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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				PE 0401139F: <i>LIGHT MOBILITY AIRCRAFT (LIMA)</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	-	-	1.308	-	1.308	1.324	1.342	1.369	1.394	Continuing	Continuing
675379: <i>Light Mobility Aircraft</i>	-	-	1.308	-	1.308	1.324	1.342	1.369	1.394	Continuing	Continuing

Note

IN FY2012, Project 5379, Light Mobility Aircraft, efforts were transferred from PE 0401315F, Cargo-Short Takeoff and Landing (C-STOL) Aircraft, Project 5379, Light Mobility Aircraft, in order to more readily differentiate Light Mobility Aircraft (LiMA) efforts from C-STOL activities.

A. Mission Description and Budget Item Justification

The Light Mobility Aircraft (LiMA) program will fill an Air Force light mobility gap by acquiring Commercial-Off-The-Shelf (COTS) aircraft, which are also suitable for building partner capacity (BPC) especially in lesser developed partner nations (PN). Suitable aircraft may be single or multi-engine, fixed-wing and capable of operating from austere, unprepared surfaces. This program supports irregular warfare efforts that help prepare partner nations to defend and govern themselves by demonstrating an airlift capability that is consistent with their needs for supporting infrastructure, performance, anticipated methods of employment, acquisition and sustainment costs, and multi-role/multi-mission capability. FY2012 RDT&E funding will be used for efforts and products such as systems engineering strategy and analysis, risk analysis and management, test and evaluation strategy, life cycle cost estimates, sustainment and logistics analysis, and acquisition strategy baseline planning and analysis. It will also be used to conduct Live Fire Testing, if required.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>
Previous President's Budget	-	-	-	-	-
Current President's Budget	-	-	1.308	-	1.308
Total Adjustments	-	-	1.308	-	1.308
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	1.308	-	1.308

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APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0401139F: LIGHT MOBILITY AIRCRAFT (LIMA)	
<u>Change Summary Explanation</u> For FY2012, project 5379, Light Mobility Aircraft (LiMA) transfers in its entirety from PE 0401315F to PE 0401139 with no change of planned content.		

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0401139F: LIGHT MOBILITY AIRCRAFT (LIMA)				PROJECT 675379: Light Mobility Aircraft			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
675379: Light Mobility Aircraft	-	-	1.308	-	1.308	1.324	1.342	1.369	1.394	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
<p>The Light Mobility Aircraft (LiMA) program will fill an Air Force light mobility gap by acquiring Commercial-Off-The-Shelf (COTS) aircraft, which are also suitable for building partner capacity (BPC) especially in lesser developed partner nations (PN). Suitable aircraft may be single or multi-engine, fixed-wing and capable of operating from austere, unprepared surfaces. This program supports irregular warfare efforts that help prepare partner nations to defend and govern themselves by demonstrating an airlift capability that is consistent with their needs for supporting infrastructure, performance, anticipated methods of employment, acquisition and sustainment costs, and multi-role/multi-mission capability. FY2012 RDT&E funding will be used for efforts and products such as systems engineering strategy and analysis, risk analysis and management, test and evaluation strategy, life cycle cost estimates, sustainment and logistics analysis, and acquisition strategy baseline planning and analysis. It will also be used to conduct Live Fire Testing, if required.</p> <p>This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.</p>											
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: Light Mobility Aircraft (LiMA)							-	-	1.308	-	1.308
Description: Conduct LiMA missionization, development and test											
FY 2010 Accomplishments:											
FY 2011 Plans:											
FY 2012 Base Plans:											
Conduct missionization and integration of non-standard components, efforts and products such as systems engineering strategy and analysis, risk analysis and management, test and evaluation strategy, life cycle cost estimates, sustainment and logistics analysis, and acquisition planning baseline strategy and analysis. It will also be used to conduct Live Fire Testing, if required.											
FY 2012 OCO Plans:											
Accomplishments/Planned Programs Subtotals							-	-	1.308	-	1.308

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0401139F: <i>LIGHT MOBILITY AIRCRAFT (LIMA)</i>	PROJECT 675379: <i>Light Mobility Aircraft</i>	

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

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2012</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u>	
			<u>Base</u>	<u>OCO</u>	<u>Total</u>					<u>Complete</u>	<u>Total Cost</u>
• PE 0401315F: <i>Light Mobility Aircraft APAF BA 3</i>	0.000	65.699	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
• PE 0401315F (1): <i>C-STOL Aircraft RDT&E AF BA 7</i>	0.000	1.283	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

A full and open source selection is planned.

E. 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-3, RDT&E Project Cost Analysis: PB 2012 Air Force											DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0401139F: <i>LIGHT MOBILITY AIRCRAFT (LIMA)</i>				PROJECT 675379: <i>Light Mobility Aircraft</i>					

Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Light Mobility Aircraft Missionization	C/TBD	TBD:TBD,	-	-		1.308	Jan 2012	-		1.308	Continuing	Continuing	0.000
Subtotal			-	-		1.308		-		1.308			0.000

Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	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

Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	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

Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	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

			Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	-		1.308		-		1.308			0.000

Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0401139F: <i>LIGHT MOBILITY AIRCRAFT (LIMA)</i>	PROJECT 675379: <i>Light Mobility Aircraft</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0401139F: <i>LIGHT MOBILITY AIRCRAFT (LIMA)</i>	PROJECT 675379: <i>Light Mobility Aircraft</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Missionization/Integration	3	2011	4	2012
Live Fire Testing	1	2012	2	2012