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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0605864F: Space Test Program							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	44.468	47.409	10.051	-	10.051	-	-	-	-	Continuing	Continuing
662617: Free-Flyer Spacecraft Missions	44.468	47.409	10.051	-	10.051	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The Space Test Program (STP) conducts space test missions for the purpose of accelerating DoD space technology transformation while lowering developmental risk. The program flies an optimally selected number of DoD sponsored experiments consistent with priority, opportunity, and funding. STP missions are the most cost-effective way to flight test new space system technologies, concepts and designs, providing an inexpensive way to:

- Support the space acquisition block development approach
- Demonstrate and develop responsive research and development (R&D) space capabilities
- Provide early operational capabilities to quickly react to new developments
- Perform operational risk reduction through direct flight test of prototype components
- Improve operational design by characterizing the space environment, event, or sensor physics proposed for an operational system/system upgrade
- Develop, test, and acquire advanced payload support hardware for small and medium expendable launch vehicles (LV) and unmanned spaceflight vehicles

The Deputy Secretary of Defense Space Test Program Management & Funding Policy, issued in Jul 2002, reaffirmed STP as the primary provider of spaceflight for the DoD space research community. The Jul 2002 policy statement also reaffirms STP's role as the single manager for all DoD payloads on the Space Shuttle and the International Space Station. In FY11, STP provided launch services to 24 SERB-approved experiments including seven long-duration experiments on the ISS. FY11 also saw the launch of an additional 13 experiments on the Shuttle or other man-rated systems with additional integration to the ISS. It also provided operations support for free-flyer experiments and long-duration external experiments on the ISS. The DoD Space Experiments Review Board (SERB) approved and prioritized 63 experiments in 2011 as candidates for launch services.

Beginning in FY13, new STP efforts are terminated. FY13 efforts support program closeout and termination. STP-2 integration and mission will be continued in FY13-FY15 via existing funding in PE 0603401F Advanced Spacecraft Technology, RDT&E AF. STP-2 is a dedicated research and development launch mission that also supports the commercial new entrant launch strategy.

STP is in Budget Activity 6, RDT&E Management Support, because it supports RDT&E satellite launches.

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B. Program Change Summary (\$ in Millions)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget		47.623	47.926	49.569	-	49.569
Current President's Budget		44.468	47.409	10.051	-	10.051
Total Adjustments		-3.155	-0.517	-39.518	-	-39.518
• Congressional General Reductions		-	-0.517			
• Congressional Directed Reductions		-	-			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-2.545	-			
• Other Adjustments		-0.610	-	-39.518	-	-39.518
Change Summary Explanation						
FY11:						
-\$2.545M for SBIR.						
-\$0.610M for Congressional General Reductions (CGRs).						
FY12:						
-\$0.517M for CGRs.						
FY13:						
Program net decrease -\$39.518M (-\$39.569M for termination of Space Test Program; +\$0.051M inflationary factor adjustment to remaining \$10.000M)						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2011	FY 2012	FY 2013
Title: PROGRAM SUPPORT				1.484	1.257	0.283
Description: Provide program support for piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, NASA Shuttle, the ISS, manned and ISS resupply, and commercial spaceflight missions						
FY 2011 Accomplishments:						
Provided program support for piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, NASA Shuttle, the ISS, manned and ISS resupply, and commercial spaceflight missions						
FY 2012 Plans:						

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2011	FY 2012	FY 2013
Provide program support for piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, the ISS, ISS resupply, and commercial spaceflight missions, and begin program termination management, mission manifest changes/updates, documentation and records storage, and other closeout activities as required to terminate program FY 2013 Plans: Provide program support for closeout of spaceflight missions, and complete program termination management, documentation and records storage, and other activities as required to terminate program				
Title: PAYLOAD INTEGRATION Description: Initiate, develop, and continue integration of payloads onto piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, NASA Shuttle, the ISS, manned and ISS resupply, and commercial spaceflight missions to include acquisition of associated spacecraft and integration hardware FY 2011 Accomplishments: Initiated, developed, and continued integration of payloads onto piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, NASA Shuttle and man-rated LVs, the ISS, ISS resupply and commercial spaceflight missions to include acquisition of associated spacecraft and integration hardware FY 2012 Plans: Complete remaining payload integration efforts onto piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, the ISS, ISS resupply and commercial spaceflight missions to include acquisition of associated spacecraft and integration hardware		21.597	9.297	-
Title: LAUNCH VEHICLE AND LAUNCH SERVICES Description: Initiate and continue purchase of launch vehicles and launch vehicle support for piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, NASA Shuttle, the ISS, manned and ISS resupply, and commercial spaceflight missions FY 2011 Accomplishments: Initiated and continued purchase and integration of launch vehicles and launch vehicle support for piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, NASA Shuttle, the ISS, manned and ISS resupply, and commercial spaceflight missions FY 2012 Plans: Continue purchase and integration of launch vehicles and launch vehicle support for piggyback/secondary, Small Launch Vehicle, Medium Launch Vehicle, ISS, and ISS resupply, and commercial spaceflight missions for maximum flyout of existing, approved payloads to support program termination FY 2013 Plans:		14.585	29.785	1.737

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2011	FY 2012	FY 2013
Complete return-flight support for final Houston-based missions			
Title: ON ORBIT SATELLITE OPERATIONS Description: Initiate, develop, and continue first-year operations and operations planning for STP-sponsored missions. FY 2011 Accomplishments: Initiated, developed, and continued first-year operations and operations planning for STP-sponsored missions. FY 2012 Plans: Develop and continue first-year operations and operations planning for STP-sponsored missions. FY 2013 Plans: Complete first-year operations and/or operations support for final STP-sponsored missions in support of program termination	5.302	7.070	8.031
Title: LAUNCH STUDIES Description: Conduct studies to explore future launch opportunities, risk reduction activities, and mission planning FY 2011 Accomplishments: Funded studies for new small launch vehicle mission	1.500	-	-
Accomplishments/Planned Programs Subtotals	44.468	47.409	10.051

D. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• Related Procurement:: N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

E. Acquisition Strategy N/A

F. 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.
