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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 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0605978F I Facilities Sustainment - Test and Evaluation Support							
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	-	24.986	27.643	32.965	-	32.965	28.080	28.598	29.154	29.623	Continuing	Continuing
6606MR: Facility Sustainment-T&E Support	-	24.986	27.643	32.965	-	32.965	28.080	28.598	29.154	29.623	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

Provides resources for sustainment activities required for an inventory of Air Force Material Command (AFMC) Test and Evaluation (T&E) facilities. Facility sustainment includes regularly scheduled adjustments and inspections, preventative maintenance tasks, and emergency response and service calls for minor repairs. It also includes major repairs or replacement of facility components that are expected to occur periodically. In addition to standard facility sustainment, such as roof replacement, refinishing of wall and floor surfaces, and repairing and replacing of heating and cooling systems, this work includes inspections and repairs of heavy plant machinery in large industrial facilities. This work includes, but is not limited to, inspection and repair of high-power electrical switching gear, hydraulic, lubrication, forced-air and fluid cooling systems, high pressure vessel health monitoring, facility control and remote monitoring systems, liquid oxygen systems, steam systems, test instrumentation, and fire detection and suppression systems. Other tasks associated with facilities operations (such as custodial services, grass cutting, and landscaping, waste disposal, and the provision of central utilities) are not included. These sustainment funds support the following Air Force organizations and their associated test and evaluation facilities, including: remote locations, 96th Test Group (TG) at Holloman AFB, NM, the 96th Test Wing (TW) at Eglin AFB, FL, the Arnold Engineering and Development Complex (AEDC) at Arnold AFB, TN, the 412 Test Wing (TW) at Edwards AFB, CA, 96 TG Landing Gear Test Facility (LGTF) at Wright-Patterson AFB, OH, Hypersonic Wind Tunnel 9 at White Oak, MD, and the National Full-Scale Aerodynamics Complex (NFAC) at Moffett Field, CA.

Budget Activity Justification: This program element 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.

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B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	
Previous President's Budget	27.301	27.643	28.698	-	28.698	
Current President's Budget	24.986	27.643	32.965	-	32.965	
Total Adjustments	-2.315	-	4.267	-	4.267	
• Congressional General Reductions	-0.036	-				
• Congressional Directed Reductions	-	-				
• Congressional Rescissions	-	-				
• Congressional Adds	-	-				
• Congressional Directed Transfers	-	-				
• Reprogrammings	-	-				
• SBIR/STTR Transfer	-	-				
• Other Adjustments	-2.279	-	4.267	-	4.267	
Change Summary Explanation						
FY13: Decrease of \$2.315M is due to FY13 sequester and deferral of material purchases (part/spares) for sustainment.						
FY15: Increase of \$4.267M is due to USAF strategic decisions to restore test capability funding due to revised strategies and DoD priorities.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015
Title: Facility sustainment at the 96 TG.				0.363	0.355	0.348
Description: Facility sustainment at the 96 TG.						
FY 2013 Accomplishments: Completed projects include sustainment of the test unique infrastructure throughout the National Radar Cross Section (RCS) Test Facility (NRTF), Holloman High Speed Test Track (HHSTT), Central Inertial and Global Positioning System (GPS) Test Facility (CIGTF), and the Landing Gear Test Facility (LGTF). Completed projects include carpet replacement at 96 TG operating locations at Wright-Patterson AFB, OH and window replacement at CIGTF.						
FY 2014 Plans: Projects include sustainment of the test unique infrastructure throughout the NRTF, HHSTT, CIGTF, and the LGTF. Sustainment projects include painting buildings, carpet replacement, heating, ventilation, and air conditioning (HVAC) repairs and roof repairs throughout the 96 TG.						
FY 2015 Plans:						

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Projects include sustainment of the test unique infrastructure throughout the NRTF, HHSTT, CIGTF, and the LGTF. Sustainment projects include painting buildings, carpet replacement, HVAC repairs and roof repairs throughout the 96 TG.				
Title: Facility sustainment at the 96 TW. Description: Facility sustainment at the 96 TW. FY 2013 Accomplishments: Completed several hundred Direct Scheduled Work Orders (DSWs) within the Test infrastructure. FY 2014 Plans: Complete several hundred DSWs within the test infrastructure. FY 2015 Plans: Complete several hundred DSWs within the test infrastructure.		0.431	0.422	0.409
Title: Facility sustainment at the AEDC. Description: Facility sustainment at the AEDC. FY 2013 Accomplishments: Performed calendar based scheduled preventative maintenance on Engine Test Facility Plant and associated engine test cells, Propulsion Wind Tunnel Plant and associated wind tunnels, Von Karman Facility (VKF) Plant Core and associated test cells, arc heaters, rocket test facility, space chambers, and hypersonic engine test facilities, along with associated infrastructure that supports all test operations. FY 2014 Plans: Perform calendar based scheduled preventative maintenance on Engine Test Facility Plant and associated engine test cells, Propulsion Wind Tunnel Plant and associated wind tunnels, VKF Plant Core and associated test cells, arc heaters, rocket test facility, space chambers, and hypersonic engine test facilities, along with associated infrastructure that supports all test operations. Plan and execute project to disassemble, inspect, evaluate, refurbish and/or repair and test one helium rotary screw compressor unit for the cryogenic cooling system for space chambers. FY 2015 Plans: Perform calendar based scheduled preventative maintenance on Engine Test Facility Plant and associated engine test cells, Propulsion Wind Tunnel Plant and associated wind tunnels, VKF Plant Core and associated test cells, arc heaters, rocket		22.863	25.517	30.851

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C. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015
test facility, space chambers, and hypersonic engine test facilities, along with associated infrastructure that supports all test operations.											
Title: Facility sustainment at the 412 TW.									1.329	1.349	1.357
Description: Facility sustainment at the 412 TW.											
FY 2013 Accomplishments: Continued repainting hanger floors with two-part epoxy coatings and restriping floors. Continued boiler and cooling tower chemical treatments. Continued septic tank pumping. Conducted scales maintenance in Building 1030. Completed hanger door maintenance for Building 1030. Continued providing civil engineering in-house and emergency repair work.											
FY 2014 Plans: Continue sustainment of test unique infrastructure in 412 TW Electronic Warfare, Range, and other T&E facilities located at Edwards AFB, CA.											
FY 2015 Plans: Continue sustainment of test unique infrastructure in 412 TW Electronic Warfare, Range, and other T&E facilities located at Edwards AFB, CA.											
Accomplishments/Planned Programs Subtotals									24.986	27.643	32.965
D. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• RDTE: BA06: PE 0604256F: Threat Simulator Development	22.348	14.841	24.418	-	24.418	24.003	20.020	22.436	22.833	Continuing	Continuing
• RDTE: BA06: PE 0604759F: Major T&E Investment	33.968	32.341	47.232	-	47.232	68.755	67.374	68.690	69.998	Continuing	Continuing
• RDTE: BA06: PE 0605807F: Test & Evaluation Support	670.586	722.658	689.509	-	689.509	672.427	680.719	688.020	700.796	Continuing	Continuing
• RDTE: BA06: PE 0605976F: Facility Restoration and Modernization-T&E	38.854	44.160	46.955	-	46.955	40.787	43.319	44.157	44.723	Continuing	Continuing
Remarks											

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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.		