	RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE February 2003		
											PROJECT 4103	
	COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost	
103	CV-22	145,648	11,201	65,703	16,482	27,602	9,615	7,135	7,526	0	ТВ	
	Quantity of RDT&E Articles	2	0	0	0	0	0	0	0	0		
	dispensers, a RF warning receiver and jamme. This RDT&E funding is required to continue certification of CV-22-required Global Air No. Capstone Requirements Document. The fund	the developme	nt of two Pr em/Global A	roduction R	epresentativ Managemen	ve Test Veh	icles (PRTV	/) and the doponents for	lesign, integ	gration, testi		
	1 1		unca to mic	grate the N	avy and Air	Force main	ntenance inf	ormation s	ystems used	on the V-22		
U)	FY 2002 (\$ in Thousands)		aned to mic	grate the N	avy and Air	Force main	ntenance inf	formation sy	ystems used	l on the V-22		
U)	•	ned Program			·						2.	
U) U) U)	FY 2002 (\$ in Thousands) \$0 Accomplishment/Plant \$770 Engineering, Develope access for the CV-22 \$3,784 Engineering and design	ned Program nent and Non-l	Recurring E	Ingineering	and System Avoidance	Integration System (TO	of GANS/0	GATM equ			2.	
U) U) U)	FY 2002 (\$ in Thousands) \$0 Accomplishment/Plant \$770 Engineering, Developer access for the CV-22 \$3,784 Engineering and design \$141,094 Develop and fabricate	ned Program nent and Non-l	Recurring E	Ingineering	and System Avoidance	Integration System (TO	of GANS/0	GATM equ			2.	
U) U) U)	FY 2002 (\$ in Thousands) \$0 Accomplishment/Plant \$770 Engineering, Develope access for the CV-22 \$3,784 Engineering and design	ned Program nent and Non-l	Recurring E	Ingineering	and System Avoidance	Integration System (TO	of GANS/0	GATM equ			2.	
U) U) U) U) U) U) U) U)	FY 2002 (\$ in Thousands) \$0 Accomplishment/Plant \$770 Engineering, Developer access for the CV-22 \$3,784 Engineering and design \$141,094 Develop and fabricate \$145,648 Total FY 2003 (\$ in Thousands)	ned Program nent and Non-l n efforts to inte two CV-22 Pr	Recurring E	Ingineering	and System Avoidance	Integration System (TO	of GANS/0	GATM equ			2.	
U)	FY 2002 (\$ in Thousands) \$0 Accomplishment/Plant \$770 Engineering, Develope access for the CV-22 \$3,784 Engineering and design \$141,094 Develop and fabricate \$145,648 Total	ned Program nent and Non-l n efforts to inte two CV-22 Pr	Recurring E egrate Traffi oduction Re	Ingineering to Collision epresentativ	and System Avoidance e Test Vehi	Integration System (TO	of GANS/0	GATM equ			2.	

Exhibit R-2 (PE 0401318F)

(U) \$11,201

Project 4103

Total

	RDT&E BUDGET ITEM JUSTIFICATI	DATE Febru	ary 2003		
	GET ACTIVITY	PE NUMBER AND TITLE			PROJECT
05 -	System Development and Demonstration (SDD)	0401318F CV-22			4103
(U)	A. Mission Description Continued				
(U) (U) (U) (U) (U) (U)	FY 2004 (\$ in Thousands) \$0 Accomplishment/Planned Program \$21,503 Continuation of TCAS development and GANS/ \$3,200 Navy/Air Force maintenance information system \$41,000 Complete development of two Production Repres	integration			
(U)	B. Budget Activity Justification This program is in Budget Activity 5, Engineering and Manufacturing I the Special Operations Forces.	Development. The CV-22 Program	is developing the f	ïrst operational tilt-roto	r aircraft for use by
(U)	C. Program Change Summary (\$ in Thousands)				
		FY 2002	FY 2003	FY 2004	Total Cost
(U)	Previous President's Budget	10,008	11,449	15,926	TBD
(U)	Appropriated Value	190,008	11,449		
(U)	Adjustments to Appropriated Value				
	a. Congressional/General Reductions	-1,359	-121		
	b. Small Business Innovative Research	-5,396			
	c. Omnibus or Other Above Threshold Reprogram	-37,200	-127		
	d. Below Threshold Reprogram				
	e. Rescissions	-405			
(U)	Adjustments to Budget Years Since FY 2003 PBR	0	0	49,777	
(U)	Current Budget Submit/FY 2004 PBR	145,648	11,201	65,703	TBD
(U)	Significant Program Changes: Congress added \$180M in FY02 to develop two Production Representation make the PRTV funding profile more executable by mapping funds availand ACE. In FY04 \$41.0M will be returned to the program to complete development.	nilability to the PRTV schedule. An	other \$7.2M in FY	02 funds were rescinde	d to support SBI
Р	roject 4103	Page 2 of 5 Pages		Exhibit R-2	(PE 0401318F)

	RDT&E BU	JDGET IT	TEM JUS	STIFICA	TION SI	HEET (R	-2 Exhib	oit)	D	ATE Februar y	2003
	ET ACTIVITY System Development	t and Dem	onstratio	n (SDD)		NUMBER AND 101318F					PROJECT 4103
U)	D. Other Program Funding	Summary (\$ FY 2002	in Thousand FY 2003	<u>ls)</u> FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cost to	Total Co
		Actual	Estimate	Estimate	Estimate Estimate	<u>Estimate</u>	Estimate	<u>Estimate</u>	<u>Estimate</u>	Complete	Total Co
	AF RDT&E Other APPN										
Ú)	3010 BP10/11/16/AP, PE 0401318F	0	100,908	240,144	345,162	299,277	290,236	521,491	527,979	2,243,844	4,569,04
,	E. Acquisition Strategy All development activities for basis. Subsequent to the FY03			-			•		_	• '	on a sole sour
J)	F. Schedule Profile					TT 2002		T	000	T77.7	2004
						FY 2002 2 3	4 1	<u>FY 2</u> 2	3 4	1 2	2004 3 4
	Production Represtentative Te				:	*			-		
,	Award GANS/GATM NRE at Award TCAS contract (UCA)	•	egration cont	ract		*					
Ú)	TCAS PDR									X	
	* = completed milestone X = planned milestone										
	GANS/GATM and TCAS are configuration. Additional GAl							CAS will be	incorporated i	nto the CV-22 Blo	ock 10

Project 4103

Exhibit R-2 (PE 0401318F)

	RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)									DATE February 2003		
=	SET ACTIVITY System Developmen	t and Demo	nstration	(SDD)		ER AND TITLE			•	•	PROJECT 4103	
(U)	A. Project Cost Breakdown	(\$ in Thousand	ds)				EX.	2002	EV 200	12	EV 2004	
(U)	Commercial vendor engineer	ina						<u>2002</u> ,554	<u>FY 200</u> 11,20	_	FY 2004 24,703	
(U)	Commercial vendor aircraft d	-					141,			0	41,000	
(U)	Total	ievelopilient					141,		11,20		65,703	
(U)	B. Budget Acquisition Histo	ry and Plannin	g Informatio	n (\$ in Thousan	<u>ds</u>)							
(U)	Performing Organizations:											
	Contractor or	Contract										
	Government	Method/Type	Award or	Performing	Project							
	Performing	or Funding	Obligation	<u>Activity</u>	Office	Total Prior	Budget	Budget	Budget	Budget to	<u>Total</u>	
	Activity	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	to FY 2002	FY 2002	FY 2003	FY 2004	Complete	<u>Program</u>	
	Product Development Organiz	zations										
	Build two production	C,CPIF	2QFY02		182,094		141,094		41,000		182,094	
	representative test vehicles -											
	Bell Boeing											
	TCAS development and	C,CPAF	3QFY02		77,000		3,784	8,201	21,503		33,488	
	integration - Bell Boeing											
	GANS/GATM development	C,CPAF	2QFY03		770		770				770	
	-Bell Boeing											
	Navy/Air Force maintenance	TBD	2QFY03		7,900			3,000	3,200		6,200	
	information system											
	integration											
	Block 20 development and	TBD	TBD							Continuing	TBD	
	integration											
	Support and Management Org											
	Testing technical & logistics	C,CPFF	TBD							Continuing	TBD	
	support - Bell Boeing											
	Management of testing OGC	PO	TBD							Continuing	TBD	
Р	roject 4103			Pag	ge 4 of 5 Pag	ges			Exhib	it R-3 (PE (0401318F)	

RDT&E PROGRAM ELEMENT/PROJECT	DATE February 2003					
BUDGET ACTIVITY 05 - System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0401318F CV-22				P	ROJECT 103
(U) Performing Organizations Continued: Test and Evaluation Organizations Air Force Operational Test & PO Evaluation Ctr. Subtotals Subtotal Product Development Subtotal Support and Management Subtotal Test and Evaluation Total Project	Total Prior to FY 2002	Budget FY 2002 145,648	Budget FY 2003 11,201 11,201	Budget FY 2004 65,703	Continuing Budget to Complete TBD TBD TBD TBD	TBD Total Program TBD TBD TBD TBD
Project 4103	Page 5 of 5 Pages			Exhib	it R-3 (PE 04	01318F)