

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

DATE

February 1999

BUDGET ACTIVITY

7 - Operational System Development

PE NUMBER AND TITLE

0401119F C-5 Airlift Squadrons

COST (\$ In Thousands)	FY 1998 Actual	FY 1999 Estimate	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	3,069	33,594	63,041	56,416	53,395	102,610	107,389	44,014	0	463,999
4495 Avionics Modernization Program	3,069	33,594	44,172	30,084	7,295	0	0	0	0	118,685
4835 Reliability Enhancement & Reengining Program	0	0	18,869	26,332	46,100	102,610	107,389	44,014	0	345,314
Quantity of RDT&E Articles	0	2	0	0	2	0	0	0	0	4

(U) A. Mission Description

4495: Avionics Modernization Program (AMP): 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). The AWFCS replaces low reliability Line Replaceable Units (LRUs) in the automatic flight control system and replaces aging mechanical instruments in the engine and flight systems. Current trends indicate some 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 progress towards "free flight" capability. Integration of Terrain Awareness and Warning System (TAWS--formerly Enhanced Ground Proximity Warning System [EGPWS]) Nav Safety enhancement is also part of the C-5 AMP. Two RDT&E test articles are funded in FY99 for flight test and installed in FY01.

4835: Reliability Enhancement and Reengining Program (RERP): Comprehensive modernization of the C-5 improves aircraft reliability, maintainability and availability. This effort centers around replacing TF-39 engines with a more reliable, commercially available (COTS) turbofan engine with increased takeoff thrust, reduced fuel consumption 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. Program also includes a commercial-type "letter check" (phased inspection) maintenance practice and upgrades numerous other systems including: APUs (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.

(U) B. Budget Activity Justification

4495: 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.

4835: 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.

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)					DATE February 1999
BUDGET ACTIVITY 7 - Operational System Development			PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons		
(U) C. <u>Program Change Summary (\$ in Thousands)</u>					
	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>
(U) Previous President's Budget (FY1999 PB)	9,160	47,940	0	0	57,100
(U) Appropriated Value	9,751	33,736			
(U) Adjustments to Appropriated Value					
a. Congressional/General Reductions	-362	-142			
b. SBIR	-231				
c. Omnibus or Other Above Threshold Reprogram	-5,062				
d. Below Threshold Reprogramming	-1,027				
(U) Adjustments to Budget Years Since FY 1999 PB			63,041	56,416	cont
(U) Current Budget Submit/FY2000 President's Budget	3,069	33,594	63,041	56,416	cont
 (U) Significant Program Changes:					
Since FY99 PB:					
- C-5 AMP installation schedule accelerated to complete by CY05 vice CY08					
- Appropriation conference reduced AMP project \$14.204M in FY99 RDT&E					
- Traffic Alert and Collision Avoidance System (TCAS) to complete ahead of the rest of C-5 AMP mod					
- Terrain Awareness and Warning System (TAWS—formerly Enhanced Ground Proximity Warning System [EGPWS]) integrated into C-5 AMP; increased RDT&E requirement and combined modification funding lines					
- C-5 RERP RDT&E funding added					
FY99: \$1.066M identified as a source for SBIR					

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)								DATE February 1999		
BUDGET ACTIVITY 7 - Operational System Development					PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons				PROJECT 4495	
<i>COST (\$ In Thousands)</i>	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
4495 Avionics Modernization Program	3,069	33,594	44,172	30,084	7,295	0	0	0	0	118,685
<p>(U) A. <u>Mission Description</u> <u>4495: Avionics Modernization Program (AMP):</u> 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). The AWFCS replaces low reliability Line Replaceable Units (LRUs) in the automatic flight control system and replaces aging mechanical instruments in the engine and flight systems. Current trends indicate some 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 progress towards "free flight" capability. Integration of Terrain Awareness and Warning System (TAWS--formerly Enhanced Ground Proximity Warning System [EGPWS]) Nav Safety enhancement is also part of the C-5 AMP. Two RDT&E test articles are funded in FY99 for flight test.</p> <p>(U) <u>FY 1998 (\$ in Thousands):</u></p> <ul style="list-style-type: none"> - (U) 822 System Engineering / Program Management - (U) 1,476 AMP Kit Design / Development - (U) 771 Mission Support - (U) \$3,069 Total <p>(U) <u>FY 1999 (\$ in Thousands):</u></p> <ul style="list-style-type: none"> - (U) 9,018 System Engineering / Program Management - (U) 20,804 AMP Kit Design / Development - (U) 1,812 Prototype Fabrication / Install - (U) 894 Mission Support - (U) 1,066 Identified as a source for SBIR - (U) \$33,594 Total 										
Project 4495			<i>Page 3 of 13 Pages</i>				Exhibit R-2A (PE 0401119F)			

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)					DATE February 1999																																																												
BUDGET ACTIVITY 7 - Operational System Development			PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons		PROJECT 4495																																																												
<p>(U) <u>FY 2000 (\$ in Thousands):</u></p> <ul style="list-style-type: none"> - (U) 8,300 System Engineering / Program Management - (U) 26,500 AMP Kit Design / Development - (U) 5,200 Prototype Fabrication / Install - (U) 4,172 Mission Support - (U) \$44,172 Total <p>(U) <u>FY 2001 (\$ in Thousands):</u></p> <ul style="list-style-type: none"> - (U) 3,300 System Engineering / Program Management - (U) 13,900 AMP Kit Design / Development - (U) 10,200 Prototype Fabrication / Install - (U) 2,684 Mission Support - (U) \$30,084 Total <p>(U) <u>B. Project Change Summary - Description of Significant Changes:</u></p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="text-align: right;"><u>FY 1998</u></th> <th style="text-align: right;"><u>FY 1999</u></th> <th style="text-align: right;"><u>FY 2000</u></th> <th style="text-align: right;"><u>FY 2001</u></th> <th style="text-align: right;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget (FY1999 PB)</td> <td style="text-align: right;">9,160</td> <td style="text-align: right;">47,940</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">57,100</td> </tr> <tr> <td>(U) Appropriated Value</td> <td style="text-align: right;">9,751</td> <td style="text-align: right;">33,736</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> a. Congressional/General Reductions</td> <td style="text-align: right;">-362</td> <td style="text-align: right;">-142</td> <td></td> <td></td> <td></td> </tr> <tr> <td> b. SBIR</td> <td style="text-align: right;">-231</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> c. Omnibus or Other Above Threshold Reprogram</td> <td style="text-align: right;">-5,062</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> d. Below Threshold Reprogramming</td> <td style="text-align: right;">-1,027</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY1999 PB</td> <td></td> <td></td> <td style="text-align: right;">44,172</td> <td style="text-align: right;">30,084</td> <td style="text-align: right;">cont</td> </tr> <tr> <td>(U) Current Budget Submit/FY2000 President's Budget</td> <td style="text-align: right;">3,069</td> <td style="text-align: right;">33,594</td> <td style="text-align: right;">44,172</td> <td style="text-align: right;">30,084</td> <td style="text-align: right;">cont</td> </tr> </tbody> </table> <p>(U) Significant Program Changes:</p> <p style="margin-left: 20px;">Since FY99 PB:</p> <ul style="list-style-type: none"> - C-5 AMP installation schedule accelerated to complete by CY05 vice CY08 - Appropriation conference reduced AMP project by \$14,204 in FY99 RDT&E - Traffic Alert and Collision Avoidance System (TCAS) to complete ahead of the rest of C-5 AMP mod - Terrain Awareness and Warning System (TAWS—formerly Enhanced Ground Proximity Warning System [EGPWS]) integrated into C-5 AMP; increased RDT&E requirement and combined modification funding lines 							<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>	(U) Previous President's Budget (FY1999 PB)	9,160	47,940	0	0	57,100	(U) Appropriated Value	9,751	33,736				(U) Adjustments to Appropriated Value						a. Congressional/General Reductions	-362	-142				b. SBIR	-231					c. Omnibus or Other Above Threshold Reprogram	-5,062					d. Below Threshold Reprogramming	-1,027					(U) Adjustments to Budget Years Since FY1999 PB			44,172	30,084	cont	(U) Current Budget Submit/FY2000 President's Budget	3,069	33,594	44,172	30,084	cont
	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>																																																												
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(U) Adjustments to Budget Years Since FY1999 PB			44,172	30,084	cont																																																												
(U) Current Budget Submit/FY2000 President's Budget	3,069	33,594	44,172	30,084	cont																																																												
Project 4495		Page 4 of 13 Pages		Exhibit R-2A (PE 0401119F)																																																													

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)								DATE February 1999		
BUDGET ACTIVITY 7 - Operational System Development					PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons			PROJECT 4495		
<p>FY99 Program: \$1,066 identified as a source for SBIR</p>										
<p>(U) C. <u>Other Program Funding Summary (\$ in Thousands)</u></p>										
	<u>FY 1998</u>	<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>To Compl</u>	<u>Total Cost</u>
(U) PE# 0401119F/C-5 Squadrons Aircraft Procurement, AF, BA-5, C-5 Mods, Avionics Modernization Program, BP-11	0	8,380	23,711	135,394	218,547	225,200	163,364	2,485	0	777,081
(U) PE# 0401119F/C-5 Squadrons Aircraft Procurement, AF, BA-5, C-5 Mods, Reliability Enhancement and Reengining Program, BP-11	0	0	0	0	17,300	18,500	104,000	465,600	cont.	cont.
(U) <u>PE# 0305099F/Global Air Traffic Management (GATM)</u> RDT&E, AF, BA-7	864	26,521	6,517	8,584	9,576	7,634	7,795	7,957	TBD	TBD
<p>(U) D. <u>Acquisition Strategy:</u> <u>Avionics Modernization Program:</u> Program acquisition strategy establishes a single integrating contractor to: modify and qualify individual 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.</p>										
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BUDGET ACTIVITY 7 - Operational System Development						PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons						PROJECT 4495				
(U) E. <u>Schedule Profile</u>																
		<u>FY 1998</u>				<u>FY 1999</u>				<u>FY 2000</u>				<u>FY 2001</u>		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
(U) Acquisition Strategy Panel (FY97/4)																
(U) Draft RFP	*															
(U) Final RFP			*													
(U) Contract Award						X										
(U) Prototype Installation Start														X		
(U) First Flight (FY02/1)																
(U) Developmental Test Start (FY02/1 - FY03/1)																
(U) Production Installation Start (FY03/1)																
(U) IOC (FY03/1)																
(U) Prod Installation Complete (FY05/2)																
* = completed event																
X = planned event																
Project 4495				Page 6 of 13 Pages				Exhibit R-2A (PE 0401119F)								

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)						DATE February 1999						
BUDGET ACTIVITY						PE NUMBER AND TITLE						PROJECT
7 - Operational System Development						0401119F C-5 Airlift Squadrons						4495
(U) A. <u>Project Cost Breakdown (\$ in Thousands)</u>												
					<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>				
(U) Identified as a source for SBIR					0	1,066	0	0				
(U) System Engineering / Program Management					822	9,018	8,300	3,300				
(U) AMP Kit Design / Development					1,476	20,804	26,500	13,900				
(U) Prototype Fabrication / Install					0	1,812	5,200	10,200				
(U) Mission Support					771	894	4,172	2,684				
(U) Total					3,069	33,594	44,172	30,084				
(U) B. <u>Budget Acquisition History and Planning Information (\$ in Thousands)</u>												
Performing Organizations:												
Contractor or Government	Contract Method/Type	Award or Obligation	Performing Activity	Project Office	Total	Budget	Budget	Budget	Budget	Budget to Complete	Total Program	
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>FY 1998</u>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>			
Identified as a source for SBIR							1,066					
1,066												
<u>Product Development Organizations</u>												
SA-ALC/LA			TBD	TBD	471	751	662	458	466	474	3,282	
ASC/GRA	C/CPAF	Jan 99	TBD	TBD		2,318	31,866	43,714	29,221	921	108,040	
<u>Support and Management Organizations:</u>												
<u>Test and Evaluation Organizations:</u>												
418 Test Squadrn (Edwards AFB)	AFFTC								397	5,900	6,297	

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)	DATE February 1999
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BUDGET ACTIVITY 7 - Operational System Development	PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons	PROJECT 4495
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(U) B. Budget Acquisition History and Planning Information Continued (\$ in Thousands)

Government Furnished Property: None

<u>Item Description</u>	<u>Contract Method/Type or Funding Vehicle</u>	<u>Award or Obligation Date</u>	<u>Delivery Date</u>	<u>Total Prior to FY 1998</u>	<u>Budget FY 1998</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>
Identified as a source for SBIR						1,066				1,066
Subtotal Product Development				471	3,069	32,528	44,172	29,687	1,395	111,322
Subtotal Support and Management										
Subtotal Test and Evaluation								397	5,900	6,297
Total Project				471	3,069	33,594	44,172	30,084	7,295	118,685

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)								DATE February 1999		
BUDGET ACTIVITY 7 - Operational System Development				PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons				PROJECT 4835		
<i>COST (\$ In Thousands)</i>	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
4835 Reliability Enhancement & Reengining Program	0	0	18,869	26,332	46,100	102,610	107,389	44,014	0	345,314
<p>(U) A. <u>Mission Description</u> 4835: Reliability Enhancement and Reengining Program (RERP): Comprehensive modernization of the C-5 improves aircraft reliability, maintainability and availability. This effort centers around replacing TF-39 engines with a more reliable, commercially available (COTS) turbofan engine with increased takeoff thrust, reduced fuel consumption 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. Program also includes a commercial-type "letter check" (phased inspection) practice and upgrades numerous other systems including: APUs (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 FY03.</p> <p>(U) <u>FY 1998 (\$ in Thousands):</u> - (U) \$0 Total</p> <p>(U) <u>FY 1999 (\$ in Thousands):</u> - (U) \$0 Total</p> <p>(U) <u>FY 2000 (\$ in Thousands):</u> - (U) \$7,000 System Engineering / Program Management - (U) \$10,400 RERP Kit Design / Development - (U) \$1,469 Mission Support - (U) \$18,869 Total</p> <p>(U) <u>FY 2001 (\$ in Thousands):</u> - (U) \$8,000 System Engineering / Program Management - (U) \$12,600 RERP Kit Design / Development - (U) \$3,700 Prototype Fabrication / Install - (U) \$2,032 Mission Support - (U) \$26,332 Total</p>										
Project 4835			Page 9 of 13 Pages				Exhibit R-2A (PE 0401119F)			

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)							DATE February 1999				
BUDGET ACTIVITY 7 - Operational System Development				PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons			PROJECT 4835				
(U) B. <u>Project Change Summary - Description of Significant Changes:</u>											
		<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total</u>					
		0	0	0	0	<u>Cost</u>					
(U) Previous President's Budget		0	0	0	0	0					
(U) Appropriated Value											
(U) Adjustments to Appropriated Value											
a. Cong Reductions											
b. SBIR											
c. Omnibus or Other Above Threshold Reprogram											
d. Below Threshold Reprogramming											
(U) Adjustments to Budget Years Since FY 1999 PB				18,869	26,332	cont					
(U) Current Budget Submit/President's Budget		0	0	18,869	26,332	cont					
(U) Significant Program Changes:											
- C-5 RERP RDT&E funding added											
(U) C. <u>Other Program Funding Summary (\$ in Thousands)</u>											
		<u>FY 1998</u>	<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>To</u>	<u>Total</u>
										<u>Compl</u>	<u>Cost</u>
(U) PE# 0401119F/C-5 Squadrons											
Aircraft Procurement, AF, BA-5, C-5 Mods,	0	0	0	0	17,300	18,500	104,000	465,600		cont.	cont.
Reliability Enhancement and Reengining											
Program, BP-11											
(U) PE# 0401119F/C-5 Squadrons											
Aircraft Procurement, AF, BA-5, C-5 Mods,	0	8,380	23,711	135,394	218,547	225,200	163,364	2,485		0	777,081
Avionics Modernization Program, BP-11											

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BUDGET ACTIVITY 7 - Operational System Development	PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons	PROJECT 4835
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(U) **D. Acquisition Strategy:** TBD

(U) **E. Schedule Profile**

	<u>FY 1998</u>				<u>FY 1999</u>				<u>FY 2000</u>				<u>FY 2001</u>			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
(U) AOA Results Brief to JROC							X									
(U) ORD Brief to JRB/JROC (TBD)																
(U) RFI (TBD)																
(U) Draft RFP (TBD)																
(U) Final RFP (TBD)																
(U) Contract Award (TBD)																

X Denotes planned milestone

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 1999				
BUDGET ACTIVITY 7 - Operational System Development				PE NUMBER AND TITLE 0401119F C-5 Airlift Squadrons				PROJECT 4835			
(U) A. <u>Project Cost Breakdown (\$ in Thousands)</u>											
				<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>				
(U)	System Engineering / Program Management			0	0	7,000	8,000				
(U)	RERP Kit Design / Development			0	0	10,400	12,600				
(U)	Prototype Fabrication / Install			0	0	0	3,700				
(U)	Mission Support			0	0	1,469	2,032				
(U)	Total			0	0	18,869	26,332				
(U) B. <u>Budget Acquisition History and Planning Information (\$ in Thousands)</u>											
Performing Organizations: TBD											
<u>Contractor or Government Performing Activity</u>	<u>Contract Method/Type or Funding Vehicle</u>	<u>Award or Obligation Date</u>	<u>Performing Activity EAC</u>	<u>Project Office EAC</u>	<u>Total Prior to FY 1998</u>	<u>Budget FY 1998</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 Organizations</u>											
TBD	TBD	TBD	TBD	TBD	0	0	0	18,869	26,332	300,113	345,314
<u>Support and Management Organizations</u>											
TBD								TBD	TBD	TBD	TBD
<u>Test and Evaluation Organizations</u>											
TBD								TBD	TBD	TBD	TBD
Project 4835											
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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)								DATE		
BUDGET ACTIVITY								February 1999		
7 - Operational System Development				PE NUMBER AND TITLE				PROJECT		
				0401119F C-5 Airlift Squadrons				4835		
(U) B. <u>Budget Acquisition History and Planning Information Continued (\$ in Thousands)</u>										
Government Furnished Property: None										
<u>Item Description</u>	<u>Contract Method/Type or Funding Vehicle</u>	<u>Award or Obligation Date</u>	<u>Delivery Date</u>	<u>Total Prior to FY 1998</u>	<u>Budget FY 1998</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>										
N/A										
<u>Support and Management Property</u>										
N/A										
<u>Test and Evaluation Property</u>										
N/A										
Subtotal Product Development				0	0	0	18,869	26,332	300,113	345,314
Subtotal Support and Management							TBD	TBD	TBD	TBD
Subtotal Test and Evaluation							TBD	TBD	TBD	TBD
Total Project							18,869	26,332	300,113	345,314

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