

**RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)**

DATE  
**February 2000**

BUDGET ACTIVITY		PE NUMBER AND TITLE							
<b>07 - Operational System Development</b>		<b>0401119F C-5 Airlift Squadrons</b>							
COST (\$ in Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	37,348	59,122	92,530	135,619	101,942	18,817	0	0	448,565
674495 Avionics Modernization Program	37,348	40,356	44,901	46,508	235	0	0	0	172,535
674835 Reliability Enhancement & Reengining Program	0	18,766	47,629	89,111	101,707	18,817	0	0	276,030
Quantity of RDT&E Articles	2	0	0	2	0	0	0	0	4

**(U) A. Mission Description**

674495: Avionics Modernization Program (AMP): Phase I of an Air Force planned two-phase modernization effort of the C-5. Formerly called the C-5 All-Weather Flight Control System (AWFCS) Reliability Improvement Program, the C-5 Avionics Modernization Program redesigns the avionics system architecture to support the AWFCS Reliability Improvement Program and Global Air Traffic Management (GATM) requirements. AMP also installs Secretary of Defense (SECDEF) directed Navigation Safety equipment: Terrain Awareness and Warning System (TAWS) [formerly Enhanced Ground Proximity Warning System (EGPWS)] and Traffic Alert and Collision Avoidance System (TCAS). The AWFCS portion of AMP replaces low reliability Line Replaceable Units (LRUs) in the automatic flight control system and replaces aging mechanical instruments in the engine and flight systems. Many control systems will be unsupported within five years. A GATM capability, which encompasses communications, navigation, and surveillance requirements, will be concurrently incorporated into the aircraft to meet current and future International Civil Aviation Organization (ICAO)/Federal Aviation Administration (FAA) requirements and to progress towards 'free flight' capability. Connectivity to Mobility command and control capabilities will also be incorporated in the AMP design. The integration of TCAS and TAWS Nav Safety enhancements in AMP satisfies great congressional interest to reduce the threat of mid-air collisions and controlled flight into terrain. The TCAS portion is accelerated to complete ahead of the rest of the AMP mod (by FY02). Two AMP RDT&E test articles are funded in FY99 for flight test and installed in 1Q FY02.

674835: Reliability Enhancement and Reengining Program (RERP): Phase II comprehensive modernization of the C-5 improves aircraft reliability, maintainability and availability. The goal of RERP is to achieve C-5 wartime mission requirements by increasing fleet availability (mission capable rate, departure reliability) while reducing total ownership costs (TOC). This effort centers around replacing TF-39 engines with a more reliable, commercially available (COTS) turbofan engine with increased takeoff thrust and stage three noise compliance. These new engines (along with new pylons, wing attach fittings and upgrades, and thrust reversers) increase payload capability, improve transportation system throughput and decrease engine removals. Numerous other system/reliability 'Bad Actors' will be addressed (e.g. auxiliary power units, electrics, hydraulics, landing gear, fuel system, airframe, fire suppression system, and pressurization/air conditioning system). Two RDT&E test articles are funded in FY02 for flight test and installed in FY04.

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(U) **B. Budget Activity Justification**

674495: Avionics Modernization Program (AMP): This project is comprised of low technical risk efforts supporting fielded weapons systems and, therefore, was assigned to Budget Activity 7, Operational Systems Development.

674835: Reliability Enhancement and Reengining Program (RERP): This project is comprised of low technical risk efforts supporting fielded weapons systems and, therefore, was assigned to Budget Activity 7, Operational Systems Development.

(U) **C. Program Change Summary (\$ in Thousands)**

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>
(U) Previous President's Budget (FY 2000 PBR)	33,594	63,041	56,416	463,999
(U) Appropriated Value	33,736	60,041		
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions	-142	-3		
b. Small Business Innovative Research	-1,066	0		
c. Omnibus or Other Above Threshold Reprogram	3,545	-325		
d. Below Threshold Reprogram	1,484	0		
e. Rescissions	-209	-591		
f. Other	0	0		
(U) Adjustments to Budget Years Since FY 2000 PBR	0	0	36,114	-15,434
(U) Current Budget Submit/FY 2001 PBR	37,348	59,122	92,530	448,565

(U) **Significant Program Changes:**

Since FY00 PB:

- C-5 AMP contract awarded 22 Jan 1999. Cost delta between the negotiated contract price and the AMP procurement funds budgeted in FY01, FY02 and FY03 of the FY00 PB were realigned to RDT&E for AMP and RERP. Other cost differences in AMP procurement funds in the outyears were moved to RERP procurement.
- RERP RDT&E funds in FY04 and FY05 of the FY00 PB were realigned to RERP procurement.

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)								DATE February 2000	
BUDGET ACTIVITY <b>07 - Operational System Development</b>				PE NUMBER AND TITLE <b>0401119F C-5 Airlift Squadrons</b>				PROJECT <b>674495</b>	
COST (\$ in Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
674495 Avionics Modernization Program	37,348	40,356	44,901	46,508	235	0	0	0	172,535
<p>(U) <b><u>A. Mission Description</u></b>            674495: Avionics Modernization Program (AMP): Phase I of an Air Force planned two-phase modernization effort of the C-5. Formerly called the C-5 All-Weather Flight Control System (AWFCS) Reliability Improvement Program, the C-5 Avionics Modernization Program redesigns the avionics system architecture to support the AWFCS Reliability Improvement Program and Global Air Traffic Management (GATM) requirements. AMP also installs Secretary of Defense (SECDEF) directed Navigation Safety equipment: Terrain Awareness and Warning System (TAWS) [formerly Enhanced Ground Proximity Warning System (EGPWS)] and Traffic Alert and Collision Avoidance System (TCAS). The AWFCS portion of AMP replaces low reliability Line Replaceable Units (LRUs) in the automatic flight control system and replaces aging mechanical instruments in the engine and flight systems. Many control systems will be unsupportable within five years. A GATM capability, which encompasses communications, navigation, and surveillance requirements, will be concurrently incorporated into the aircraft to meet current and future International Civil Aviation Organization (ICAO)/Federal Aviation Administration (FAA) requirements and to progress towards 'free flight' capability. Connectivity to Mobility command and control capabilities will also be incorporated in the AMP design. The integration of TCAS and TAWS Nav Safety enhancements in AMP satisfies great congressional interest to reduce the threat of mid-air collisions and controlled flight into terrain. The TCAS portion is accelerated to complete ahead of the rest of the AMP mod (by FY02). Two AMP RDT&amp;E test articles are funded in FY99 for flight test and installed in 1Q FY02.</p>									
<p>(U) <b><u>FY 1999 (\$ in Thousands)</u></b></p> <p>(U) \$10,241 System Engineering / Program Management</p> <p>(U) \$22,804 AMP Kit Design / Development</p> <p>(U) \$2,512 Prototype Fabrication / Install</p> <p>(U) \$1,791 Mission Support</p> <p>(U) \$37,348 Total</p>									
<p>(U) <b><u>FY 2000 (\$ in Thousands)</u></b></p> <p>(U) \$8,300 System Engineering / Program Management</p> <p>(U) \$24,672 AMP Kit Design / Development</p> <p>(U) \$5,200 Prototype Fabrication / Install</p> <p>(U) \$2,184 Mission Support</p> <p>(U) \$40,356 Total</p>									
Project 674495			Page 3 of 12 Pages				Exhibit R-2A (PE 0401119F)		

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<b>RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)</b>		DATE <b>February 2000</b>																																																																																										
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<p>(U) <b><u>A. Mission Description Continued</u></b></p> <p>(U) <u>FY 2001 (\$ in Thousands)</u></p> <p>(U) \$8,200                    System Engineering / Program Management</p> <p>(U) \$24,100                  AMP Kit Design / Development</p> <p>(U) \$10,200                  Prototype Fabrication / Install</p> <p>(U) \$2,401                    Mission Support</p> <p>(U) \$44,901                  Total</p> <p>(U) <b><u>B. Project Change Summary</u></b></p> <p>Since FY00 PB:</p> <p>- C-5 AMP contract awarded 22 Jan 1999. Cost delta between the negotiated contract price and the AMP procurement funds budgeted in FY01, FY02 and FY03 of the FY00 PB were realigned to RDT&amp;E for AMP and RERP. Other cost differences in AMP procurement funds in the outyears were moved to RERP procurement.</p> <p>(U) <b><u>C. Other Program Funding Summary (\$ in Thousands)</u></b></p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="text-align: center;"><u>FY 1999</u></th> <th style="text-align: center;"><u>FY 2000</u></th> <th style="text-align: center;"><u>FY 2001</u></th> <th style="text-align: center;"><u>FY 2002</u></th> <th style="text-align: center;"><u>FY 2003</u></th> <th style="text-align: center;"><u>FY 2004</u></th> <th style="text-align: center;"><u>FY 2005</u></th> <th style="text-align: center;"><u>Cost to</u></th> <th style="text-align: center;"><u>Total Cost</u></th> </tr> <tr> <th></th> <th style="text-align: center;"><u>Actual</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Complete</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>(U) AF RDT&amp;E</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Other APPN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) PE# 0401119F/C-5 Airlift Squadrons</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Aircraft Procurement, AF, BA-5, C-5 Mods, Avionics Modernization Program, BP-11</td> <td style="text-align: right;">10,327</td> <td style="text-align: right;">27,676</td> <td style="text-align: right;">59,578</td> <td style="text-align: right;">114,750</td> <td style="text-align: right;">131,531</td> <td style="text-align: right;">21,854</td> <td style="text-align: right;">2,500</td> <td style="text-align: right;">0</td> <td style="text-align: right;">368,216</td> </tr> <tr> <td>(U) PE# 0401119F/C-5 Airlift Squadrons</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Aircraft Procurement, AF, BA-5, C-5 Mods, Reliability Enhancement and Reengining Program, BP-11</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">17,300</td> <td style="text-align: right;">128,725</td> <td style="text-align: right;">318,519</td> <td style="text-align: right;">486,024</td> <td style="text-align: right;">Continuing</td> <td></td> </tr> <tr> <td>(U) PE# 0305099F/Global Air</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>Cost to</u>	<u>Total Cost</u>		<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>		(U) AF RDT&E										(U) Other APPN										(U) PE# 0401119F/C-5 Airlift Squadrons										(U) Aircraft Procurement, AF, BA-5, C-5 Mods, Avionics Modernization Program, BP-11	10,327	27,676	59,578	114,750	131,531	21,854	2,500	0	368,216	(U) PE# 0401119F/C-5 Airlift Squadrons										(U) Aircraft Procurement, AF, BA-5, C-5 Mods, Reliability Enhancement and Reengining Program, BP-11	0	0	0	17,300	128,725	318,519	486,024	Continuing		(U) PE# 0305099F/Global Air									
	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>Cost to</u>	<u>Total Cost</u>																																																																																			
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BUDGET ACTIVITY <b>07 - Operational System Development</b>	PE NUMBER AND TITLE <b>0401119F C-5 Airlift Squadrons</b>	PROJECT <b>674495</b>
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(U) **C. Other Program Funding Summary (\$ in Thousands)**

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
Traffic Management (GATM)									
(U) RDT&E, AF, BA-7	24,882	6,402	8,508	9,496	7,567	7,720	7,872		TBD

(U) **D. Acquisition Strategy**  
 Avionics Modernization Program: Program acquisition strategy establishes a single integrating contractor (Lockheed-Martin) to modify and qualify integrated Commercial Off-the-Shelf (COTS) line replaceable units (LRU) and software to meet C-5 performance and Global Air Traffic Management (GATM) requirements, update existing C-5 engineering and technical data, develop interface control specifications based on performance requirements, prototype the new system, and support ground and flight testing. AMP contract awarded to the Lockheed-Martin/Honeywell team on 22 January 1999. \$9.7M in FY99 procurement was added in the FY00 PB to accelerate Traffic Alert and Collision Avoidance System (TCAS) installations ahead of the rest of AMP. TCAS installs scheduled to complete in FY02.

(U) **E. Schedule Profile**

	<u>FY 1999</u>				<u>FY 2000</u>				<u>FY 2001</u>			
	1	2	3	4	1	2	3	4	1	2	3	4
(U) Acquisition Strategy Panel (FY97/4)												
(U) Contract Award		*										
(U) Preliminary Design Review (PDR)						X						
(U) Critical Design Review (CDR)							X					
(U) TCAS Kit Installations Start						X						
(U) TCAS Kit Installations End (FY02/4)												
(U) AMP Prototype Installation Start												X
(U) First Flight (FY02/1)												
(U) Developmental Test Start (FY02/1 - FY02/4)												
(U) Production Installation Start (FY02/4)												
(U) Prod Installation Complete (FY06/1)												

\* = completed event  
 X = planned event

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)								DATE February 2000			
BUDGET ACTIVITY 07 - Operational System Development					PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons			PROJECT 674495			
(U) <b><u>A. Project Cost Breakdown (\$ in Thousands)</u></b>											
						<u>FY 1999</u>		<u>FY 2000</u>		<u>FY 2001</u>	
(U)	System Engineering / Program Management					10,241		8,300		8,200	
(U)	AMP Kit Design / Development					22,804		24,672		24,100	
(U)	Prototype Fabrication / Install					2,512		5,200		10,200	
(U)	Mission Support					1,791		2,184		2,401	
(U)	Total					37,348		40,356		44,901	
(U) <b><u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u></b>											
(U) <b><u>Performing Organizations:</u></b>											
	<u>Contractor or Government</u>	<u>Contract Method/Type</u>	<u>Award or Obligation</u>	<u>Performing Activity</u>	<u>Project Office</u>	<u>Total Prior to FY 1999</u>	<u>Budget FY 1999</u>	<u>Budget FY 2000</u>	<u>Budget FY 2001</u>	<u>Budget to Complete</u>	<u>Total Program</u>
	<u>Performing Activity</u>	<u>or Funding Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>						
<u>Product Development Organizations</u>											
	WR-ALC/LA				5,970	1,170	1,200	1,200	1,200	1,200	5,970
	ASC/GRA	C/CPAF	Jan 99		159,954	2,017	36,067	39,156	43,304	39,643	160,187
<u>Support and Management Organizations</u>											
<u>Test and Evaluation Organizations</u>											
	418 Test Squadrn (Edwards AFB)						81		397	5,900	6,378
(U) <b><u>Government Furnished Property:</u></b>											
	<u>Item Description</u>	<u>Contract Method/Type</u>	<u>Award or Obligation</u>	<u>Delivery Date</u>		<u>Total Prior to FY 1999</u>	<u>Budget FY 1999</u>	<u>Budget FY 2000</u>	<u>Budget FY 2001</u>	<u>Budget to Complete</u>	<u>Total Program</u>
	<u>Product Development Property</u>	<u>or Funding Vehicle</u>	<u>Date</u>	<u>Date</u>							
	N/A										
	<u>Support and Management Property</u>										
	N/A										
Project 674495					Page 6 of 12 Pages			Exhibit R-3 (PE 0401119F)			

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**RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)**

DATE  
**February 2000**

<b>BUDGET ACTIVITY</b> <b>07 - Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0401119F C-5 Airlift Squadrons</b>	<b>PROJECT</b> <b>674495</b>
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**(U) Government Furnished Property Continued:**

Test and Evaluation Property

N/A

	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Subtotals</u>	<u>to FY 1999</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Complete</u>	<u>Program</u>
Subtotal Product Development	3,187	37,267	40,356	44,504	40,843	166,157
Subtotal Support and Management						
Subtotal Test and Evaluation		81		397	5,900	6,378
<b>Total Project</b>	<b>3,187</b>	<b>37,348</b>	<b>40,356</b>	<b>44,901</b>	<b>46,743</b>	<b>172,535</b>

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BUDGET ACTIVITY <b>07 - Operational System Development</b>				PE NUMBER AND TITLE <b>0401119F C-5 Airlift Squadrons</b>				PROJECT <b>674835</b>	
COST (\$ in Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
674835 Reliability Enhancement & Reengining Program	0	18,766	47,629	89,111	101,707	18,817	0	0	276,030
<p>(U) <b><u>A. Mission Description</u></b>            674835: Reliability Enhancement and Reengining Program (RERP): Phase II comprehensive modernization of the C-5 improves aircraft reliability, maintainability and availability. The goal of RERP is to achieve C-5 wartime mission requirements by increasing fleet availability (mission capable rate, departure reliability) while reducing total ownership costs (TOC). This effort centers around replacing TF-39 engines with a more reliable, commercially available (COTS) turbofan engine with increased takeoff thrust and stage three noise compliance. These new engines (along with new pylons, wing attach fittings and upgrades, and thrust reversers) increase payload capability, improve transportation system throughput and decrease engine removals. Numerous other system/reliability 'Bad Actors' will be addressed (e.g. auxiliary power units, electrics, hydraulics, landing gear, fuel system, airframe, fire suppression system, and pressurization/air conditioning system). Two RDT&amp;E test articles are funded in FY02 for flight test and installed in FY04.</p> <p>(U) <b><u>FY 1999 (\$ in Thousands)</u></b>            (U) \$0 No Activity            (U) \$0 Total</p> <p>(U) <b><u>FY 2000 (\$ in Thousands)</u></b>            (U) \$7,000 System Engineering / Program Management            (U) \$10,400 RERP Kit Design / Development            (U) \$1,366 Mission Support            (U) \$18,766 Total</p> <p>(U) <b><u>FY 2001 (\$ in Thousands)</u></b>            (U) \$13,380 System Engineering / Program Management            (U) \$23,583 RERP Kit Design / Development            (U) \$7,670 Prototype Fabrication / Install            (U) \$2,996 Mission Support            (U) \$47,629 Total</p>									
Project 674835			Page 8 of 12 Pages				Exhibit R-2A (PE 0401119F)		

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(U) <b><u>B. Project Change Summary</u></b>									
- C-5 AMP contract awarded 22 Jan 1999. Cost delta between the negotiated contract price and the AMP procurement funds budgeted in FY01, FY02 and FY03 of the FY00 PB were realigned to RDT&E for AMP and RERP. Other cost differences in AMP procurement funds in the outyears were moved to RERP procurement.									
- RERP RDT&E funds in FY04 and FY05 of the FY00 PB were realigned to RERP procurement.									
(U) <b><u>C. Other Program Funding Summary (\$ in Thousands)</u></b>									
	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) AF RDT&E									
(U) Other APPN									
(U) PE# 0401119F/C-5 Airlift Squadrons									
(U) Aircraft Procurement, AF, BA-5, C-5 Mods, Reliability Enhancement and Reengining Program, BP-11	0	0	0	17,300	128,725	318,519	486,024	Continuing	
(U) PE# 0401119F/C-5 Airlift Squadrons									
(U) Aircraft Procurement, AF, BA-5, C-5 Mods, Avionics Modernization Program, BP-11	10,327	27,676	59,578	114,750	131,531	21,854	2,500	0	368,216
(U) <b><u>D. Acquisition Strategy</u></b>									
Reliability Enhancement and Reengining Program (RERP): Program acquisition strategy is to consider every opportunity to utilize commercially available components and processes to: modernize C-5 products and processes to meet or exceed required system performance and support, so as to renew the weapon system until 2040. The program acquisition strategy also seeks to construct a government/industry 'partnership' to identify solutions, assign responsibility and execute to achieve AMC requirements. RERP will use fleet availability, ownership cost and system performance to balance solutions against program cost.									
(U) <b><u>E. Schedule Profile</u></b>									
				<u>FY 1999</u>		<u>FY 2000</u>		<u>FY 2001</u>	

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<b>(U) E. Schedule Profile Continued</b>													
		<u>FY 1999</u>					<u>FY 2000</u>				<u>FY 2001</u>		
	1	2	3	4	1		2	3	4	1	2	3	4
(U) Acquisition Strategy Panel (ASP)					*								
(U) Pre-EMD Contract Award							X						
(U) Milestone II / DAB											X		
(U) EMD Contract Award											X		
(U) EMD Start											X		
(U) First Prototype Flight (FY04/2)													
(U) LRIP Kit Installations Begin (FY04/2)													
(U) EMD Complete (FY05/1)													
(U) MS IIIA (FY05/2 - B Model Prod Decision)													
(U) MS IIIB (FY08/1 - A Model Prod Decision)													
* = completed event													
X = planned event													

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)								DATE February 2000		
BUDGET ACTIVITY 07 - Operational System Development					PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons			PROJECT 674835		
(U) <b><u>A. Project Cost Breakdown (\$ in Thousands)</u></b>										
						<u>FY 1999</u>		<u>FY 2000</u>		<u>FY 2001</u>
(U)	System Engineering / Program Management					0		7,000		13,380
(U)	RERP Kit Design / Development					0		10,400		23,583
(U)	Prototype Fabrication / Install					0		0		7,670
(U)	Mission Support					0		1,366		2,996
(U)	Total					0		18,766		47,629
(U) <b><u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u></b>										
(U) <b><u>Performing Organizations:</u></b>										
	<u>Contractor or</u>	<u>Contract</u>								
	<u>Government</u>	<u>Method/Type</u>	<u>Award or</u>	<u>Performing</u>	<u>Project</u>					
	<u>Performing</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Activity</u>	<u>Office</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
	<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 1999</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Complete</u>
	<u>Product Development Organizations</u>									
	WR-ALC									
	ASC/GRA (Pre-EMD)	FFP	Feb 2000	TBD	TBD	0	0	18,766	0	0
	ASC/GRA (EMD)	CPAF	Nov 2000	TBD	TBD	0	0	0	47,629	209,635
	<u>Support and Management Organizations</u>									
	<u>Test and Evaluation Organizations</u>									
	418 Test Squadrn (Edwards AFB) AFFTC									
(U) <b><u>Government Furnished Property:</u></b>										
		<u>Contract</u>								
		<u>Method/Type</u>	<u>Award or</u>							
	<u>Item</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Delivery</u>		<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
	<u>Description</u>	<u>Vehicle</u>	<u>Date</u>	<u>Date</u>		<u>to FY 1999</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Complete</u>
	<u>Product Development Property</u>									
	N/A									

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<b>RDT&amp;E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)</b>	DATE <b>February 2000</b>
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BUDGET ACTIVITY <b>07 - Operational System Development</b>	PE NUMBER AND TITLE <b>0401119F C-5 Airlift Squadrons</b>	PROJECT <b>674835</b>
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(U) Government Furnished Property Continued:  
Support and Management Property  
 N/A  
Test and Evaluation Property  
 N/A

	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Subtotals</u>	<u>to FY 1999</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Complete</u>	<u>Program</u>
Subtotal Product Development	0	0	18,766	47,629	209,635	276,030
Subtotal Support and Management						
Subtotal Test and Evaluation						
<b>Total Project</b>	<b>0</b>	<b>0</b>	<b>18,766</b>	<b>47,629</b>	<b>209,635</b>	<b>276,030</b>