

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE June 2001	
BUDGET ACTIVITY 05 - Engineering and Manufacturing Development					PE NUMBER AND TITLE 0604201F Integrated Avionics Planning and Development				PROJECT 2257	
COST (\$ in Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
2257 Standard Avionics & JSRC Initiatives	675	0	0	0	0	0	0	0	0	18,931
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0
FY 2001: PE 0604201F was zeroed out due to Appropriations Conference action.										
(U) <u>A. Mission Description</u> This project identifies, demonstrates and/or develops candidate architecture standards and open system modular components for the Air Force and other services. Maintains/updates the common avionics database as a widely used avionics interoperability/standardization planning tool. Supports international avionics initiatives and standardization activities such as Global Air Traffic Management (GATM) Integrated Product Team. Develops an opportunity matrix for tactical and airlift programs to identify opportunities to leverage investments for aging avionics, parts obsolescence and avionics modernization. Common Avionics Modernization Planning is a pre-EMD project that explores candidate avionics systems and designs for potential developmental efforts and aircraft interoperability initiatives. The Joint Service Review Committee (JSRC) coordinates avionics standardization projects between the Air Force, Army and Navy.										
(U) <u>FY 2000 (\$ in Thousands)</u> (U) \$100 Continue Avionics Planning Baseline (U) \$85 Continue Logistics/Initiative Planning and Support (U) \$239 High-Speed Open Architecture--BUS Protocol (U) \$251 Continue Program management Support (U) \$675 Total										
(U) <u>FY 2001 (\$ in Thousands)</u> (U) \$0 No Activity (U) \$0 Total FY2001: PE 0604201F was zeroed out due to Appropriations Conference action.										
(U) <u>FY 2002 (\$ in Thousands)</u> (U) \$0 No Activity (U) \$0 Total										
Project 2257 Page 1 of 5 Pages Exhibit R-2 (PE 0604201F)										

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<p>(U) <u>B. Budget Activity Justification</u> This is budget activity - EMD, Research Category 6.4 because of the development nature of the effort.</p> <p>(U) <u>C. Program Change Summary (\$ in Thousands)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 10%; text-align: center;"><u>FY 2000</u></th> <th style="width: 10%; text-align: center;"><u>FY 2001</u></th> <th style="width: 10%; text-align: center;"><u>FY 2002</u></th> <th style="width: 20%; text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget (FY 2001 PBR)</td> <td style="text-align: center;">712</td> <td style="text-align: center;">712</td> <td></td> <td style="text-align: center;">19,680</td> </tr> <tr> <td>(U) Appropriated Value</td> <td style="text-align: center;">723</td> <td style="text-align: center;">0</td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> a. 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Rescissions</td> <td style="text-align: center;">-3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 2001 PBR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Current Budget Submit/FY 2002 PBR</td> <td style="text-align: center;">675</td> <td style="text-align: center;">0</td> <td></td> <td style="text-align: center;">18,931</td> </tr> </tbody> </table> <p>(U) <u>Significant Program Changes:</u> FY 2001: PE 0604201F was zeroed out due to Appropriations Conference action</p> <p>(U) <u>D. Other Program Funding Summary (\$ in Thousands)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%; text-align: center;"><u>FY 2000</u></th> <th style="width: 10%; text-align: center;"><u>FY 2001</u></th> <th style="width: 10%; text-align: center;"><u>FY 2002</u></th> <th style="width: 10%; text-align: center;"><u>FY 2003</u></th> <th style="width: 10%; text-align: center;"><u>FY 2004</u></th> <th style="width: 10%; text-align: center;"><u>FY 2005</u></th> <th style="width: 10%; text-align: center;"><u>FY 2006</u></th> <th style="width: 10%; text-align: center;"><u>FY 2007</u></th> <th style="width: 10%; text-align: center;"><u>Cost to</u></th> <th style="width: 10%; 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>Estimate</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Estimate</u></th> <th style="text-align: center;"><u>Estimate</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) Not Applicable</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>(U) <u>E. Acquisition Strategy</u> These projects are in acquisition development and are accomplished through various prime contractors. The contracts are level of effort and are awarded competitively and follow the most recent DoD acquisition guidelines using the integrated product development philosophy.</p> <p>(U) <u>F. Schedule Profile</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 10%; text-align: center;"><u>FY 2000</u></th> <th style="width: 10%; text-align: center;"><u>FY 2001</u></th> <th style="width: 30%; text-align: center;"><u>FY 2002</u></th> </tr> </thead> <tbody> <tr> <td> </td> <td></td> <td></td> <td></td> </tr> </tbody> </table>									<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Total Cost</u>	(U) Previous President's Budget (FY 2001 PBR)	712	712		19,680	(U) Appropriated Value	723	0			(U) Adjustments to Appropriated Value					a. Congressional/General Reductions	-6				b. 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DATE

June 2001

BUDGET ACTIVITY

05 - Engineering and Manufacturing Development

PE NUMBER AND TITLE

0604201F Integrated Avionics Planning and
Development

PROJECT

2257

(U) F. Schedule Profile Continued

	<u>FY 2000</u>					<u>FY 2001</u>					<u>FY 2002</u>			
	1	2	3	4	1	2	3	4	1	2	3	4		
(U) Avionics Planning Baseline	*	*	*	*										
(U) Logistics/Initiative Planning	*	*	*	*										
(U) High-Speed Open Architecture--BUS Protocol	*	*	*	*										
(U) * = Completed event														
(U) X = Planned event														

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE June 2001																																																																																																																												
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(U) <u>Government Furnished Property Continued:</u>								
	<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 2000</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Complete</u>
<u>Product Development Property</u>								
Not Applicable								
<u>Support and Management Property</u>								
Not Applicable								
<u>Test and Evaluation Property</u>								
Not Applicable								
				<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
<u>Subtotals</u>				<u>to FY 2000</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Complete</u>
Subtotal Product Development				14,361	424			0
Subtotal Support and Management				3,895	251			0
Subtotal Test and Evaluation								
Total Project				18,256	675			0
								18,931

Project 2257

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Exhibit R-3 (PE 0604201F)

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