

**UNCLASSIFIED**

<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Air Force	<b>DATE:</b> February 2012
--	----------------------------

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				PE 0401138F: <i>Joint Cargo Aircraft</i>							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	17.849	27.089	-	-	-	-	-	-	-	Continuing	Continuing
655259: <i>C-27J</i>	17.849	27.089	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**Note**

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

The C-27J is a medium-size airlift aircraft that provides flexible and responsive delivery of time sensitive and mission critical (TS/MC) equipment, supplies, and personnel to austere operating locations during contingency operations abroad, and in support of domestic homeland security and disaster response operations.

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.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2011</u></b>	<b><u>FY 2012</u></b>	<b><u>FY 2013 Base</u></b>	<b><u>FY 2013 OCO</u></b>	<b><u>FY 2013 Total</u></b>
Previous President's Budget	26.407	27.089	6.472	-	6.472
Current President's Budget	17.849	27.089	-	-	-
Total Adjustments	-8.558	-	-6.472	-	-6.472
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-7.750	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.673	-			
• Other Adjustments	-0.135	-	-6.472	-	-6.472

**Change Summary Explanation**

Funding in FY11 reflects the C-27J program-specific Congressional rescission contained in the FY12 Defense appropriation.

Funding in FY13 was deleted as a result of the Department's decision to terminate the C-27J program. Due to system requirements, subsequent budget exhibits contain information reflecting C-27J development activities in FY11 and FY12.

**UNCLASSIFIED**

<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Air Force		<b>DATE:</b> February 2012		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>		<b>R-1 ITEM NOMENCLATURE</b> PE 0401138F: <i>Joint Cargo Aircraft</i>		
<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>
<b>Title:</b> Training System Development  <b>Description:</b> Develop, test, and field first-article C-27J aircrew and maintenance training devices.  <b>FY 2011 Accomplishments:</b> Initiate the development of C-27J aircrew and maintenance training devices, including virtual cockpit training devices (VCTs), a loadmaster crew resource management trainer (LMCRMT), and virtual aircraft maintenance training (VAMT) devices.  <b>FY 2012 Plans:</b> Complete the development of, and validate/verify the performance of the VCT, LMCRMT, and VAMT devices.  <b>FY 2013 Plans:</b> N/A		12.249	20.323	-
<b>Title:</b> Test & Evaluation  <b>Description:</b> Conduct follow-on QT&E and OT&E of the C-27J weapon system.  <b>FY 2011 Accomplishments:</b> Conduct QT&E of aircraft mission computer software changes. Conduct follow-on test and evaluation of C-27J deficiency corrections and other product improvements identified during initial QT&E and OT&E.  <b>FY 2012 Plans:</b> Conduct follow-on test and evaluation of C-27J deficiency corrections and other product improvements identified during initial QT&E and OT&E.  <b>FY 2013 Plans:</b> N/A		1.640	0.467	-
<b>Title:</b> Studies, Analysis, & Support  <b>Description:</b> Conduct studies, analysis, and evaluation of C-27J deficiencies and emerging operational capability requirements. Maintain aircraft type and airworthiness certifications. Provide for program office support of RDT&E activities.  <b>FY 2011 Accomplishments:</b> Develop and evaluate solutions for deficiencies identified during initial testing (e.g., pilot heads-up display, mission planning system interface, takeoff and landing data). Investigate and develop recommendations to correct deficiencies identified in operational use. Complete military type certification.  <b>FY 2012 Plans:</b>		3.960	6.299	-

**UNCLASSIFIED**

<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Air Force	<b>DATE:</b> February 2012
--	----------------------------

<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0401138F: <i>Joint Cargo Aircraft</i>
--	--

<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>
Investigate and develop recommendations to correct weapon system deficiencies identified during initial testing and operational use. Investigate requirements and develop recommendations to address Federal Aviation Administration (FAA) mandated communication, navigation, identification and air traffic management requirements. Maintain aircraft airworthiness certifications.  <b><i>FY 2013 Plans:</i></b> N/A			
<b>Accomplishments/Planned Programs Subtotals</b>	17.849	27.089	-

<b>D. Other Program Funding Summary (\$ in Millions)</b>											
<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u> <u>Base</u>	<u>FY 2013</u> <u>OCO</u>	<u>FY 2013</u> <u>Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PE 0401138F, C-27J, APAF: C-27J	349.260	479.896	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	829.156

**E. Acquisition Strategy**

The Department does not intend to further develop these aircraft.

**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-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0401138F: <i>Joint Cargo Aircraft</i>	PROJECT 655259: <i>C-27J</i>

**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Air Force			<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0401138F: <i>Joint Cargo Aircraft</i>	<b>PROJECT</b> 655259: <i>C-27J</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Initial Operational Capability (IOC)	2	2012	2	2012
Follow-on Test & Evaluation (T&E)	3	2011	4	2012
FAA Commercial Aircraft Type Certificate	1	2011	1	2011
Air Force Supplemental Military Type Certificate	1	2011	4	2012
Update FAA Type Certification as Required	1	2011	4	2012