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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0605860F I Rocket Systems Launch Program (SPACE)							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	-	12.755	34.364	21.858	-	21.858	17.295	17.524	17.660	17.977	Continuing	Continuing
661023: Rocket System Launch Program (RSLP)	-	12.755	34.364	21.858	-	21.858	17.295	17.524	17.660	17.977	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

## A. Mission Description and Budget Item Justification

Rocket Systems Launch Program (RSLP) provides responsive space and Research, Development, Test and Evaluation (RDT&E) launch vehicle support to DoD and other government agencies using commercial launch systems and excess ballistic missile assets. The RSLP mission was established by the Secretary of Defense in 1972. It provides mission planning, payload integration, vehicle acquisition, processing, launch operations, booster storage and disposition, aging surveillance, maintenance and logistics support for selected DoD responsive space and RDT&E launches. Costs directly attributable to a specific launch or program (e.g. reliability of flight testing, maintenance of launch vehicle processing infrastructure) are paid by the user (Air Force, Navy, Army, Missile Defense Agency (MDA), Defense Advanced Research Project Agency (DARPA), National Reconnaissance Office (NRO), etc.). RSLP maintains exclusive control of deactivated Minuteman and Peacekeeper assets used in testing to include refurbishment, transportation and handling, storage, and launch services. RSLP also funds general research, development, and supplemental reliability of flight testing efforts for launch to enhance the reliability of the Minotaur and other fleet vehicles (e.g., updates to the Modular Mechanical Ordnance Destruct System).

This program is in Budget Activity 6, RDT&E Management Support because this budget activity includes research, development, test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

The FY2016 funding request was reduced by \$.482 million to account for the availability of prior execution balances.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
Previous President's Budget	12.755	34.364	25.451	-	25.451
Current President's Budget	12.755	34.364	21.858	-	21.858
Total Adjustments	-	-	-3.593	-	-3.593
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	-3.593	-	-3.593

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<u>Change Summary Explanation</u> The FY2016 funding request was reduced by -\$.482 million to account for the availability of prior execution balances.  FY2016 reduction due to higher DoD priorities.				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015	FY 2016
<b>Title:</b> Storage/Refurbishment/Demil  <b>Description:</b> Storage, refurbishment, inventory control, and demil/disposal of deactivated Minuteman, Peacekeeper and other missile flight test assets  <b>FY 2014 Accomplishments:</b> Continued storage, refurbishment, inventory control, and demil/disposal of deactivated Minuteman, Peacekeeper and other missile flight test assets and perform research and development support operations as required; successfully disposed of 475 flight control units with an innovative process which avoids high organic disposal costs. Continued support activities such as, but not limited to sustainment of support equipment, mission support, and special studies, etc.  <b>FY 2015 Plans:</b> Continue storage, refurbishment, inventory control, and demil/disposal of deactivated Minuteman, Peacekeeper and other missile flight test assets and perform research and development support operations as required. Replace an aging Arm/Disarm switch with a new design that reduces component count and failure modes. Fully account for all RSLP rockets and equipment via item unique identification. Continue support activities such as, but not limited to sustainment and refurbishment of support equipment, mission support, special studies, etc.  <b>FY 2016 Plans:</b> Continue storage, refurbishment, inventory control, and demil/disposal of deactivated Minuteman, Peacekeeper and other missile flight test assets and perform research and development support operations as required. Investigate and develop shipping throughput capacity to maximize opportunity for motor disposal. Continue support activities such as, but not limited to sustainment and refurbishment of support equipment, mission support, special studies, etc.		6.300	14.200	11.243
<b>Title:</b> Aging Surveillance  <b>Description:</b> Perform aging surveillance-related activities on stored motors  <b>FY 2014 Accomplishments:</b>		0.050	4.718	4.532

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<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
Continued performing aging surveillance-related activities on stored motors; continued performing analyses/studies to identify and evaluate potential safety-related issues affecting stored motors; continued program office support and related support activities such as, but not limited to mission support, special studies, etc.  <b>FY 2015 Plans:</b> Continue performing aging surveillance-related activities on stored motors; continue performing analyses/studies to identify and evaluate potential safety-related issues affecting stored motors; continue program office support and related support activities such as, but not limited to mission support, special studies, etc.  <b>FY 2016 Plans:</b> Continue performing aging surveillance-related activities on stored motors; continue performing analyses/studies to identify and evaluate potential safety-related issues affecting stored motors; continue program office support and related support activities such as, but not limited to mission support, special studies, etc.				
<b>Title:</b> Other Launch Support Services  <b>Description:</b> Perform launch services activities  <b>FY 2014 Accomplishments:</b> Continued vehicle acquisition, processing, launch services support, mission assurance, and launch operations to launch NOAA's Deep Space Climate Observatory (DSCOVR) mission.  <b>FY 2015 Plans:</b> Continue vehicle acquisition, processing, launch services support, mission assurance, and launch operations to launch NOAA's Deep Space Climate Observatory (DSCOVR) mission. Begin launch vehicle acquisition, processing, launch services support, mission assurance, and operations to launch RDT&E payloads.  <b>FY 2016 Plans:</b> Continue launch vehicle acquisition, processing, launch services support, mission assurance, and operations to launch RDT&E payloads.		6.405	15.446	6.083
<b>Accomplishments/Planned Programs Subtotals</b>		12.755	34.364	21.858
<b>D. Other Program Funding Summary (\$ in Millions)</b> N/A <b>Remarks</b>				

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<b>E. Acquisition Strategy</b> N/A		
<b>F. 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.		