NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

FISCAL YEAR 2001 BUDGET ESTIMATES

AERO-SPACE TECHNOLOGY BUDGET STRUCTURE CHANGE

NASA has combined the Aeronautical Research & Technology and the Advanced Space Transportation Technology budget line items into one Aero-Space Technology budget account. The Congressional budget direction to NASA in House Report 106-145 was to "develop a plan for the integration of research, development, and experimental demonstration activities in the aeronautics transportation technology and space transportation technology areas…[which should] include appropriate strategies for using aeronautics centers in integration efforts." Aero-Space Technology will cover the programmatic work described in the two budget line items in the Science, Aeronautics and Technology Fiscal Year 2000 estimates for the Office of Aero-Space Technology. This restructuring has better aligned the required technology development efforts with core competencies and brought the expertise that is resident in the Aeronautical Research Centers to bear on the technological challenges associated with safe, efficient and affordable space transportation. As a result of this integration, it was possible to develop a technology development program that better utilized our resources, eliminated overlaps, and allowed dual use between aeronautical and space users to be included as part of the planning process.

The following three tables are a crosswalk from the current structure to the proposed structure for FY 1999, FY 2000, and FY 2001:

FY 1999 Budget Crosswalk
(Thousands of Dollars)

	FY 1999 OPLAN 12/23/99	Aero-Space Base Program	Aero-Space Focused Program	Commercial Technology Programs
Aero-Space Technology Summary	1,338,900	488,441	710,107	140,352
Aero-Space Technology Program	768,949			
Aeronautics R&T Base	424,141	424,141		
High-Performance Computing and Communications	20,600		20,600	
Aviation System Capacity	53,888		53,888	
High Speed Research	180,700		180,700	
Advanced Subsonic Technology	89,620		89,620	
Aeronautics Focused Programs	344,808			
Future Space Launch Studies	30,000	30,000		
Pathfinder Technology Demonstrations	36,000		36,000	
Bantam	16,500		16,500	
X-33 Advanced Technology Demonstrator	277,299		277,299	
X-34 Technology Demonstration	35,500		35,500	
Advanced Space Transportation Technology	34,300	34,300		
Advanced Space Transportation	429,599			
Commercial Technology Programs	140,352			140,352

FY 2000 Budget Crosswalk
(Thousands of Dollars)

	FY 2000 OPLAN 12/23/99	Aero-Space Base Program	Aero-Space Focused Program	Commercial Technology Programs
Aero-Space Technology Summary	1,124,854	581,620	403,229	140,005
Research and technology base	581,620	581,620		
High-Performance Computing and Communications	24,200		24,200	
Aviation System Capacity	62,929		62,929	
Aviation Safety	64,394		64,394	
Ultra Efficient Engine Technology	68,306		68,306	
Pathfinder Technology Demonstrations	31,300		31,300	
X-33 Advanced Technology Demonstrator	111,600		111,600	
X-34 Technology Demonstration	40,500		40,500	
Focused programs	403,229			
Commercial Technology Programs	140,005			140,005

FY 2001 Budget Crosswalk
(Thousands of Dollars)

	FY 2001 PRES BUDGET	Aero-Space Base Program	Aero-Space Focused Program	Aero-Space Technology Investments	Commercial Technology Programs
Aero-Space Technology Summary	1,193,000	539,400	507,400	11,200	135,000
Research and technology base	539,400	539,400			
High-Performance Computing and Communications	24,200		24,200		
Aviation System Capacity	59,200		59,200		
Aviation Safety	70,000		70,000		
Small Air Transport System	9,000		9,000		
Quiet Aircraft Technology Program	20,000		20,000		
Ultra Efficient Engine Technology	35,000		35,000		
2nd Generation RLV Focused	235,000		235,000		
Pathfinder Technology Demonstrations	37,100		37,100		
X-34 Technology Demonstration	17,900		17,900		
Focused programs	507,400				
Education Program	2,000			2,000	
Minority University Research and Education Program	9,200			9,200	
Commercial Technology Programs	135,000				135,000