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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 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0605214F I Ground Attack Weapons Fuze Development							
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	-	-	-	5.332	-	5.332	3.622	0.954	-	-	-	9.908
655313: Hard Target Void Sensing Fuze	-	-	-	5.332	-	5.332	3.622	0.954	-	-	-	9.908
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

**Note**

In FY 2015, 655313, Hard Target Void Sensing Fuze, efforts were transferred from PE 0604635F, Ground Attack Weapons Fuze Development, 645312, Hard Target Void Sensing Fuze, in order to properly align the funds in the correct Budget Activity, BA05, which supports Engineering, Manufacturing, and Development (EMD).

**A. Mission Description and Budget Item Justification**

This program was created to include the whole spectrum of general purpose and specialized fuze development, resulting in commodity fuzes for use with air-to-ground weapons.

The Hard Target Void Sensing Fuze (HTVSF) is an advanced system designed to provide fuzing and void sensing functions for legacy penetrator weapons to destroy hardened targets protected by multiple layers of soil and/or reinforced concrete. The HTVSF will also provide in-flight cockpit programmability, safing and arming, multi-function (time delay and void sensing) and multi-delay arming. Program Element funding currently supports the Engineering, Manufacturing, and Development (EMD) effort for HTVSF.

This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full rate production.

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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		-	-	-	-	-	
Current President's Budget		-	-	5.332	-	5.332	
Total Adjustments		-	-	5.332	-	5.332	
• Congressional General Reductions		-	-				
• Congressional Directed Reductions		-	-				
• Congressional Rescissions		-	-				
• Congressional Adds		-	-				
• Congressional Directed Transfers		-	-				
• Reprogrammings		-	-				
• SBIR/STTR Transfer		-	-				
• Other Adjustments		-	-	5.332	-	5.332	
Change Summary Explanation							
In FY 2015, 655313, Hard Target Void Sensing Fuze, efforts were transferred from PE 0604635F, Ground Attack Weapons Fuze Development, 655312, Hard Target Void Sensing Fuze, in order to properly align the funds in the correct Budget Activity, BA05, which supports Engineering, Manufacturing, and Development (EMD).							
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2013	FY 2014	FY 2015
Title: HTVSF Test Support					-	-	5.332
Description: BLU-109/BLU-113 follow-on testing, post-MS C development.							
FY 2013 Accomplishments: Not applicable							
FY 2014 Plans: Not Applicable							
FY 2015 Plans: BLU-109/BLU-113 follow-on testing, post-MS C development.							
Accomplishments/Planned Programs Subtotals					-	-	5.332

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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: BA04: PE 0604635F: Ground Attack Weapons Fuze Development	8.657	17.764	-	-	-	-	-	-	-	-	-
• PAAF: BA01: Line Item # 356120: Fuzes	-	19.280	38.500	-	38.500	39.512	41.616	41.616	-	-	-
Remarks											
- PAAF dollars in War Reserve Materiel (WRM; Fuzes) fund initial procurement of 475/475/1250/1400/1400 units for FY14 - FY18.											
- Navy PE 050120 to fund 50/225/225 units FY14-FY16.											
E. Acquisition Strategy											
EMD Awarded to Alliant TechSystems Operations LLC											
Estimated Contract completion date: 24 May 2014											
Fixed Price Incentive Firm											
Estimated Contract Length - 37 months											
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.											

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity  
3600 / 5

R-1 Program Element (Number/Name)  
PE 0605214F / Ground Attack Weapons  
Fuze Development

Project (Number/Name)  
655313 / Hard Target Void Sensing Fuze



# HTVSF Schedule

*War-Winning Capabilities...On Time, On Cost*

