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FY 2003 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET

DATE: February 2002

BUDGET ACTIVITY: 3

PROGRAM ELEMENT: 0603217N

PROGRAM ELEMENT TITLE: Air Systems and Weapons Advanced Technology

(U) COST: (Dollars in Thousands)

PROJECT

NUMBER & TITLE	FY 2001 ACTUAL	FY 2002 ESTIMATE
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R0446 Advanced Avionics Subsystems	2,943	*
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R0447 Weapons Advanced Technology	27,278	*
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W2014 Integrated High Performance Turbine Engine Technology (IHPTET)	5,849	*
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R2455 Vectoring Extremely Short Take-off and Landing (ESTOL) Control Reduced Tail Operation Research (VECTOR)	5,438	0
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R2487 DP-2 Thrust Vectoring System Proof of concept demonstration	4,666	0
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R2820 IHPTET Integrated High Performance Turbine Engine Technology	966	0
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R2821 Integrated Hypersonic Aeromechanics Tool Engine Technology	2,417	0
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R2822 Eye safe LADAR	4,842	0
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R2823 Precision Strike Navigator	4,355	0
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R2824 SAR All Weather Precision Targeting	3,867	0
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TOTAL	62,621	
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*This Program Element (PE) was restructured in FY 2002. FY2001 efforts are described in PE 0602114N, 0603114N, 0603123N, and 0603236N.

R-1 Line Item 25

Budget Item Justification
(Exhibit R-2, page 1 of 2)

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FY 2001 Congressional Plus-ups appropriated in this PE are described under the following restructured PE.

<u>TITLE</u>	<u>PE Number</u>	<u>FY 2001</u>
DP-2 Thrust Vectoring System	0603114N	\$4,339
Eye Safe LADAR	0603114N	\$4,842
IHPTET (Integrated High Performance Turbine Engine Technology)	0603114N	\$966
Integrated Hypersonic Aeromechanics Tool Technology	0603114N	\$2,417
Precision Strike Navigator	0603114N	\$4,355
SAR All Weather Precision Targeting	0603114N	\$3,867

R-1 Line Item 25

Budget Item Justification
(Exhibit R-2, page 2 of 2)

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