1 of the PLM CRP to test and validate integrated PLM, supply chain, and MRO data management requirements along with feedback loops required to maintain data currency and accuracy within PLM. PLM CRP results were developed and deployed into Product Lifecycle Management System (PLMS) maintenance releases. *FY 2013 Plans:* NA *FY 2014 Plans:* Complete increment 2 of the PLM CRP. Initiate increment 3 to support ESCAPE, MRO and DCC. The PLM Pilot will test and evaluate requirements identified by the Engine and ICBM communities, and selected Master Data Management (MDM) workflows. PLM CRP results will be developed and deployed into Product Lifecycle Management System (PLMS) maintenance releases.			
Title: ESCAPE	0.030	0.000	0.105
Description: The Enterprise Supply Chain Analysis, Planning and Execution (ESCAPE) program will further develop a commercial-off-the-shelf (COTS)-based Advanced Planning and Scheduling (APS) solution to modernize via technical refresh and integrate legacy planning capability within the United States Air Force. This will be accomplished by modernizing and subsuming, where possible, existing supply chain planning information systems. *FY 2012 Accomplishments:*			

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 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0708611F: *Support Systems Development*	**PROJECT** 673318: *Product Data Systems Modernization (PDSM)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
Initiated ESCAPE planning and development. ***FY 2013 Plans:*** NA ***FY 2014 Plans:*** Continue ESCAPE planning and development.			
Title: Program Management Administration (PMA) ***Description:*** Program Management Administration (PMA) funding supports engineering and technical development and implementation activities, along with acquisition support efforts. ***FY 2012 Accomplishments:*** Continued PMA. ***FY 2013 Plans:*** NA ***FY 2014 Plans:*** NA	0.100	0.000	0.000
Accomplishments/Planned Programs Subtotals	0.307	0.000	0.505

C. Other Program Funding Summary ($ in Millions)

Line Item	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
• RDTE: BA07: 0708012F: *Logistics Support Activities*	0.944	0.577	0.000		0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

Remarks

D. Acquisition Strategy

The acquisition strategy for the various PDSM efforts (ETIMS, ASIMIS, PLM CRP, ESCAPE) is to award on a firm-fixed price basis utilizing a competitive, best-value criteria as appropriate.

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 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0708611F: *Support Systems Development*	PROJECT 673318: *Product Data Systems Modernization (PDSM)*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	Award Date	FY 2013 Cost	Award Date	FY 2014 Base Cost	Award Date	FY 2014 OCO Cost	Award Date	FY 2014 Total 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)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	Award Date	FY 2013 Cost	Award Date	FY 2014 Base Cost	Award Date	FY 2014 OCO Cost	Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Manage and Support Technical Data Services	C/FP	NGIT:Wright-Patterson AFB, OH	-	0.100	Apr 2012	0.000		0.258	Nov 2013	-		0.258	Continuing	Continuing	
Technical Data Integrator/ Developer Support	C/CPFF	SAIC:Wright-Patterson AFB, OH	-	0.107	Apr 2012	0.000		0.247	Nov 2013	-		0.247	Continuing	Continuing	
Subtotal			0.000	0.207		0.000		0.505		0.000		0.505			

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	Award Date	FY 2013 Cost	Award Date	FY 2014 Base Cost	Award Date	FY 2014 OCO Cost	Award Date	FY 2014 Total 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)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	Award Date	FY 2013 Cost	Award Date	FY 2014 Base Cost	Award Date	FY 2014 OCO Cost	Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration (PMA) System Program Office (SPO) Operations	C/FP	OASIS:Wright-Patterson AFB, OH	-	0.100	Apr 2012	0.000		0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	0.100		0.000		0.000		0.000		0.000			

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 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708611F: Support Systems Development	PROJECT 673318: Product Data Systems Modernization (PDSM)

	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	0.307	0.000	0.505	0.000	0.505			

Remarks

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 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0708611F: *Support Systems Development*	**PROJECT** 673318: *Product Data Systems Modernization (PDSM)*

Product Data Systems Modernization (PDSM) Schedule – ETIMS/ASIMIS/PLM/ESCAPE PE 78611F

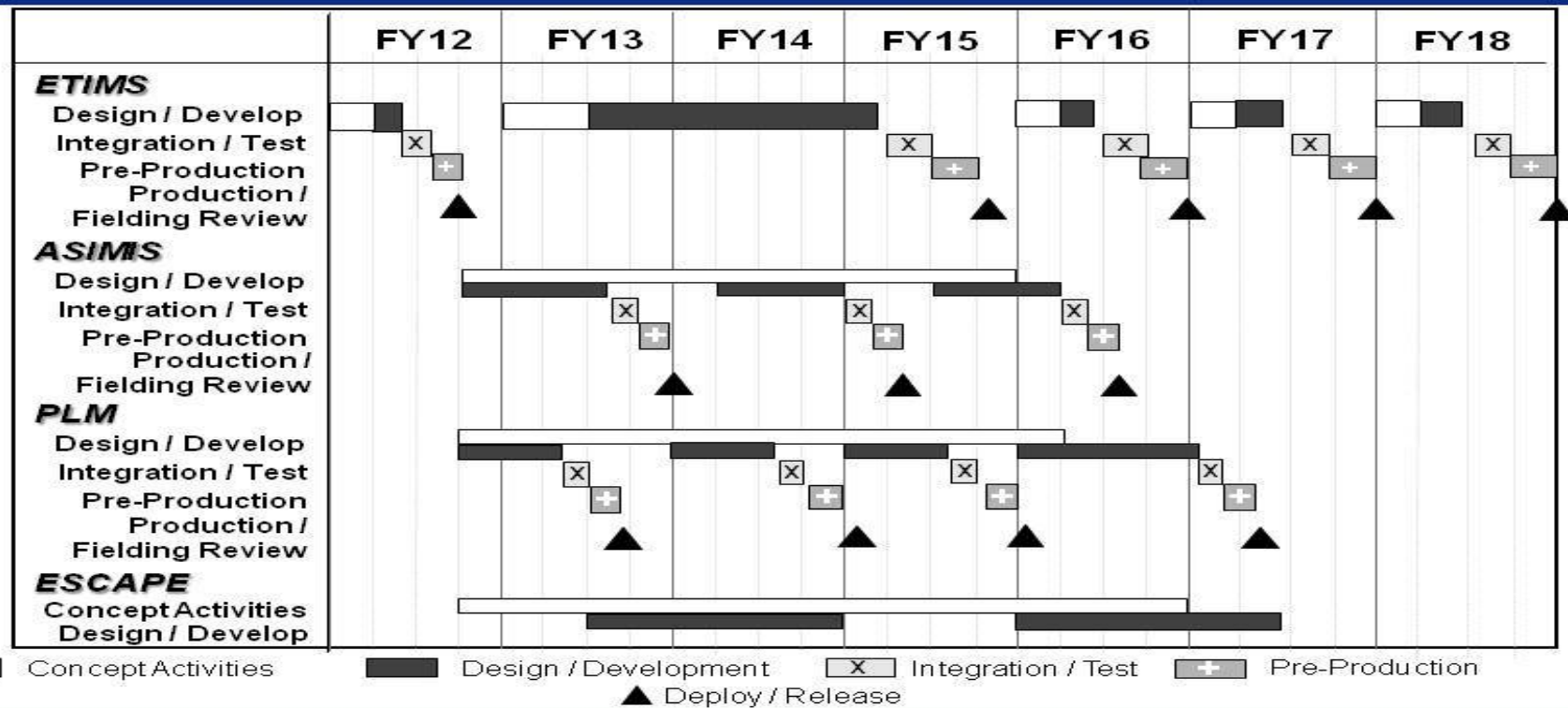| Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force				DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 7: *Operational Systems Development*		R-1 ITEM NOMENCLATURE PE 0708611F: *Support Systems Development*		PROJECT 673318: *Product Data Systems Modernization (PDSM)*	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
ETIMS Concept Activities1	1	2012	1	2012
ETIMS Design/Develop1	2	2012	2	2012
ETIMS Integration/Test1	2	2012	3	2012
ETIMS Pre-Production1	3	2012	3	2012
ETIMS Production/Fielding Review1	3	2012	4	2012
ETIMS Concept Activities2	1	2013	2	2013
ETIMS Design/Develop2	3	2013	4	2015
ETIMS Integration/Test2	2	2015	3	2015
ETIMS Pre-Production2	3	2015	4	2015
ETIMS Production/Fielding Review2	4	2015	4	2015
ASIMIS Concept Activities	4	2012	4	2015
ASIMIS Design/Develop1	4	2012	3	2013
ASIMIS Design/Develop2	2	2014	4	2014
ASIMIS Integration/Test1	3	2013	4	2013
ASIMIS Integration/Test2	1	2015	2	2015
ASIMIS Production/Fielding Review	1	2014	1	2014
PLM CRP Concept Activities	4	2012	4	2015
PLM CRP Design/Develop1	4	2012	2	2013
PLM CRP Design/Develop2	1	2014	3	2014
PLM CRP Design/Develop3	1	2015	3	2015
PLM CRP Integration/Test1	3	2013	4	2013
PLM CRP Integration/Test2	3	2014	4	2014

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force					DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 7: *Operational Systems Development*			R-1 ITEM NOMENCLATURE PE 0708611F: *Support Systems Development*		PROJECT 673318: *Product Data Systems Modernization (PDSM)*	

Events	Start		End	
	Quarter	Year	Quarter	Year
PLM CRP Integration/Test3	3	2015	4	2015
PLM CRP Pre-Production1	3	2013	4	2013
PLM CRP Pre-Production2	4	2014	1	2015
PLM CRP Pre-Production3	4	2015	1	2016
PLM CRP Production/Fielding Review1	3	2013	3	2013
PLM CRP Production/Fielding Review2	1	2015	1	2015
PLM CRP Production/Fielding Review3	1	2016	1	2016
ESCAPE Concept Activities	4	2012	4	2016
ESCAPE Design/Develop1	3	2013	4	2014
ESCAPE Design/Develop2	1	2016	2	2017

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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
675042: *Log Application Logisitics Integration (LALI)*	-	10.683	15.873	10.420	-	10.420	14.822	13.165	11.222	11.424	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

Project 675042, Logistics Installation Logistics Integration (LALI) supports a number of efforts. Logistics, Installations and Mission Support - Enterprise View (LIMS-EV) funding provides Business Intelligence (BI) development efforts in support of the Air Force logistics transformation initiative. As Air Force logistics transforms and streamlines its processes, new enterprise focused enablement is required. LIMS-EV develops and supports BI capabilities for transformation initiatives like Air Force Global Logistics Support Center, Aircraft Availability Program, Equipment and Vehicle Transformation Initiative, Global Ammunition Control Point and Repair Network Integration. LIMS-EV capabilities provide integrated, one-version-of-truth information from multiple source systems to decision makers from strategic to tactical level. LIMS-EV funding will allow development efforts to enable other transformation initiatives, extend current BI capabilities to provide configurable alerting, predictive analysis, what-if analysis and further integration of support equipment, vehicle, munitions, supply, commodities and components (engines, landing gears, etc) to increase weapons systems availability.

Maintains the flexibility to conduct Business Process Re-Engineering (BPRE) by use of the Service Development and Delivery Plan (SDDP). BPRE and SDDP activties, along with data discovery and migration support of legacy logistics systems, have been limited due to ongoing reevaluation and cancellation of ECSS.

As a result of the delay in migrating a number of legacy logistics systems to ECSS, the current state of Air Force Legacy Information Technology logistics systems is under evaluation. Legacy Modernization and Legacy Remediation activities include efforts to bring systems originally planned to be subsumed by ECSS up to Financial Improvement and Audit Readiness (FIAR) compliance.

Will continue Air Force development of a F-35 Autonomic Logistics Information System (ALIS) - User IT Data Exchange Service (UIDES) that will facilitate Information Exchange Requirement (IER) data transfer capability from the F-35 ALIS into data reports and configurable tables in order to receive, store and integrate F-35 operations, maintenance, training and financial data within existing Air Force enterprise views and capabilities to support the growing fleet of AF F-35 Air Vehicles. Further, this funding will facilitate depot configuration and integration efforts along with data exchange configuration changes in order to facilitate receiving and consuming additional amounts as well as increasing types of ALIS IER data.

This program is in 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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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013	
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
Title: LIMS-EV	4.683	7.373	4.670

Description: Logistics, Installations and Mission Support - Enterprise View (LIMS-EV) funding provides business intelligence (BI) development efforts in support of the Air Force logistics transformation initiative for the 21st century, eLog21. As Air Force logistics transforms and streamlines its processes, new enterprise focused enablement is required. LIMS-EV develops and supports business intelligence capabilities for transformation initiatives like Air Force Global Logistics Support Center, Aircraft Availability Program, Equipment and Vehicle Transformation Initiative, Global Ammunition Control Point and Repair Network Integration (RNI). LIMS-EV capabilities provide integrated one-version-of-truth information from multiple source systems to decision makers from strategic to tactical level. LIMS-EV funding will allow development efforts to enable other eLog21 initiatives, extend current BI capabilities to provide configurable alerting, predictive analysis, what-if analysis and further integration of support equipment, vehicle, munitions, supply, commodities and components (engines, landing gears, etc) to increase weapons systems availability.

FY 2012 Accomplishments:
LIMS-EV developed/deployed enterprise Business Intelligence (BI) capabilities for the following: Repair Network View (spiral 1) provides an enterprise capability and capacity (CAP2) reporting and analysis tool and the ability to manage the standardized capability and capacity information provided by the propulsion repair nodes to determine the network(s) and node(s) ability to fulfill anticipated funded requirements with existing infrastructure and manpower; Engine View (spiral 1) provides analysis tool for senior leaders down to unit level users by delivering near real time and historical War Reserve Engine, Base Stock Level and other critical metrics.

FY 2013 Plans:
Continued LIMS-EV planning, design, and development activities to develop additional Business Intelligence (BI) capabilities such as: Repair Network View (spiral 2) to include Precision Measurement Equipment Laboratory and additional repair networks on landing gear, avionics and others; Engine View (spiral 2) to provide additional metrics and analysis in areas such as: maintainability, removal rates, production, and Time Compliance Technical Order (TCTO). Optimize Weapon System View and include Remote Piloted Aircraft control systems to Weapons System View; Provide Logistics Readiness Squadron Dashboard to enable squadron commanders' enterprise view of approved metrics; Perform Metadata Repository Automate (MRA) updates as appropriate. Plan to achieve BI capability IOC for Configuration Alerts fourth quarter (4 Qtr) 2013.

FY 2014 Plans:
Continue LIMS-EV activities to develop BI capabilities such as: Repair Network View (spiral 3) to include additional repair networks on landing gear, avionics and others; enhance Equipment View to provide additional metrics and analysis in areas such

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 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708611F: Support Systems Development	PROJECT 675042: Log Application Logisitics Integration (LALI)	

B. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
as: support equipment availability, maintainability, retention, and mal-positioned assets; Provide Depot Maintenance View to improve overall depot maintenance enterprise; Perform Metadata Repository Automate (MRA) updates as appropriate.			
Title: Legacy Modernization	1.391	1.000	1.000
Description: Continue Legacy Modernization design and development activities. Enhanced Integrated Maintenance Data System (IMDS) for Combat Ammunition System (CAS) to modify the inventory program, Deployment Readiness Service (DRS) spiral developments, IMDS-Training Business Area (TBA) upgrade to training modules, IMDS-Electronic Maintenance Operations Center (EMOC) munitions, Integration interfaces, Integrated Logistics Systems-Supply (ILS-S) Phase I software upgrade, Weapons System Management Information System (WSMIS), Enhanced Technical Information Management System (ETIMS), and Reliability and Maintainability Information System (REMIS) modernization efforts. Associated Logistics Data Interface Transition (LDIT) planning activities and Portfolio Management Process (PMP) and Logistics Information Requirements (LIR) updates. *FY 2012 Accomplishments:* Continued Legacy Modernization design and development efforts to modernize Integrated Maintenance Data System (IMDS)-Combat Ammunition System (CAS), IMDS-Training Business Area (TBA), IMDS-Electronic Maintenance Operations Center (EMOC), Deployment Readiness Service (DRS). Continued Logistics Data Interface Transition (LDIT) planning activities and Portfolio Management Process (PMP) and Logistics Information Requirements (LIR) updates. *FY 2013 Plans:* Continued Legacy Modernization design and development activities. Enhanced Integrated Maintenance Data System (IMDS) for Combat Ammunition System (CAS) to modify the inventory program, Deployment Readiness Service (DRS) spiral developments, IMDS-Training Business Area (TBA) upgrade to training modules, IMDS-Electronic Maintenance Operations Center (EMOC) munitions, Integration interfaces, Integrated Logistics Systems-Supply (ILS-S) Phase I software upgrade, Weapons System Management Information System (WSMIS), Enhanced Technical Information Management System (ETIMS), and Reliability and Maintainability Information System (REMIS) modernization efforts. Associated Logistics Data Interface Transition (LDIT) planning activities and Portfolio Management Process (PMP) and Logistics Information Requirements (LIR) updates. *FY 2014 Plans:* Continue Legacy Modernization design and development efforts to modernize Integrated Maintenance Data System (IMDS)-Combat Ammunition System (CAS), IMDS-Training Business Area (TBA), IMDS-Electronic Maintenance Operations Center (EMOC), Deployment Readiness Service (DRS). Continued Logistics Data Interface Transition (LDIT) planning activities and Portfolio Management Process (PMP) and Logistics Information Requirements (LIR) updates.			
Title: Legacy Remediation/FIAR	1.109	2.250	2.000

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 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0708611F: *Support Systems Development*	PROJECT 675042: *Log Application Logisitics Integration (LALI)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
Description: The Legacy Remediation/FIAR (Financial Improvement Audit Readiness) effort seeks to design and develop solutions to remediate legacy processes, data, and systems to insure funds reported in the financial statements are accurate and complete and that IT controls are in place that follow accounting, security, and other Financial Improvement and Audit Readiness (FIAR) compliance mandates. *FY 2012 Accomplishments:* Continued Legacy Remediation/FIAR design and development efforts. *FY 2013 Plans:* Continued Legacy Remediation/FIAR design and development remediation activities for legacy processes, data, and systems to insure funds reported in the financial statements are accurate and complete and that IT controls are in place that follow accounting, security, and other Financial Improvement and Audit Readiness (FIAR) compliance mandates. *FY 2014 Plans:* Continue Legacy Remediation/FIAR design and development efforts.			
Title: F-35 ALIS-UIDES Integration *Description:* The F-35 Autonomic Logistics Information System (ALIS) - User IT Data Exchange Service (UIDES) Data integration design and development effort will develop a UIDES that will facilitate Information Exchange Requirement (IER) data transfer capability from the F-35 ALIS into data reports and configurable tables in order to receive, store and integrate F-35 operations, maintenance, training and financial data within existing Air Force enterprise views and capabilities to support the growing fleet of AF F-35 Air Vehicles. Further, this funding will facilitate depot configuration and integration efforts along with data exchange configuration changes in order to facilitate receiving and consuming of additional amounts of ALIS IER data as well as increasing types *FY 2012 Accomplishments:* Initiated F-35 ALIS design and development efforts. Completed configuration testing. *FY 2013 Plans:* Continued Air Force development of a User IT Data Exchange Service (UIDES) that will facilitate Information Exchange Requirement (IER) data transfer capability from the F-35 Autonomic Logistics Information System (ALIS) into data reports and configurable tables in order to receive, store and integrate F-35 operations, maintenance, training and financial data within existing Air Force capabilities to support the growing fleet of AF F-35 Air Vehicles. *FY 2014 Plans:*	2.000	3.750	1.250

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2012	FY 2013	FY 2014
Continue Air Force development of a User IT Data Exchange Service (UIDES) that will facilitate Information Exchange Requirement (IER) data transfer capability from the F-35 Autonomic Logistics Information System (ALIS) into data reports and configurable tables in order to receive, store and integrate F-35 operations, maintenance, training and financial data within existing Air Force capabilities to support the growing fleet of AF F-35 Air Vehicles.			
Title: CE IT Transformation	0.500	0.000	0.000
Description: The Civil Engineer's (CE) Information Technology (IT) Transformation effort will *FY 2012 Accomplishments:* Completed CE IT Transformation effort. Achieved Initial Operational Capability (IOC) 4Q FY 2012.			
Title: Program Management Administration (PMA)	1.000	1.500	1.500
Description: Program Management Administration (PMA) funding supports engineering and technical development and implementation activities, along with acquisition support efforts. *FY 2012 Accomplishments:* Continued PMA. *FY 2013 Plans:* Continued PMA. *FY 2014 Plans:* Continue PMA.			
Accomplishments/Planned Programs Subtotals	10.683	15.873	10.420

C. Other Program Funding Summary ($ in Millions)

Line Item	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
• Not Applicable: *N/A*	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

Remarks

D. Acquisition Strategy
   LALI projects will be competively acquired using a variety of fixed price, labor hour, time and material, and cost plus contracts.

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 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0708611F: *Support Systems Development*	**PROJECT** 675042: *Log Application Logisitics Integration (LALI)*

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 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708611F: Support Systems Development	PROJECT 675042: Log Application Logisitics Integration (LALI)

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
LALI LIMS-EV Systems Engineering Contractor Support (Product Development)	C/CPFF	Lockheed Martin:WPAFB, OH	-	4.806	Mar 2012	5.269	Mar 2013	4.395	Jan 2014	-		4.395	Continuing	Continuing	
LALI LIMS-EV Project Development Support	C/CPFF	DSD/Deloitte:Arlington, VA	-	0.735	Apr 2012	1.824	Apr 2013	1.925	Apr 2014	-		1.925	Continuing	Continuing	
Legacy Modernization	C/Various	Various:Montgomery, AL	-	1.391	Apr 2012	1.500	Apr 2013	2.600	Apr 2014	-		2.600	Continuing	Continuing	
Legacy Remediation/FIAR	C/Various	TBD:Montgomery, AL	-	1.109	Jan 2012	2.000	Jan 2013	0.000		-		0.000	Continuing	Continuing	
ALIS	C/FFP	Lockheed Martin:WPAFB, OH	-	1.400	Feb 2012	3.780	Jan 2013	0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	9.441		14.373		8.920		0.000		8.920			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total 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)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
LALI Systems Ingineering Base Support & Test Development Range	C/CPFF	DSD/Deloitte:Arlington, VA	-	0.242	Jan 2012	0.000		0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	0.242		0.000		0.000		0.000		0.000			

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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 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0708611F: *Support Systems Development*	PROJECT 675042: *Log Application Logisitics Integration (LALI)*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	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
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Administration (PMA) LALI Program Management Office (PMO) Support	C/CPFF	DSD/ Deloitte:Arlington, VA	-	1.000	Feb 2012	1.500	Jan 2013	1.500	Jan 2014	-		1.500	Continuing	Continuing	
Program Management Administration (PMA) LALI PMO Tasks (Support Integration and Development)	C/CPFF	DSD Deloitte:Arlington, VA	-	0.000		0.000		0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	1.000		1.500		1.500		0.000		1.500			

	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	10.683	15.873	10.420	0.000	10.420			

Remarks

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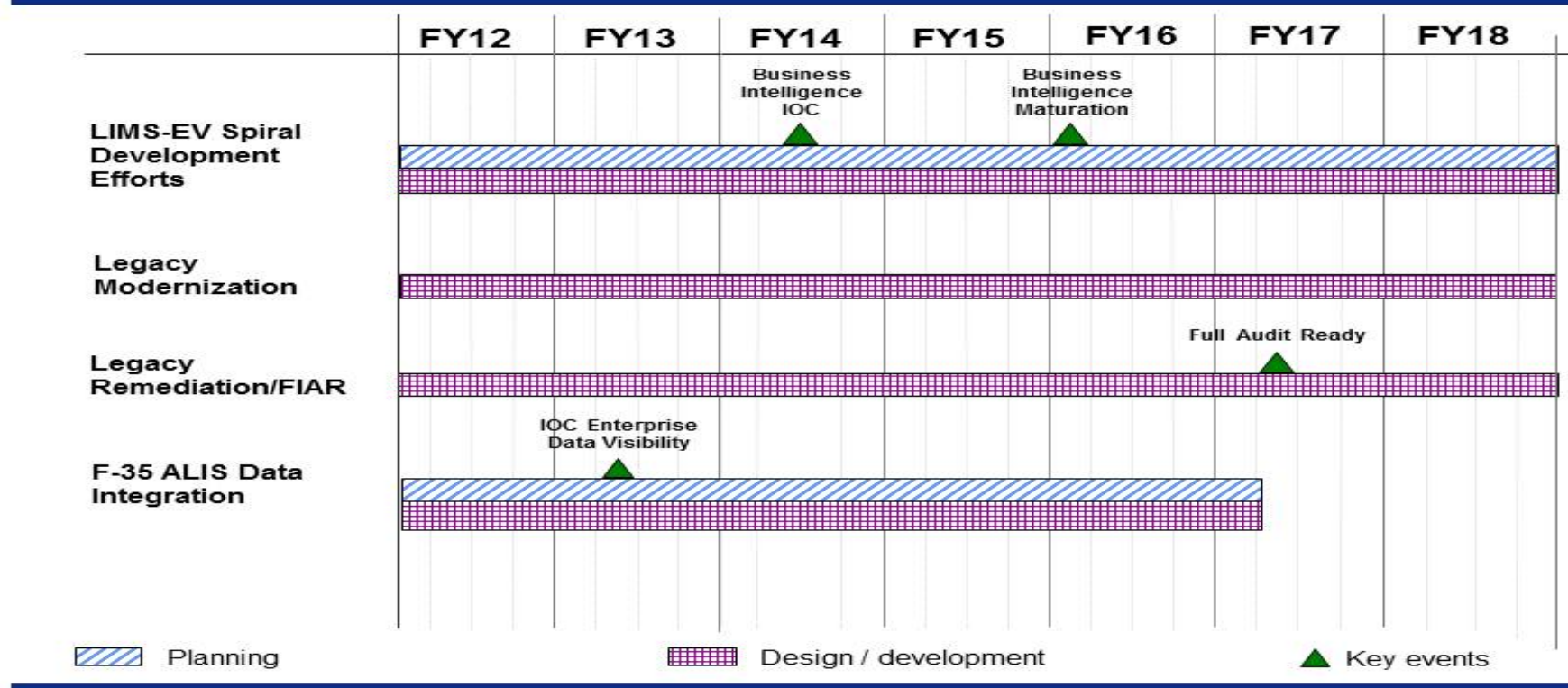| Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708611F: Support Systems Development	PROJECT 675042: Log Application Logisitics Integration (LALI)

Logistics Application Logistics Integration (LALI) Schedule

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
Logistics Installations and Mission Support Enterprise View (LIMS-EV) Planning	1	2012	4	2018
LIMS-EV Design/Development	1	2012	4	2018
LIMS-EV BI Capabilities (Depot Maintenance) IOC	2	2014	2	2014
LIMS-EV Business Intelligence (BI) Maturation	1	2016	1	2016
Legacy Modernization Design/Development	1	2012	4	2018
Legacy Remediation/FIAR Design/Development	1	2012	4	2018
Legacy Remediation/FIAR - Full Audit Ready	2	2017	2	2017
F-35 ALIS Planning	1	2012	2	2017
F-35 ALIS Design/Development	1	2012	2	2017
F-35 ALIS IOC Enterprise Data Visibility	2	2013	2	2013

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 7: *Operational Systems Development*

R-1 ITEM NOMENCLATURE
PE 0708611F: *Support Systems Development*

PROJECT
675044: *Logistics Systems Development (LSD)*

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
675044: *Logistics Systems Development (LSD)*	-	40.000	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

Project 675044, Logistics Systems Development (LSD), is a budgetary accounting location for LSD projects having Congressional interest.

In FY 2012, completed Engine Health Management Plus Data Repository Center (EHMPDRC). Congress continued to have interest in Alternative Energy Research (AER) and provided $40.000M for AER in 2012.

This program is in 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.

B. Accomplishments/Planned Programs ($ in Millions)

	FY 2012	FY 2013
Congressional Add: Alternative Energy Research, 2012	40.000	0.000
FY 2012 Accomplishments: Continued Alternative Energy Research project.		
FY 2013 Plans: Continued Alternative Energy Research project.		
Congressional Adds Subtotals	40.000	0.000

C. Other Program Funding Summary ($ in Millions)

Line Item	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
• Not Applicable: *N/A*	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

Remarks

D. Acquisition Strategy

Project 675044, Logistics Systems Development (LSD), is a budgetary accounting location for LSD projects having Congressional interest.

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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 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0708611F: *Support Systems Development*	**PROJECT** 675044: *Logistics Systems Development (LSD)*

The preferred acquisition strategy is to use a competitive, best value contracting strategy.

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.

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 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0708611F: *Support Systems Development*	**PROJECT** 675044: *Logistics Systems Development (LSD)*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Alternative Energy Research, 2012	TBD	TBD:TBD,	-	40.000		0.000	Apr 2013	0.000		-		0.000	Continuing	Continuing	TBD
Subtotal			0.000	40.000		0.000		0.000		0.000		0.000			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total 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)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total 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)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total 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	40.000	0.000	0.000	0.000	0.000			

Remarks

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 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708611F: Support Systems Development	PROJECT 675044: Logistics Systems Development (LSD)

Logistics Systems Development (LSD) Schedule

	FY12	FY13	FY14	FY15	FY16	FY17	FY18
Engine Health Management Plus Data Repository Center (EHMPDRC)	▮						
Alternative Energy Research, 2011	▮						
Alternative Energy Research, 2012	▮▮						

▮ Design / development

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: *Research, Development, Test & Evaluation, Air Force* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0708611F: *Support Systems Development*	**PROJECT** 675044: *Logistics Systems Development (LSD)*

Schedule Details

Events	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
Engine Health Management Plus Data Repository Center (EHMPDRC)	1	2012	4	2012
LSD Congressional Add - Alternative Energy Research (AER), 2011	1	2012	4	2012
LSD Congressional Add - Alternative Energy Research (AER), 2012	1	2012	4	2013