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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force / BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0708611F / <i>Support Systems Development</i>
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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	-	13.945	10.912	16.209	-	16.209	15.327	11.662	11.890	12.116	Continuing	Continuing
673318: <i>Product Data Systems Modernization (PDSM)</i>	-	-	0.505	0.512	-	0.512	0.533	0.551	0.562	0.572	Continuing	Continuing
675042: <i>Log Application Logisitics Integration (LALI)</i>	-	13.945	10.407	15.697	-	15.697	14.794	11.111	11.328	11.544	Continuing	Continuing

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

**Note**

In FY14, the Enhanced Technical Information Management System (ETIMS) Program efforts were transferred from PE 0708012F, Logistics Support Activities, to PE 0708611F, Support Systems Development, BPAC 673318 Product Data Systems Modernization to modify the ETIMS system to support Nuclear Weapons Related Material (NWRM) technical data requirements.

**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)].

Project 673318: PDSM funds modifications to the Enhanced Technical Information System (ETIMS) Enterprise, which supports Air Force Technical Order management, storage and distribution critical to depot maintenance activities. ETIMS activities 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.

Project 675042: LALI includes funding for Logistics, Installations and Mission Support - Enterprise View (LIMS-EV) and F-35 User IT Data Exchange Service (UIDES).

LIMS-EV provides integrated, singular information from multiple source systems through the Global Combat Support System - Air Force (GCSS-AF) Integration Framework (IF) to Air Force decision makers. Funding for LIMS-EV supports Business Intelligence (BI) development efforts that enhance the AF logistics community's ability to perform configurable alerting, predictive/what-if analysis and further integrate support equipment, vehicle, munitions, supply, commodities and components (e.g. engines, landing gears, fuel) to increase weapons system and total asset visibility (TAV).

Funding for F-35 UIDES will continue Air Force development of a F-35 Autonomic Logistics Information System (ALIS) - User IT Data Exchange Service that supports current and future Information Exchange Requirement (IER) data transfer capability from the F-35 ALIS into data reports and configurable tables to receive, store and integrate F-35 operations, maintenance, training and financial data within existing Air Force enterprise views to support the growing fleet of AF F-35 aircraft. Funding supports development of an enhanced data sharing capability (ability to consume increased volume and variety of ALIS IER data) to support depot data configuration

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and integration requirements. Activities also include studies and analysis to support both current program/project planning and execution and future program/project planning.

In the FY15 PB, funding is requested to continue development of ETIMS, LIMS-EV and F-35 UIDES in support of the Air Force's logistics Information Technology modernization 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>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
Previous President's Budget	15.873	10.925	15.341	-	15.341
Current President's Budget	13.945	10.912	16.209	-	16.209
Total Adjustments	-1.928	-0.013	0.868	-	0.868
• Congressional General Reductions	-0.021	-0.013			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.427	-			
• Other Adjustments	-1.480	-	0.868	-	0.868

**Change Summary Explanation**

Decrease in FY13 other adjustments was due to Sequestration.  
Increase in FY15 to support Logistics Applications Logistics Integration (LALI) requirements.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0708611F / <i>Support Systems Development</i>	<b>Project (Number/Name)</b> 673318 / <i>Product Data Systems Modernization (PDSM)</i>
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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
673318: <i>Product Data Systems Modernization (PDSM)</i>	-	-	0.505	0.512	-	0.512	0.533	0.551	0.562	0.572	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**

In the FY15 PB, Project 673318, PDSM supports funding for Air Force Technical Order functionality through the continued enhancement of the Enhanced Technical Information System (ETIMS) Enterprise. Development of the ETIMS project across the FYDP will be continued as part of the remediation/modernization/transformation approach for AF Logistics IT. For specific details on this project see PE 0708610F.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2013	FY 2014	FY 2015
<b>Title:</b> Enhance Technical Information Management System (ETIMS) Software Upgrade	-	0.505	0.512
<b>Description:</b> The Air Force Technical Order functionality implementation of the ETIMS Enterprise. Activities include studies and analysis to support both current and future program planning and program execution to include NWRM technical data requirements.			
<b>FY 2013 Accomplishments:</b> N/A			
<b>FY 2014 Plans:</b> 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.			
<b>FY 2015 Plans:</b> Continue development effort to integrate the 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.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	0.505	0.512

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0708611F / <i>Support Systems Development</i>	<b>Project (Number/Name)</b> 673318 / <i>Product Data Systems Modernization (PDSM)</i>

**D. Acquisition Strategy**

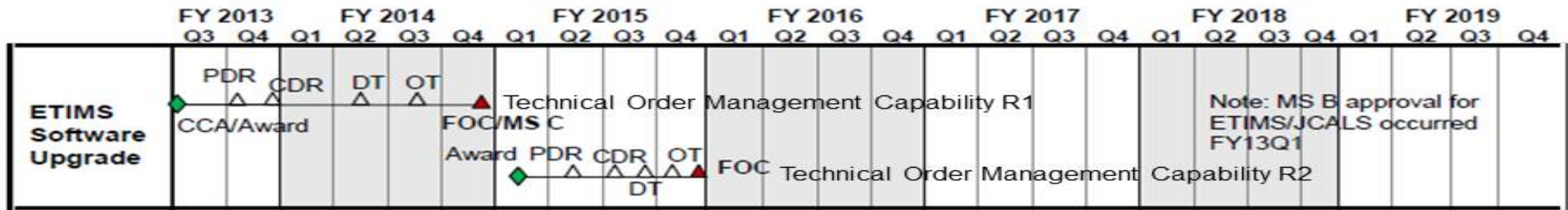
The acquisition strategy for ETIMS is to award on a firm-fixed price basis utilizing a competitive, best-value criteria as appropriate.

**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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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0708611F / Support Systems Development	<b>Project (Number/Name)</b> 673318 / Product Data Systems Modernization (PDSM)



**Legend**

- ◆ = Scheduled Start
- ▲ = Scheduled Finish
- △ = Milestone or Key Decision Point

\*Q1/Q2FY13 not shown, as approval to execute RDT&E did not occur until Q3FY13.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 Air Force										<b>Date:</b> March 2014		
<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0708611F / <i>Support Systems Development</i>				<b>Project (Number/Name)</b> 675042 / <i>Log Application Logistics Integration (LALI)</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO #</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
675042: <i>Log Application Logistics Integration (LALI)</i>	-	13.945	10.407	15.697	-	15.697	14.794	11.111	11.328	11.544	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**

Project 675042: LALI includes funding for Logistics, Installations and Mission Support - Enterprise View (LIMS-EV) and F-35 User IT Data Exchange Service (UIDES).

LIMS-EV provides integrated, singular information from multiple source systems through the Global Combat Support System - Air Force (GCSS-AF) Integration Framework (IF) to Air Force decision makers. Funding for LIMS-EV supports Business Intelligence (BI) development efforts that enhance the AF logistics community's ability to perform configurable alerting, predictive/what-if analysis and further integrate support equipment, vehicle, munitions, supply, commodities and components (e.g. engines, landing gears, fuel) to increase weapons system and total asset visibility (TAV).

Funding for F-35 UIDES will continue Air Force development of a F-35 Autonomic Logistics Information System (ALIS) - User IT Data Exchange Service that supports current and future Information Exchange Requirement (IER) data transfer capability from the F-35 ALIS into data reports and configurable tables to receive, store and integrate F-35 operations, maintenance, training and financial data within existing Air Force enterprise views to support the growing fleet of Air Force F-35 aircraft. Funding will also support development of an enhanced data sharing capability (ability to consume increased volume and variety of ALIS IER data) to support depot data configuration and integration requirements, and studies and analysis to support both current program/project planning and execution and future program/project planning.

PE activities support the Business Process Re-Engineering (BPRE) and the Air Force Service Development and Delivery Process (SDDP).

**B. Accomplishments/Planned Programs (\$ in Millions)**

	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<b>Title:</b> LIMS-EV	10.195	9.157	10.639
<b>Description:</b> LIMS-EV provides integrated, singular information from multiple source systems through the Global Combat Support System - Air Force (GCSS-AF) Integration Framework (IF) to Air Force decision makers. Funding for LIMS-EV supports Business Intelligence (BI) development efforts that enhance the AF logistic's community's ability to perform configurable alerting, predictive/what-if analysis and further integrate support equipment, vehicle, munitions, supply, commodities and components (e.g. engines, landing gears, fuel) to increase weapons system and total asset visibility (TAV).			
<b>FY 2013 Accomplishments:</b>			

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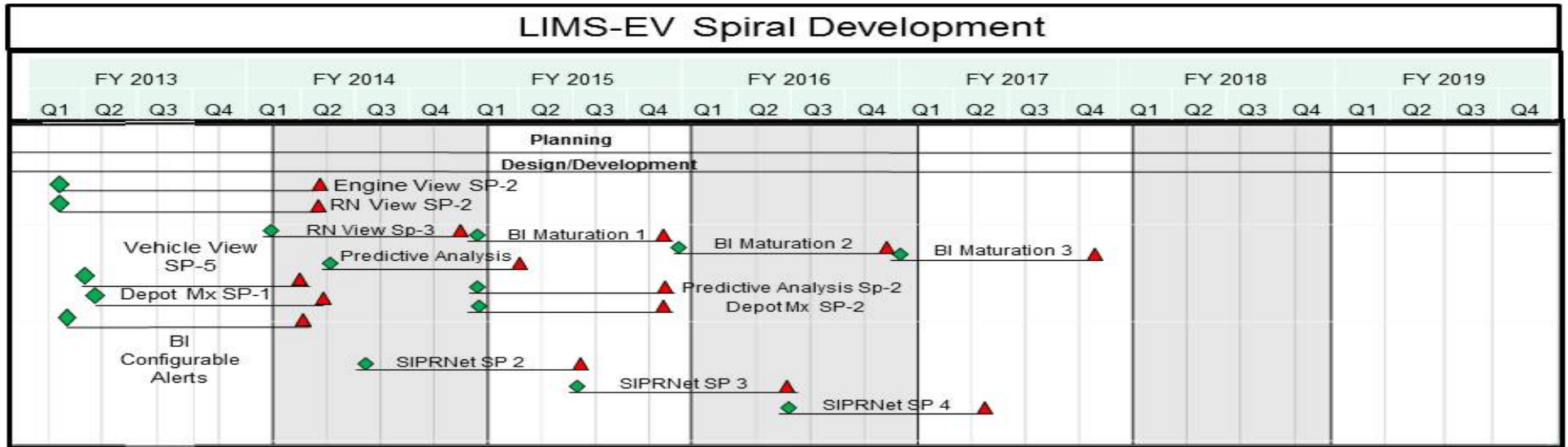
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<p>LIMS-EV developed/deployed enterprise Business Intelligence (BI) capabilities for the following: Depot Maintenance View provides a single source for viewing analytical metrics for current and historical depot maintenance information; Remote Piloted Aircraft integration to the Weapons System View and Fleet Asset Status to provide visibility of the overall weapon system to include mission support equipment; Logistics Readiness Squadron Commanders Dashboard measures the health and accountability of logistics readiness at base level; Office of the Secretary of Defense (OSD) metrics dashboard provides an enterprise metrics view of performance measurements for Air Force Logistics; began integration of F-35 data into the LIMS-EV Weapons Systems and Fleet Asset Status Views providing enterprise information regarding the F-35 fleet</p> <p><b>FY 2014 Plans:</b> Continue LIMS-EV activities to develop BI capabilities such as: Repair Network View (spiral 3) to include additional repair networks on precision measurement equipment laboratory (PMEL) equipment, landing gear, and others; enhance Equipment View to provide additional metrics and analysis in areas such as: support equipment availability, maintainability, retention, and mal-positioned assets; Integrate Air Force Supply Chain Data Base (AFSCDB) reporting/analysis requirements to LIMS-EV Supply Chain Management capabilities and prepare for AFSCDB decommission, provide enterprise capabilities for re-use across all LIMS-EV capabilities such as configurable alerts/event management, PowerPoint export, data quality dashboard, etc. Expand LIMS-EV capabilities to the Secure Internet Protocol Router Network (SIPRNet) in support of Logistics Feasibility Analysis Capability (LOGFAC) and Joint Service initiatives such as PACOM/PACAF Logistics Common Operating Picture (LOGCOP) supporting the warfighter</p> <p><b>FY 2015 Plans:</b> Continue to mature the logistics enterprise with LIMS-EV activities to develop BI capabilities such as: Logistics Balanced Scorecard in support of AF A4/7 Logistics strategy to monitor and manage performance measurement of Logistics, Installations and Mission Support. Expand LIMS-EV capabilities through BI Maturation to tie capabilities to operational requirements; include predictive analysis capabilities within LIMS-EV to allow analysts at all levels to predict when failures of end-items will occur. Continue LIMS-EV SIPRNet Spiral activities to further develop secure capabilities to provide Air Force leaders a secure view of the Total Cost of Logistics to report logistics cost drivers, link to readiness, and the impact of cost decisions on logistics to better prepare AF Logistics Leaders to defend logistics requirements in Planning, Programming, Budget and Execution (PPBE) process.</p>				
<b>Title:</b> F-35 ALIS-UIDES Integration		3.750	1.250	5.058
<b>Description:</b> Funding for F-35 UIDES will continue Air Force development of a F-35 Autonomic Logistics Information System (ALIS) - User IT Data Exchange Service that supports current and future Information Exchange Requirement (IER) data transfer capability from the F-35 ALIS into data reports and configurable tables to receive, store and integrate F-35 operations, maintenance, training and financial data within existing Air Force enterprise views to support the growing fleet of Air Force F-35 aircraft. Funding will also support development of an enhanced data sharing capability (ability to consume increased volume and variety of ALIS IER data) to support depot data configuration and integration requirements.				

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<p><b><i>FY 2013 Accomplishments:</i></b> Began integration of F-35 data into the Air Force enterprise Weapons Systems and Fleet Asset Status views, providing single source point of information regarding the F-35 fleet.</p> <p><b><i>FY 2014 Plans:</i></b> Continue development of the F-35 ALIS UIDES to allow visibility of the Central Point of Entry (CPE) data. The CPE will support additional IERs and data flows from/to Squadron Operating Units within each flying unit, providing access to Air Force enterprise information. This will ensure operational and sustainment activities are properly received, stored and integrated.</p> <p><b><i>FY 2015 Plans:</i></b> Continue to mature F-35 ALIS UIDES activities to support the increasing number of IERs flowing from ALIS to the AF systems. These IERs include depot maintenance, interoperability of organizational maintenance, and supply chain management.</p>				
<b>Accomplishments/Planned Programs Subtotals</b>		13.945	10.407	15.697
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b>				
LIMS-EV and associated UIDES deliveries will utilize services provided by Global Combat Support System Air Force (GCSS-AF) Integration Framework. GCSS-AF Data Services Program Management Office (PMO), as LIMS-EV Program Manager, is responsible to competitively acquire additional LIMS-EV capabilities using a variety of fixed price, labor hour, time and material, and cost plus contracts.				
LIMS-EV and UIDES capabilities utilize services provided by Global Combat Support System Air Force (GCSS-AF) Integration Framework. GCSS-AF Data Services PMO, as LIMS-EV Program Manager, manages LIMS-EV development projects following standard software spiral development process.				
LIMS-EV and associated UIDES development projects will be awarded as task orders using GCSS AF 2 contract with GCSS AF Data Services Program Management Office, Wright-Patterson Air Force Base, Ohio.				
<b>E. Performance Metrics</b>				
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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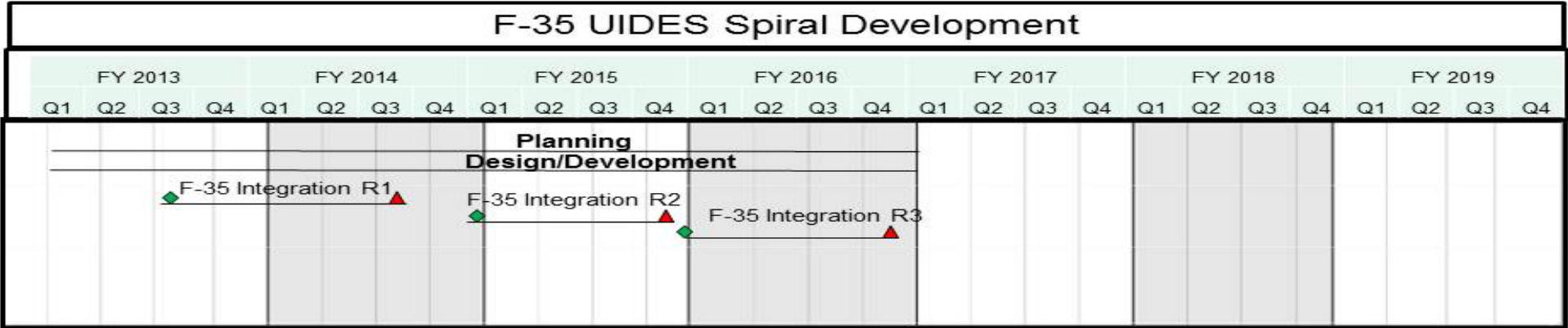
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