

UNCLASSIFIED

PE NUMBER: 0604015F

PE TITLE: Next Generation Long Range Strike (NGLRS)

Exhibit R-2, RDT&E Budget Item Justification	DATE May 2009
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BUDGET ACTIVITY 04 Advanced Component Development and Prototypes (ACD&P)	PE NUMBER AND TITLE 0604015F Next Generation Long Range Strike (NGLRS)
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Cost (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	7.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
3308 Next Generation Bomber	7.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD

(U) A. Mission Description and Budget Item Justification

This program develops and demonstrates a next generation Long Range Strike capability in support of Air Force Global Strike and Global Persistent Attack Concept of Operations. Program efforts support the Air Force three-phase long range strike strategy. This program will provide capability improvements in the areas of strike responsiveness, persistence, survivability, lethality, connectivity, and affordability. Activities include design tradeoffs and analyses, requirements definition, requirements review, operational and system architecture development, and integrated system development and demonstration. This program is categorized as Budget Activity 4, Advanced Component Development and Prototypes, since advanced technologies will be explored and integrated for demonstration in a realistic operating environment applicable to Long Range Strike.

(U) B. Program Change Summary (\$ in Millions)

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Previous President's Budget	0.000	0.000	0.000
(U) Current PBR/President's Budget	7.000	0.000	0.000
(U) Total Adjustments	7.000	0.000	
(U) Congressional Program Reductions			
Congressional Rescissions			
Congressional Increases			
Reprogrammings	7.000		
SBIR/STTR Transfer			

(U) Significant Program Changes:

FY08 \$7.0M funding received from AF source to initiate Phase 2 of Automated Aerial Refueling, an associated technology demonstration program supporting Long Range Strike. FY11 funding reprogrammed.

Exhibit R-2a, RDT&E Project Justification

DATE
May 2009

BUDGET ACTIVITY 04 Advanced Component Development and Prototypes (ACD&P)					PE NUMBER AND TITLE 0604015F Next Generation Long Range Strike (NGLRS)			PROJECT NUMBER AND TITLE 3308 Next Generation Bomber		
Cost (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost to Complete	Total
3308 Next Generation Bomber	7.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

This program develops and demonstrates a next generation Long Range Strike capability in support of Air Force Global Strike and Global Persistent Attack Concept of Operations. Program efforts support the Air Force three-phase long range strike strategy. This program will provide capability improvements in the areas of strike responsiveness, persistence, survivability, lethality, connectivity, and affordability. Activities include design tradeoffs and analyses, requirements definition, requirements review, operational and system architecture development, and integrated system development and demonstration. This program is categorized as Budget Activity 4, Advanced Component Development and Prototypes, since advanced technologies will be explored and integrated for demonstration in a realistic operating environment applicable to Long Range Strike.

(U) B. Accomplishments/Planned Program (\$ in Millions)

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Technology Maturation & Risk Mitigation	7.000		
(U) Requirements Definition			
(U) Design tradeoffs and analyses			
(U) System Requirements Review			
(U) Preliminary system development and demonstration			
(U) Program Support			
(U) Total Cost	7.000	0.000	0.000

(U) C. Other Program Funding Summary (\$ in Millions)

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) AF RDT&E, PE 0604830F, Automated Air-to-Air Refueling		9.862	43.898	47.454	14.515					
Associated RDT&E funding provided by PE 0604830F, Automated Air-to-Air Refueling, develops, demonstrates and validates the ability to air refuel an aircraft without pilot intervention, in support of Next Generation Long Range Strike development strategies.										

(U) D. Acquisition Strategy

To be determined.

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Exhibit R-3, RDT&E Project Cost Analysis

DATE

May 2009

BUDGET ACTIVITY				PE NUMBER AND TITLE					PROJECT NUMBER AND TITLE			
04 Advanced Component Development and Prototypes (ACD&P)				0604015F Next Generation Long Range Strike (NGLRS)					3308 Next Generation Bomber			
<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior to FY 2008 Cost</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>FY 2010 Cost</u>	<u>FY 2010 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
<u>(U) Long Range Strike</u>												
Concept Exploration and Refinement	Various	Various	90.461	7.000	Nov-08	0.000		0.000			97.461	
Technology Maturation & Risk Reduction	TBD	WPAFB	0.000	0.000		0.000		0.000		Continuing	TBD	
Design Tradeoffs & Analyses	TBD	TBD	0.000	0.000		0.000		0.000		Continuing	TBD	
Requirements Definition	TBD	TBD	0.000	0.000		0.000		0.000		Continuing	TBD	
System Requirements Review	TBD	TBD	0.000	0.000		0.000		0.000			0.000	
System Development and Demonstration	TBD	TBD	0.000	0.000		0.000		0.000		Continuing	TBD	
Program Support	TBD	TBD	0.000	0.000		0.000		0.000		Continuing	TBD	
Subtotal Long Range Strike			90.461	7.000		0.000		0.000		Continuing	TBD	0.000
Remarks:												
<u>(U) Total Cost</u>			90.461	7.000		0.000		0.000		Continuing	TBD	0.000

Exhibit R-4a, RDT&E Schedule Detail	DATE May 2009
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BUDGET ACTIVITY 04 Advanced Component Development and Prototypes (ACD&P)	PE NUMBER AND TITLE 0604015F Next Generation Long Range Strike (NGLRS)	PROJECT NUMBER AND TITLE 3308 Next Generation Bomber
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(U) <u>Schedule Profile</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) AAR Phase II Initiation (continued in FY09-12 in PE 0604830F)	1Q		

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