

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604618F: <i>Joint Direct Attack Munition</i>
--	--

COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	2.500	-	2.500	2.500	0.000	0.000	0.000	Continuing	Continuing
674138: <i>JDAM DEVELOPMENT</i>	-	0.000	0.000	2.500	-	2.500	2.500	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles		0	0	0		0	0	0	0	0		

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Note

In FY 2014, BPAC 674138, JDAM Development includes new start efforts.

A. Mission Description and Budget Item Justification

The 5000 lb JDAM demonstration is an integration of BLU-113 warhead with a JDAM tail kit to provide accurate, reliable, hard target penetration capability. JDAM accuracy expands the drill down CONOPS used by the GBU-31 (2000 pound class warhead) to a 5000 pound concept, holding harder and deeper targets at risk. This is an objective requirement of the 2001 JDAM ORD. The 5000 lb JDAM expands USG capability using JDAM proven performance, identical CONOPS as existing JDAM inventory, and compatibility with aircraft Operational Flight Profile (OFP).

This program is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P) because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	2.500	-	2.500
Total Adjustments	0.000	0.000	2.500	-	2.500
• Congressional General Reductions	-	0.000			
• Congressional Directed Reductions	-	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	-	0.000			
• Congressional Directed Transfers	-	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	2.500	-	2.500

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force		DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>		R-1 ITEM NOMENCLATURE PE 0604618F: <i>Joint Direct Attack Munition</i>	
Change Summary Explanation FY14 is a New Start. \$2.5M will cover 5000 pound JDAM tail-kit development and prototyping efforts.			
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013
Title: Demonstration Development Description: This is an FY14 New Start to design a BLU-113 conversion kit including BLU-113 strake assembly, BLU-113 umbilical cover, and BLU-113 wire harness extension and develop a unique JDAM-113 Operational Flight Profile (OFP) with modified autopilot. FY 2014 Plans: Design a BLU-113 conversion kit including BLU-113 strake assembly, BLU-113 umbilical cover, and BLU-113 wire harness extension and develop a unique JDAM-113 Operational Flight Profile (OFP) with modified autopilot.		0.000	0.000
Accomplishments/Planned Programs Subtotals		0.000	0.000
D. Other Program Funding Summary (\$ in Millions) N/A Remarks E. Acquisition Strategy Effort will be executed under a cost plus fixed fee contract and will be a sole source activity with Boeing. 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.			

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 4: Advanced Component Development & Prototypes (ACD&P)						R-1 ITEM NOMENCLATURE PE 0604618F: Joint Direct Attack Munition				PROJECT 674138: JDAM DEVELOPMENT					
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development and Hardware Fabrication	SS/TBD	Boeing:St. Charles, MO	-	0.000		0.000		2.100	Apr 2014	-		2.100	Continuing	Continuing	
Subtotal			0.000	0.000		0.000		2.100		0.000		2.100			
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Flight Test	Various	96th Test Wing:Eglin AFB, FI	-	0.000		0.000		0.300	Jul 2014	-		0.300	Continuing	Continuing	
Subtotal			0.000	0.000		0.000		0.300		0.000		0.300			
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration (PMA)	Various	AFLMC/EGDJ:Eglin AFB, FI	-	0.000		0.000		0.100		-		0.100	Continuing	Continuing	
Subtotal			0.000	0.000		0.000		0.100		0.000		0.100			
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	0.000		0.000		2.500		0.000		2.500			

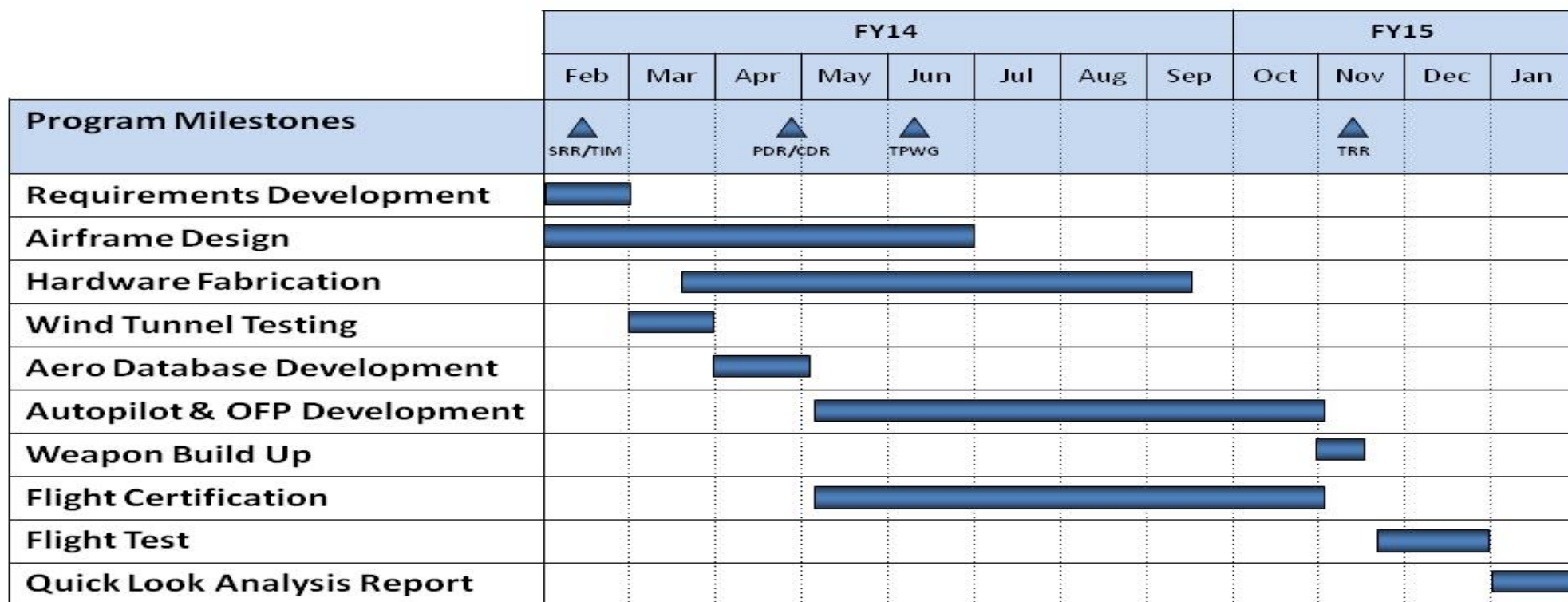
UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force							DATE: April 2013				
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604618F: Joint Direct Attack Munition			PROJECT 674138: JDAM DEVELOPMENT				
	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract		
Remarks											

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force							DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604618F: Joint Direct Attack Munition			PROJECT 674138: JDAM DEVELOPMENT

5K JDAM Demonstration Program Notional Schedule



UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604618F: <i>Joint Direct Attack Munition</i>	PROJECT 674138: <i>JDAM DEVELOPMENT</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Requirements Development	2	2014	2	2014
Airframe Design	2	2014	4	2014
Hardware Fabrication	2	2014	4	2014
Wind Tunnel Testing	2	2014	2	2014
Aero Database Development	3	2014	3	2014
Autopilot & OFP Development	3	2014	1	2015
Weapon Build Up	1	2015	1	2015
Flight Certification	3	2014	1	2015
Flight Test	1	2015	1	2015
Quick Look Analysis Report	2	2015	2	2015