NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Federal Funds

General and special funds:

HUMAN SPACE FLIGHT

For necessary expenses, not otherwise provided for, in the conduct and support of human space flight research and development activities, including research, development, operations, services; maintenance; construction of facilities including repair, rehabilitation, and modification of real and personal property, and acquisition or condemnation of real property, as authorized by law; space flight, spacecraft control and communications activities including operations, production, and services; and purchase, lease, charter, maintenance and operation of mission and administrative aircraft, \$5,362,900,000 to remain available until September 30, 1998.

Note.—A regular 1996 appropriation for this account had not been enacted at the time this budget was prepared. The 1996 amounts included in this budget are based on the levels provided in three continuing resolutions: P.L. 104–91, P.L. 104–92 and P.L. 104–99.

Program and Financing (in millions of dollars)

Identific	ation code 80-0111-0-1-252	1995 actual	1996 est.	1997 est.
0	bligations by program activity: Direct program:			
00.01	Space station	1,693	1,967	1,805
00.02	US/Russian cooperative program	124	149	138
00.03	Payload and utilization operations	312	307	274
00.04	Space shuttle	3,110	3,037	3,151
00.91	Subtotal, direct program	5,239	5,460	5,368
01.01	Reimbursable program	81	97	108
10.00	Total obligations	5,320	5,557	5,476
	udgetary resources available for obligation:			
21.40	Unobligated balance available, start of year:		070	070
22.00	Uninvested balance	5,596	276 5,554	273 5,471
22.00	New budget authority (gross)		3,334	J,4/1
23.90	Total budgetary resources available for obligation	5,596	5,830	5,744
23.95	New obligations	-5,320	-5,557	-5,476
24.40	Unobligated balance available, end of year:			
	Uninvested balance	276	273	268
N	ew budget authority (gross), detail: Current:			
40.00	Appropriation	5.574	5.457	5.363
40.35	Appropriation rescinded	-59		
43.00	Appropriation (total)Permanent:	5,515	5,457	5,363
	Spending authority from offsetting collections:			
68.00	Offsetting collections (cash)	25	97	108
68.10	Change in orders on hand from Federal sources	56		
68.90	Spending authority from offsetting collections	81	97	100
	(total)			108
70.00	Total new budget authority (gross)	5,596	5,554	5,471
C	hange in unpaid obligations:			
	Unpaid obligations, start of year:			
72.40	Obligated balance: Appropriation		1,711	2,101
72.95	Orders on hand from Federal sources		56	56
72.99	Total unpaid obligations, start of year		1,767	2,157
73.10	New obligations	5,320	5,557	5,476
73.20	Total outlays (gross)	-3,553	-5,167	-5,493
74.40	Unpaid obligations, end of year:		0.101	0.004
74.40	Obligated balance: Appropriation	1,711	2,101	2,084
74.95	Orders on hand from Federal sources	56	56	56
74.99	Total unpaid obligations, end of year	1,767	2,157	2,140
0	utlays (gross), detail:			
86.90	Outlays from new current authority	3,528	3,502	3,431

86.93 86.97 86.98 87.00	Outlays from current balances	25	1,568 97 5,167	1,954 108 5,493
88.00	ffsets: Against gross budget authority and outlays: Offsetting collections (cash) from: Federal sources Non-Federal sources	-22	-81	-79
88.40		-3	-16	-29
88.90 88.95	Total, offsetting collections (cash)	-25 -56	-97	-108
89.00	et budget authority and outlays: Budget authority Outlays	5,515	5,457	5,363
90.00		3,528	5,070	5,385

The appropriation provides for human space flight activities, including development of the Space Station, and operation of the Space Shuttle. This includes support of planned cooperative activities with Russia, upgrades to the performance and safety of the Space Shuttle and required construction projects in direct support of Space Station and Space Shuttle programs.

Performance Objectives

Space Station.—The Space Station will be an international laboratory in low Earth orbit on which American, Russian, Canadian, European, and Japanese astronauts will conduct unique scientific and technological investigations in a microgravity environment. During 1993, the program underwent a major redesign activity to lower program costs. In 1994. the program began making the necessary management and design changes to integrate the augmented capabilities made possible by the addition of Russia to the International Partners. In 1995, the program completed transition to a new program structure, and began flight hardware fabrication. Activities are well underway to support crew training, payload processing, and hardware element processing requirements. Hardware fabrication activities will continue in 1996. Final fabrication of flight hardware will be the focus of the program. First element launch is scheduled for late 1997.

U.S./Russian Cooperative Program.—The United States and Russia are planning to undertake a program of joint space missions involving the Space Shuttle and Russian Mir Space Station. In 1995, a U.S. astronaut spent several months on the Mir Space Station, and the first rendezvous and docking mission between the Space Shuttle and Mir took place. In 1996, three Shuttle flights to Mir are planned. Flight hardware to conduct experiments will be carried on these flights. These flights will provide valuable opportunities to gain experience in working with our Russian partners, which will be crucial to the success of building and operating the international Space Station. These flights will continue in FY 1997, with three additional flights planned, completing phase I of this cooperative precurser to Space Station.

Payload and Utilization Operations.—These funds will support the mission planning and hardware preparation activities required to support the payload and experiment infrastructure, including the spacelab which is planned to be flown on the Space Shuttle. The Engineering and Technical Base provides basic engineering and technical capabilities to support the NASA mission assigned to the programs carried out by the human space flight centers. The program will support

HUMAN SPACE FLIGHT-Continued

seven missions planned in 1997, including the Microgravity Sciences Laboratory (MSL-1) spacelab mission, three missions to the MIR and the Hubble Telescope maintenance mission. In addition, 13 Hitchhiker and several GAS payloads will be supported. In FY 1997, over 23 major and secondary payloads will be launched. The Spacelab program is scheduled to be terminated in 1998.

Space Shuttle.—The Space Shuttle is a reusable space vehicle which provides several unique capabilities to the United States space program. These include launching spacecraft and retrieving payloads from orbit for reuse, servicing and repairing satellites in space, safely transporting humans to and from space, and operating and returning space laboratories. In 1995, six Shuttle missions were accomplished, including the first docking mission between the Space Shuttle and the Russian Mir Space Station. In 1996, eight Shuttle missions are planned. Activities supporting consolidation of Shuttle contracts into one Space Flight Operations contract will be completed in FY 1996. This will result in significant reductions in the cost of operating the Space Shuttle through FY 2000 and beyond, with no impact on safety, performance or schedule.

In 1997, seven shuttle flights are planned. Continued emphasis will be placed on enhancements to the safety and performance of the Space Shuttle.

Object Classification (in millions of dollars)

Identific	cation code 80-0111-0-1-252	1995 actual	1996 est.	1997 est.
	Direct obligations:			
22.0	Transportation of things	4	4	4
23.3	Communications, utilities, and miscellaneous			
	charges	38	40	39
24.0	Printing and reproduction	3	3	3
25.1	Advisory and assistance services	1,378	1,436	1,412
25.2	Other services	1,221	1,273	1,251
25.3	Purchases of goods and services from Government			
	accounts	39	41	40
25.4	Operation and maintenance of facilities	8	8	8
25.5	Research and development contracts	2,301	2,397	2,358
25.7	Operation and maintenance of equipment	86	90	88
26.0	Supplies and materials	87	91	89
31.0	Equipment	28	29	29
32.0	Land and structures	44	46	45
41.0	Grants, subsidies, and contributions	2	2	2
99.0	Subtotal, direct obligations	5.239	5.460	5,368
99.0	Reimbursable obligations	81	97	108
99.9	Total obligations	5,320	5,557	5,476

Science, Aeronautics and Technology

$\hbox{\hbox{$\left[$(INCLUDING RESCISSION OF FUNDS)\right]$}}$

For necessary expenses, not otherwise provided for, in the conduct and support of science, aeronautics and technology research and development activities, including research, development, operations, services; maintenance; construction of facilities including repair, rehabilitation, and modification of real and personal property, and acquisition or condemnation of real property, as authorized by law; space flight, spacecraft control and communications activities including operations, production, and services; and purchase, lease, charter, maintenance and operation of mission and administrative aircraft, \$5,862,100,000, to remain available until September 30, 1998. Chapter VII of Public Law 104–6 is amended under the heading, "National Aeronautics and Space Administration," by replacing "1997" with "1998" and "1996" with "1997."

Note.—A regular 1996 appropriation for this account had not been enacted at the time this budget was prepared. The 1996 amounts included in this budget are based on the levels provided in three continuing resolutions: P.L. 104–91, P.L. 104–92 and P.L. 104–99.

Program and Financing (in millions of dollars)

Displacement Disp		Program and Financing (in million	ons of dollar	s)	
Direct program:	Identific	ation code 80-0110-0-1-999	1995 actual	1996 est.	1997 est.
1,990 2,094 1,090 2,094 1,090 2,094 1,090 2,014 1,090 2,014 1,090 1,39	0				
100.02 Life and microgravity science	00 01		1 590	2 094	1,864
Mission to planet Earth 1.059 1.390 1.300 1.300.004 Aeronautical research and technology 866 873 873 875			,	,	499
Space access and technology					1,369
00.00 Launch services					886
Mission communication services					723
00.08 Academic Programs 78 121					423
Subtotal, direct program 389 580 580 580 10.00 Total obligations 5,672 6,784 6,					97
10.00 Total obligations	00.00	Academic Flograms			
10.00 Total obligations 5,672 6,784 6,			5,283	6,204	5,861
Budgetary resources available for obligation: 21.40 Unobligated balance available, start of year: Uninvested balance	01.01	Reimbursable program	389	580	586
Unionligated balance available, start of year:	10.00	Total obligations	5,672	6,784	6,447
Unionbligated balance available, start of year:	В	udgetary resources available for obligation:			
22.00 New budget authority (gross) 6,323 6,426 6		Unobligated balance available, start of year:			
23.90 Total budgetary resources available for obligation 6.323 7,077 6.					293
23.95 New obligations -5.672 -6.784 -6.	22.00	New budget authority (gross)	6,323	6,426	6,448
23.95 New obligations -5.672 -6.784 -6.	23 90	Total hudgetary resources available for obligation	6.323	7 077	6.741
New budget authority (gross), detail:					-6,447
New budget authority (gross), detail: Current:	24.40	Unobligated balance available, end of year:	•	,	•
Current:		Uninvested balance	651	293	294
40.00 Appropriation	N				
40.35 Appropriation rescinded -52	<u>40 00</u>		5 036	5 2/16	5,862
42.00 Transferred from other accounts 50					3,002
50.00 Reappropriation deferred — 50.35 Reappropriation deferred — 53.00 Reappropriation (total) — Permanent: Spending authority from offsetting collections: 117 580 68.00 Offsetting collections (cash) 117 580 68.90 Spending authority from offsetting collections (total) 389 580 70.00 Total new budget authority (gross) 6,323 6,426 6, Change in unpaid obligations: Unpaid obligations, start of year: Unpaid obligations, start of year: 2,576 3, 72.40 Obligated balance: Appropriation 2,576 3, 72.95 Orders on hand from Federal sources 272 272 72.99 Total unpaid obligations, start of year 2,848 3, 73.10 New obligations 5,672 6,784 6, 73.20 Total outlays (gross) -2,824 -5,993 -6, 10paid obligations, end of year 2,848 3,637 3, 74.99 Total un					
50.00 Reappropriation deferred — 50.35 Reappropriation deferred — 53.00 Reappropriation (total) — Permanent: Spending authority from offsetting collections: 117 580 68.00 Offsetting collections (cash) 117 580 68.90 Spending authority from offsetting collections (total) 389 580 70.00 Total new budget authority (gross) 6,323 6,426 6, Change in unpaid obligations: Unpaid obligations, start of year: Unpaid obligations, start of year: 2,576 3, 72.40 Obligated balance: Appropriation 2,576 3, 72.95 Orders on hand from Federal sources 272 272 72.99 Total unpaid obligations, start of year 2,848 3, 73.10 New obligations 5,672 6,784 6, 73.20 Total outlays (gross) -2,824 -5,993 -6, 10paid obligations, end of year 2,848 3,637 3, 74.99 Total un					
50.35 Reappropriation deferred — 53.00 Reappropriation (total) — 68.00 Offsetting collections (cash) 117 580 68.10 Change in orders on hand from Federal sources 272 — 68.90 Spending authority from offsetting collections (total) 389 580 70.00 Total new budget authority (gross) 6,323 6,426 6, Change in unpaid obligations: Unpaid obligations, start of year: — 2,576 3, 72.90 Total unpaid obligations, start of year: — 2,284 3, 73.10 New obligations 5,672 6,784 6, 73.20 Total outlays (gross) —2,824 —5,993 —6 73.20 Total outlays (gross) —2,824 —5,993 —6 73.20 Total outlays (gross) —2,824 —3,993 —6 74.40 Obligated balance: Appropriation 2,576 3,367 3,367 3,367 74.95 Orders on hand from Federal sources —272<				.,	5,862
Sample S					365
Permanent:	50.35	keappropriation deterred			-365
Spending authority from offsetting collections: 68.00 Offsetting collections (cash) 117 580 68.10 Change in orders on hand from Federal sources 272	53.00	Reappropriation (total)			
68.00 Offsetting collections (cash) 117 580 68.10 Change in orders on hand from Federal sources 272					
68.10 Change in orders on hand from Federal sources 272 68.90 Spending authority from offsetting collections (total) 389 580 70.00 Total new budget authority (gross) 6,323 6,426 6, Change in unpaid obligations. Unpaid obligations, start of year: 72.40 Obligated balance: Appropriation 2,576 3, 72.95 Orders on hand from Federal sources 272 72.99 Total unpaid obligations, start of year 2,848 3, 73.10 New obligations 5,672 6,784 6, 73.20 Total outlays (gross) -2,824 -5,993 -6, Unpaid obligations, end of year: 4.40 Obligated balance: Appropriation 2,576 3,367 3, 74.95 Orders on hand from Federal sources 272 272 74.99 Total unpaid obligations, end of year 2,848 3,639 3, 86.90 Outlays from new current authority 2,695 2,689 2, 86.93 Outlays from enew current authority	CO 00		117	Γ00	F0/
68.90 Spending authority from offsetting collections (total)					586
(total) 389 580 70.00 Total new budget authority (gross) 6,323 6,426 6, Change in unpaid obligations. Unpaid obligations, start of year: 2,576 3, 72.90 Obligated balance: Appropriation 2,576 3, 72.99 Total unpaid obligations, start of year 2,848 3, 73.10 New obligations 5,672 6,784 6, 73.20 Total outlays (gross) -2,824 -5,993 -6, 32.0 Total outlays (gross) -2,824 -5,993 -6, 4.40 Obligated balance: Appropriation 2,576 3,367 3, 74.95 Orders on hand from Federal sources 272 272 74.99 Total unpaid obligations, end of year 2,848 3,639 3, Outlays (gross), detail: 86.90 Outlays from new current authority 2,695 2,689 2,889 2,724 2,869 2,824 5,993 6, Offsets: Against gross budget auth	00.10	onange in oracis on hand from reactar sources			
Total new budget authority (gross) 6,323 6,426 6,	68.90	Spending authority from offsetting collections			
Change in unpaid obligations: Unpaid obligations, start of year: 72.40 Obligated balance: Appropriation 2,576 3,72.95 72.95 Orders on hand from Federal sources 272 72.99 Total unpaid obligations, start of year 2,848 3,73.10 73.20 Total outlays (gross) -2,824 -5,993 -6,74 Unpaid obligations, end of year: -2,824 -5,993 -6,74 74.40 Obligated balance: Appropriation 2,576 3,367 3,74.95 0rders on hand from Federal sources 272 272 272 74.99 Total unpaid obligations, end of year 2,848 3,639 3,367 3,268 3,272 2,722 2,722 2,722 2,722 2,828 3,639 3,363 3,363 3,363 3,363		(total)	389	580	586
Unpaid obligations, start of year: 72.40 Obligated balance: Appropriation 2,576 3,72.95 Orders on hand from Federal sources 272 72.99 Total unpaid obligations, start of year 2,848 3,73.10 New obligations 5,672 6,784 6,73.20 Total outlays (gross) -2,824 -5,993 -6, Unpaid obligations, end of year: 74.40 Obligated balance: Appropriation 2,576 3,367 3,74.95 Orders on hand from Federal sources 272 272 272 74.99 Total unpaid obligations, end of year 2,848 3,639 3,	70.00	Total new budget authority (gross)	6,323	6,426	6,448
Unpaid obligations, start of year: 72.40 Obligated balance: Appropriation 2,576 3,72.95 Orders on hand from Federal sources 272 72.99 Total unpaid obligations, start of year 2,848 3,73.10 New obligations 5,672 6,784 6,73.20 Total outlays (gross) -2,824 -5,993 -6, Unpaid obligations, end of year: 74.40 Obligated balance: Appropriation 2,576 3,367 3,74.95 Orders on hand from Federal sources 272 272 272 74.99 Total unpaid obligations, end of year 2,848 3,639 3,74.99 Outlays (gross), detail: 86.90 Outlays (gross), detail: 86.90 Outlays from new current authority 2,695 2,689 2,699 2,699 2,724		hange in unnaid obligations.			
72.40 Obligated balance: Appropriation 2,576 3,72.95 0rders on hand from Federal sources 272 72.99 Total unpaid obligations, start of year 2,848 3,73.10 New obligations 5,672 6,784 6,73.20 6,784 6,73.20 70.72	·				
Total unpaid obligations, start of year	72.40	Obligated balance: Appropriation		2,576	3,367
73.10 New obligations 5,672 6,784 6,7320 Total outlays (gross) -2,824 -5,993 -6,824 -5,993 -6,933 -6,933 -6,933 -6,933 -6,933 -6,933 -6,933 -7,933 -6,933 -7,933 <td>72.95</td> <td>Orders on hand from Federal sources</td> <td></td> <td>272</td> <td>272</td>	72.95	Orders on hand from Federal sources		272	272
73.10 New obligations 5,672 6,784 6,7320 Total outlays (gross) -2,824 -5,993 -6,824 -5,993 -6,933 -6,933 -6,933 -6,933 -6,933 -6,933 -6,933 -7,933 -6,933 -7,933 <td>70.00</td> <td>Total conside ablications start of con-</td> <td></td> <td>0.040</td> <td>2.000</td>	70.00	Total conside ablications start of con-		0.040	2.000
73.20 Total outlays (gross) -2,824 -5,993 -6, Unpaid obligations, end of year: 74.40 Obligated balance: Appropriation 2,576 3,367 3, 367 74.95 Orders on hand from Federal sources 272 272 74.99 Total unpaid obligations, end of year 2,848 3,639 3, 367 0utlays (gross), detail: 2,695 2,689 2, 2, 22 86.90 Outlays from new current authority 2,695 2,689 2, 2, 22 86.97 Outlays from new permanent authority 129 580 86.98 Outlays from permanent balances 2,824 5,993 6, 3 87.00 Total outlays (gross) 2,824 5,993 6, 3 0ffsets:		Now obligations			3,639 6,447
Unpaid obligations, end of year: 74.40 Obligated balance: Appropriation 2,576 3,367 3,74.95 Orders on hand from Federal sources 272					-6,218
74.40 Obligated balance: Appropriation 2,576 3,367 3,74.95 0rders on hand from Federal sources 272 <td< td=""><td>70.20</td><td></td><td>2,02 .</td><td>0,000</td><td>0,210</td></td<>	70.20		2,02 .	0,000	0,210
Outlays (gross), detail: 2,695 2,689 2,724 2,848 3,639 3,689 2,685 2,689 2,269 2,689 2,272 2,724 2,282 2,829 2,820 3,800 6,830 3,801 6,932 3,802 6,932 7,9	74.40		2,576	3,367	3,596
Outlays (gross), detail: 86.90 Outlays from new current authority 2,695 2,689 2,724 2,86.93 0utlays from current balances 2,724 2,86.97 0utlays from new permanent authority 129 580 86.98 Outlays from permanent balances 87.00 2,824 5,993 6,993 Offsets: Against gross budget authority and outlays: Offsetting collections (cash) from: 88.00 Federal sources -113 -558 - 88.40 Non-Federal sources -4 -22 88.90 Total, offsetting collections (cash) -117 -580 - 88.95 Change in orders on hand from Federal sources -272 -272	74.95	Orders on hand from Federal sources	272	272	272
86.90 Outlays from new current authority 2,695 2,689 2,8693 2,724 2,8697 2,724 2,8697 2,724 2,8697 2,724 2,8697 2,000 2,824 5,900 2,824 5,993 6,86 2,824 5,993 6,993 9,993 <td>74.99</td> <td>Total unpaid obligations, end of year</td> <td>2,848</td> <td>3,639</td> <td>3,868</td>	74.99	Total unpaid obligations, end of year	2,848	3,639	3,868
86.90 Outlays from new current authority 2,695 2,689 2,86.93 86.93 Outlays from current balances 2,724 2,86.97 86.98 Outlays from permanent balances 129 580 87.00 Total outlays (gross) 2,824 5,993 6,9 Offsets:		utlaus (gross) datail.			
86.93 Outla's from current balances 2,724 2 86.97 Outlays from new permanent authority 129 580 86.98 Outlays from permanent balances			2,695	2,689	2,748
86.98 Outlays from permanent balances 2,824 5,993 6, Offsets:	86.93	Outlays from current balances			2,884
87.00 Total outlays (gross) 2,824 5,993 6, Offsets:				580	586
Offsets:	86.98	Outlays from permanent balances			
Against gross budget authority and outlays: Offsetting collections (cash) from: 88.00 Federal sources	87.00	Total outlays (gross)	2,824	5,993	6,218
Against gross budget authority and outlays:		ffcate.			
Offsetting collections (cash) from: 88.00 Federal sources -113 -558 - 88.40 Non-Federal sources -4 -22 88.90 Total, offsetting collections (cash) -117 -580 - 88.95 Change in orders on hand from Federal sources -272 - - Net budget authority and outlays: 89.00 Budget authority 5,934 5,846 5,	U				
88.40 Non-Federal sources —4 —22 88.90 Total, offsetting collections (cash) —117 —580 — 88.95 Change in orders on hand from Federal sources —272 — Net budget authority and outlays: 89.00 Budget authority 5,934 5,846 5,					
88.90 Total, offsetting collections (cash)		Federal sources			-561
88.95 Change in orders on hand from Federal sources -272 -272 Net budget authority and outlays: 89.00 Budget authority 5,934 5,846 5,	88.40	Non-Federal sources	-4	-22	-25
88.95 Change in orders on hand from Federal sources -272 -272 Net budget authority and outlays: 89.00 Budget authority 5,934 5,846 5,	88 0U	Total offsetting collections (seeb)	117	Eou	-586
Net budget authority and outlays: 89.00 Budget authority 5,934 5,846 5,					-58t
89.00 Budget authority		ov ordere on mand from routing gourdes	LIL		
89.00 Budget authority	N	et budget authority and outlays:			
90.00 Outlavs	89.00	Budget authority			5,862
2,707 0,710	90.00	Outlays	2,707	5,413	5,632

This appropriation provides for the research and development activities of the National Aeronautics and Space Administration. Funds are included for the construction, maintenance, and operation of programmatic facilities.

Performance Objectives

Space Science:

Beginning in FY 1997, the Physics and Astronomy and Planetary Exploration budget line items will be consolidated into one budget line item, Space Science. This consolidation reflects the management and organization of space science activities at NASA and has no impact on program content.

Physics and Astronomy.—This program contributes to our understanding of the origin of the universe, the fundamental laws of physics, and the study of the Earth's and other naturally occurring plasmas in the universe. Development activities will continue in 1996-1997 on the Advanced Xray Astrophysics Facility in support of a launch in late 1998. Development activities on the Global Geospace Science program are complete. The first of the two missions (Wind) was launched in November 1994 and initial operations are underway. The second mission (Polar) is due to be launched in the near future. Development activities continue on the Relativity (Gravity Probe-B) mission. The Preliminary Design Review was completed in March, 1995, four months ahead of schedule. In Explorers, the X-ray Timing Explorer was successfully launched in December 1995. Development activities continue on the Advanced Composition Explorer for a launch in late 1997. Selection of candidate missions for the Small- (SMEX) and Medium (MIDEX)-class Explorer programs continues. These missions emphasize reduced mission costs and accelerated launch schedules. Several significant scientific discoveries were reported in 1995 based on data gathered from the Hubble Space Telescope, and similar results are anticipated in the future. Preparations are currently underway for a second servicing mission in early-mid 1997 which will provide two new science instruments and other servicing requirements as needed. Funding is included to continue development activities on the Stratospheric Observatory for Infrared Astronomy (SOFIA). A commercial operator for development and operation of the SOFIA aircraft is expected to be selected in 1996. Initial operations are expected by the end of FY 2000. Definition activities on the Space Infrared Telescope Facility (SIRTF) and TIMED missions will

Planetary Exploration.—This program encompasses the scientific exploration of the solar system including the planets and their satellites, comets and asteroids, and the interplanetary medium. Development activities will continue on the Cassini mission to Saturn for launch in 1997. Development activities on the Mars Global Surveyor mission continue with launch planned for late 1996. Funds are requested for development of future Mars missions in 1998 and beyond. Development activities on the first two Discovery class missions, Mars Pathfinder and the Near-Earth Asteroid Rendezvous, are nearing completion, and these missions are scheduled for launch in 1996. The Lunar Prospector mission is scheduled for launch in 1997. Funding is also included for future Discovery class missions. The New Millennium Spacecraft program is underway. This program will incorporate critical new technologies into a series of small test missions designed to greatly reduce the mass and cost of future science instruments and spacecraft subsystems. After a six-year cruise period, Galileo arrived at Jupiter in December 1995 to conduct a two-year tour of the planet and its moons.

Life and Microgravity Sciences.—This program uses the microgravity environment of space to conduct basic and applied research to understand the effect of gravity on living systems and to conduct research in the areas of fluid physics, materials science and biotechnology. In 1995, the 116 day

stay of an U.S. astronaut on the MIR, followed by the successful shuttle/MIR rendezvous, provided an excellent opportunity to conduct a wide range of research. Subsequent flights to MIR will provide the means for continuing research activities. In 1996, six major shuttle missions involving materials and life sciences experiments are planned. These missions will provide the opportunity to refine the definition, design and development of experiment hardware planned for use on the Space Station. In 1997, four major shuttle missions are planned with a life sciences or microgravity focus. These include the Materials Sciences Laboratory mission and three NASA/MIR missions. An aggressive four year cooperative program with the National Institute of Child Health and Human Development began in 1995. Research activities will focus on use of NASA's bioreactor technology in the area of AIDS research.

Mission to Planet Earth.—The goal of this program is to gain a better understanding of the processes in the atmosphere, oceans, land surface and interior of the Earth, and to advance our knowledge of the interactions between these environments. The Upper Atmosphere Research Satellite and TOPEX, supported by ground-based and airborne observations, continue to gather valuable scientific data on the Earth's environment. In 1994, three Space Shuttle missions were flown (SRL-1 and -2, and ATLAS-3) with Earth Science as the major focus. Funding is included for the continued development of the first Earth Observing Satellite (EOS) Mission (EOS AM-1) for launch in 1998 and development of the Earth Observing System Data Information System (EOSDIS). Fabrication of all AM-1 spacecraft subsystems is proceeding on schedule to support the planned launch in mid-1998. In 1996, work on EOSDIS Version 1 will continue, with completion planned in FY 1997. EOSDIS will complete Version 2, which will support the EOSDIS and Landsat-7 missions. Launch of the Total Ozone Mapping Spectrometer (TOMS) as a free-flying Earth probe is awaiting resolution of technical issues with the Pegasus XL launch vehicle. Launch of TOMS and the NASA Scatterometer is planned for 1996. The release of EOSDIS Version 1 in 1997 will support the 1997 launch of the Tropical Rainfall Measurement Mission (TRMM.)

Aeronautical Research and Technology.—The goal of this program is to conduct aeronautical research and develop technology to strengthen U.S. leadership in civil and military aviation. In 1995, the Advanced Subsonic Technology program continued to make substantial progress, and funding to continue all elements is included in FY 1996 and FY 1997. Funding is provided to continue Phase II of the High Speed Research program directed at developing and verifying technologies essential for an economically viable and environmentally compatible future High Speed Civil Transport system. In the area of High Performance Computing, NASA has pioneered the implementation of design and simulation software on parallel machines. Funding is included to continue NASA's leadership role in this area. In the Research and Technology base, research activities in various aeronautical disciplines will continue to develop innovative concepts, the physical understanding and the theoretical and computation tools required for the efficient design and operation of advanced aerospace systems. NASA will continue to operate critical national facilities for aeronautical research and for support of industry, Department of Defense and other NASA

Space Access and Technology.—The goal of this program is to provide new and innovative space technologies to meet the challenges and lower the cost of future space missions. The initial two Small Satellite Technology Initiative (SSTI) missions, "Lewis" and "Clark" are scheduled to be launched in 1996, pending resolution of technical concerns with the Lockheed launch vehicle. The SSTI program continues in FY

SCIENCE, AERONAUTICS AND TECHNOLOGY—Continued [(INCLUDING RESCISSION OF FUNDS)]—Continued

1977 in close coordination with New Millennium program activities underway in the Office of Mission to Planet Earth. In 1995 and 1996, the Reusable Launch Vehicle (RLV) program continues to pursue technology development and concept definition activities in support of next-generation reusable systems and will also fund flight demonstration of the DC–XA, an upgrade of the DC–X vehicle developed and flown by DOD. Based on results of these activities, a decision will be made by the President no later than December, 1996, on whether to proceed with design, construction and flight testing of a large-scale, reusable launch vehicle demonstrator, designated the X–33. Funding for this program continues in FY 1997.

Mission Communication Services.—The primary goal of this operational program in all years is to provide highly reliable, cost-effective telecommunications services in support of NASA's science and aeronautics programs. Other U.S. agencies, international space-faring agencies, and U.S. commercial enterprises are also supported on a reimbursable basis. Ground network, space network, and mission systems are provided under this program in support of planetary, deep space, Earth-orbiting, aeronautic, and suborbital systems.

Academic Programs.—The goal of this program is to promote excellence in America's education system through enhancing and expanding scientific and technological competence. NASA's education programs span from the elementary through graduate level, and are directed at students as well as faculty. The goal of the Minority University Research Program is to expand opportunities for talented students from underrepresented groups pursuing degrees in science and engineering, as well as strengthening the research capabilities of minority universities and colleges. In 1995-1997, the range of activities conducted under this program will continue to capture the interest of all students in science and technology, develop talented students at the undergraduate and graduate levels, provide research opportunities for students and faculty members at NASA centers and strengthen and enhance the research capabilities of the nation's colleges and universities.

Funding is also provided in a government-wide account for several NASA science missions. These funds are included to make these programs consistent with OMB's fixed asset policy. This policy requires all or distinct portions of a fixed asset's budget authority be identified upfront. NASA will transition the rest of their fixed asset programs to be consistent with this policy in the FY 1998 budget.

Object Classification (in millions of dollars)

Identific	cation code 80-0110-0-1-999	1995 actual	1996 est.	1997 est.
	Direct obligations:			
22.0	Transportation of things	3	4	3
23.2	Rental payments to others	1	1	1
23.3	Communications, utilities, and miscellaneous			
	charges	82	96	91
24.0	Printing and reproduction	2	2	2
25.1	Advisory and assistance services	743	868	825
25.2	Other services	708	827	785
25.3	Purchases of goods and services from Government			
	accounts	207	242	230
25.4	Operation and maintenance of facilities	13	15	14
25.5	Research and development contracts	2,825	3,298	3,135
25.7	Operation and maintenance of equipment	46	54	51
26.0	Supplies and materials	131	153	145
31.0	Equipment	110	128	122
32.0	Land and structures	40	82	44
41.0	Grants, subsidies, and contributions	372	434	413
99.0	Subtotal, direct obligations	5,283	6,204	5,861
99.0	Reimbursable obligations	389	580	586

MISSION SUPPORT

For necessary expenses, not otherwise provided for, in carrying out mission support for human space flight programs and science, aeronautical, and technology programs, including research operations and support: space communications activities including operations, production and services; maintenance; construction of facilities including repair, rehabilitation, and modification of facilities, minor construction of new facilities and additions to existing facilities, facility planning and design, environmental compliance and restoration, and acquisition or condemnation of real property, as authorized by law; program management; personnel and related costs, including uniforms or allowances therefor, as authorized by 5 U.S.C. 5901-5902; travel expenses; purchase, lease charter, maintenance, and operation of mission and administrative aircraft; not to exceed \$35,000 for official reception and representation expenses; and purchase (not to exceed 33 for replacement only) and hire of passenger motor vehicles; \$2,562,200,000, to remain available until September 30, 1998.

Note.—A regular 1996 appropriation for this account had not been enacted at the time this budget was prepared. The 1996 amounts included in this budget are based on the levels provided in three continuing resolutions: P.L. 104–91, P.L. 104–92, and P.L. 104–99.

Program and Financing (in millions of dollars)

1995 actual

1996 est.

1997 est.

Identification code 80-0112-0-1-999

0	bligations by program activity: Direct program:			
00.01	Safety, reliability and quality assurance	29	46	37
00.01	Space communication services	171	294	290
00.02	Research and program management	2.126	2.054	2,080
00.04	Construction of facilities	78	142	150
00.91	Subtotal, direct program	2,404	2,536	2,557
01.00	Total direct program	2,404	2,536	2,557
01.01	Reimbursable program	74	125	141
10.00	Total obligations	2,478	2,661	2,698
В	udgetary resources available for obligation:			
21.40	Unobligated balance available, start of year: Uninvested balance		128	94
22.00	New budget authority (gross)	2,607	2,627	2,703
22.30	Unobligated balance expiring		,	
23.90	Total budgetary resources available for obligation	2,606	2,755	2,797
23.95	New obligations	-2,478	-2,661	-2,698
24.40	Unobligated balance available, end of year: Uninvested balance	128	94	99
N	ew budget authority (gross), detail:			
40.00	Appropriation	2,572	2,502	2,562
40.35	Appropriation rescinded	,	,	
43.00	Appropriation (total)Permanent:	2,533	2,502	2,562
	Spending authority from offsetting collections:	0.5	105	
68.00	Offsetting collections (cash)	25	125	141
68.10	Change in orders on hand from Federal sources	49 .		
68.90	Spending authority from offsetting collections (total)	74	125	141
70.00	Total new budget authority (gross)	2,607	2,627	2,703
C	hange in unpaid obligations:			
72.40	Unpaid obligations, start of year: Obligated balance: Appropriation		375	501
72.40	Orders on hand from Federal sources		49	49
70.00	Takal associal ablications about of acco		404	
72.99 73.10	Total unpaid obligations, start of year New obligations	2,478	424 2,661	550 2,698
73.20	Total outlays (gross)	-2,476 -2,054	-2,535	-2,603
	Unpaid obligations, end of year:			
74.40	Obligated balance: Appropriation	375	501	596
74.95	Orders on hand from Federal sources	49	49	49
74.99	Total unpaid obligations, end of year	424	550	645

86.90 86.93 86.97 87.00	utlays (gross), detail: Outlays from new current authority Outlays from current balances Outlays from new permanent authority Total outlays (gross)	2,004 ———————————————————————————————————	1,977 433 125 2,535	2,014 448 141 2,603
0	ffsets:			
	Against gross budget authority and outlays:			
88.00	Offsetting collections (cash) from: Federal sources	-25	_114	-123
88.40	Non-Federal sources			
88.90	Total, offsetting collections (cash)	-25	-125	-141
88.95	Change in orders on hand from Federal sources	-49		
N	et budget authority and outlays:			
89.00	Budget authority	2,533	2,502	2,562
90.00	Outlays	2,029	2,410	2,462

This appropriation provides for mission support, including: safety, reliability and quality assurance activities supporting agency programs; space communication services for NASA programs; salaries and related expenses in support of research in NASA field installations; design, repair, rehabilitation and modification of institutional facilities and construction of new institutional facilities; and other operations activities supporting conduct of agency programs.

Performance Objectives:

Safety, Reliability and Quality Assurance.—The goal of this program is to assure the safety and quality of NASA missions, through the development, implementation and oversight of Agencywide safety, engineering, reliability, maintainability, and quality assurance policies and procedures. During 1995–1997, flight program utilization of standards developed in this program will continue.

Space Communication Services.—Activities included in this program provide for the tracking, telemetry, command, data acquisition, communications and data processing required by NASA flight projects. In 1995–1997, the networks and support systems which accomplish these tasks will continue operation. In 1995, the seventh Tracking and Data Relay Satellite (TDRS) was launched. Completion of the upgrade of the TDRS White Sands Complex and early development of the TDRS Replenishment Spacecraft will occur in 1996.

Research and Program Management.—This activity provides for the salaries, travel support, other personnel expenses of the entire NASA civil service workforce. It also includes vital support to the civil service workforce and to the physical plant at the Centers and at NASA Headquarters.

Construction of Facilities.—This activity provides for the facility construction activities to preserve NASA's core infrastructure, environmental compliance and restoration activities, the design of facilities projects, and the advanced planning related to future facilities needs. In 1995–1997, activities in support of discrete projects to repair and modernize the basic infrastructure and institutional facilities at NASA centers will be conducted, as well as activities in support of environmental compliance and restoration requirements.

Funding is also provided in a government-wide account for NASA's Tracking and Data Relay System. These funds are included to make these programs consistent with OMB's fixed asset policy. This policy requires all or distinct portions of a fixed asset's budget authority be identified upfront. NASA will transition the rest of their fixed asset programs to be consistent with this policy in the FY 1998 budget.

Object Classification (in millions of dollars)

Identifi	cation code 80-0112-0-1-999	1995 actual	1996 est.	1997 est.
	Direct obligations: Personnel compensation:			
11.1 11.3	Full-time permanentOther than full-time permanent	1,234 18	1,213 18	1,252 19

11.5	Other personnel compensation	22	23	21
11.8	Special personal services payments	6	7	8
11.9	Total personnel compensation	1,280	1,261	1,300
12.1	Civilian personnel benefits	261	235	245
13.0	Benefits for former personnel	37	37	38
21.0	Travel and transportation of persons	45	46	46
22.0	Transportation of things	7	8	8
23.1	Rental payments to GSA	18	22	21
23.2	Rental payments to others	2	2	2
23.3	Communications, utilities, and miscellaneous			
	charges	59	72	70
24.0	Printing and reproduction	7	9	8
25.1	Advisory and assistance services	70	86	83
25.2	Other services	378	464	450
25.3	Purchases of goods and services from Government			
	accounts	11	13	13
25.4	Operation and maintenance of facilities	11	13	13
25.5	Research and development contracts	57	70	68
25.7	Operation and maintenance of equipment	43	53	51
26.0	Supplies and materials	27	33	32
31.0	Equipment	12	15	14
32.0	Land and structures	76	93	91
41.0	Grants, subsidies, and contributions	3	4	4
99.0	Subtotal, direct obligations	2,404	2,536	2,557
99.0	Reimbursable obligations	74	125	141
99.9	Total obligations	2,478	2,661	2,698

Personnel Summary

Identifica	tion code 80-0112-0-1-999	1995 actual	1996 est.	1997 est.
Di	rect:			
	Total compensable workyears:			
1001	Full-time equivalent employment	22,048	21,450	20,940
1005	Full-time equivalent of overtime and holiday hours	220	220	220
Re	eimbursable:			
2001	Total compensable workyears: Full-time equivalent			
	employment	116	105	90

Federal Funds

General and special funds:

RESEARCH AND DEVELOPMENT

Program and Financing (in millions of dollars)

Identific	ation code 80-0108-0-1-999	1995 actual	1996 est.	1997 est.
0	obligations by program activity:			
00.01	Direct program:	70		
00.01	Space transportation capability development	70		
00.02	Space station	230		
00.14	Physics and astronomy	114		
00.15	Planetary exploration	33		
00.22	Life and microgravity science	128		
00.23	Mission to planet earth	146		
00.29	Advanced concepts and technology	80		
00.42	Aeronautical research and technology	22		
00.43	Safety, reliability and quality assurance	7		
00.44	Academic program	30		
00.45	Tracking and data advanced systems	1		
00.91	Subtotal, direct program	861	2	
01.01	Reimbursable program	87		
10.00	Total obligations	948	2	
В	sudgetary resources available for obligation:			
21.40	Unobligated balance available, start of year:			
	Uninvested balance	906	2	
22.00	New budget authority (gross)	45		
22.30	Unobligated balance expiring	-1		
23.90	Total budgetary resources available for obligation	950	2	
23.95	New obligations	-948	-2	
24.40	Unobligated balance available, end of year:			
	Uninvested balance	2		
N	lew budget authority (gross), detail:			
	Current:			
40.36	Unobligated balance rescinded	-42		

RESEARCH AND DEVELOPMENT—Continued

Program and Financing (in millions of dollars)—Continued

Identific	ation code 80-0108-0-1-999	1995 actual	1996 est.	1997 est.
	Permanent:			
	Spending authority from offsetting collections:			
68.00	Offsetting collections (cash)	424	146	
68.10	Change in orders on hand from Federal sources	-337		
00.10	onange in orders on hand from rederal sources			
68.90	Spending authority from offsetting collections			
	(total)	87		
70.00	Total new budget authority (gross)	45		
C	change in unpaid obligations:			
	Unpaid obligations, start of year:			
72.40	Obligated balance: Appropriation	3,193	753	5
72.95	Orders on hand from Federal sources	483	146	_
72.99	Total unpaid obligations, start of year	3,676	899	5
73.10	New obligations	948		
73.20	Total outlays (gross)	-3,710	-894	-5
73.40	Adjustments in expired accounts	-15		
74.40	Unpaid obligations, end of year:	752		
74.40	Obligated balance: Appropriation	753	-	
74.95	Orders on hand from Federal sources	146	<u></u>	
74.99	Total unpaid obligations, end of year	899	5	
0	lutlays (gross), detail:			
86.93	Outlays from current balances	3,286	748	5
86.98	Outlays from permanent balances	424	146	
87.00	Total outlays (gross)	3,710	894	
	Offsets:	,		
u	Against gross budget authority and outlays:			
	Offsetting collections (cash) from:			
88.00	Federal sources	-393	146	
88.40	Non-Federal sources	-31 -31		
00.40	Non-reactal sources			
88.90	Total, offsetting collections (cash)	-424	-146	
88.95	Change in orders on hand from Federal sources	337	146	
N	let budget authority and outlays:			
89.00	Budget authority	-42		
90.00	Outlays	3,286	748	5

Starting in the FY 1996 budget, the NASA budget reflected an account restructuring that was adopted in FY 1995. NASA's Research and Development activities are now being performed in Human Space Flight; Science, Aeronautics and Technology; and Mission Support.

 $\textbf{Object Classification} \ \ (\text{in millions of dollars})$

Identific	cation code 80-0108-0-1-999	1995 actual	1996 est.	1997 est.
	Direct obligations:			
22.0	Transportation of things	2		
23.1	Rental payments to GSA	2		
23.2	Rental payments to others	2		
23.3	Communications, utilities, and miscellaneous			
	charges	12		
24.0	Printing and reproduction	1		
25.1	Advisory and assistance services	540		
25.2	Other services	43		
25.3	Purchases of goods and services from Government			
	accounts	9		
25.4	Operation and maintenance of facilities	27		
25.5	Research and development contracts	107	2	
25.7	Operation and maintenance of equipment	5		
26.0	Supplies and materials	26		
31.0	Equipment	16		
32.0	Land and structures	5		
41.0	Grants, subsidies, and contributions	64		
99.0	Subtotal, direct obligations	861	2	
99.0	Reimbursable obligations	87		
99.9	Total obligations	948	2	

SPACE FLIGHT, CONTROL AND DATA COMMUNICATIONS

Program and Financing (in millions of dollars)

	Program and Financing (in millio	ilis di udila	13)	
Identific	cation code 80–0105–0–1–252	1995 actual	1996 est.	1997 est.
0	Obligations by program activity: Direct program:			
00.01	Shuttle production and capability development	168		
00.02	Operations	65		
00.03	Launch services	73		
00.04	Tracking and data acquisition	61		
00.91	Subtotal, direct program	367		
01.01	Reimbursable program	36		
10.00	Total obligations	403		
В	Budgetary resources available for obligation:			
21.40	Unobligated balance available, start of year:			
	Uninvested balance	411	1	1
22.00	New budget authority (gross)			
23.90	Total budgetary resources available for obligation	404	1	1
23.95	New obligations			_
24.40	Unobligated balance available, end of year:			
	Uninvested balance	1	1	1
N	lew budget authority (gross), detail:			
40.36	Current: Unobligated balance rescinded Permanent:	-43		
	Spending authority from offsetting collections:			
68.00	Offsetting collections (cash)	214	12	
68.10	Change in orders on hand from Federal sources	-178		
68.90	Spending authority from offsetting collections			
	(total)	36		
70.00	Total new budget authority (gross)	-7		
C	Change in unpaid obligations:			
	Unpaid obligations, start of year:			
72.40	Obligated balance: Appropriation	1,469	424	32
72.95	Orders on hand from Federal sources	190	12	
72.99	Total unpaid obligations, start of year	1,659	436	32
73.10	New obligations	403		
73.20	Total outlays (gross)	-1,623	-392	-32
73.40	Adjustments in expired accounts	-3	-12	
74.40	Unpaid obligations, end of year:	404	20	
74.40 74.95	Obligated balance: Appropriation Orders on hand from Federal sources	424 12		
74.33	Olders oil Italia Itolii Federal Sources			
74.99	Total unpaid obligations, end of year	436	32	
0	Outlays (gross), detail:			
86.93	Outlays from current balances	1,409	392	32
86.98	Outlays from permanent balances	214		
87.00	Total outlays (gross)	1,623	392	32
0	Offsets:			
	Against gross budget authority and outlays:			
88.00	Offsetting collections (cash) from: Federal sources	-138	_12	
88.45	Offsetting governmental collections	-136 -76	-12	
55.70	oncotting personniontal concettons			
88.90 88.95	Total, offsetting collections (cash) Change in orders on hand from Federal sources	-214 178		
	let hudget authority and multi-			
	let budget authority and outlays: Budget authority	_43		
89.00 90.00	Budget authority and oudays: Budget authority Outlays	-43 1,409	380	32

Starting in the FY 1996 budget, the NASA budget reflected an account restructuring that was adopted in FY 1995. NASA's Space Flight, Control and Data Communications activities are now being performed in Human Space Flight; Science, Aeronautics and Technology; and Mission Support.

Object Classification (in millions of dollars)

Identific	ration code 80-0105-0-1-252	1995 actual	1996 est.	1997 est.
	Direct obligations:			
22.0	Transportation of things	1		
23.2	Rental payments to others	2		
23.3	Communications, utilities, and miscellaneous			
	charges	1		
24.0	Printing and reproduction	1		
25.1	Advisory and assistance services	246		
25.2	Other services	49		
25.3	Purchases of goods and services from Government			
	accounts	18		
25.5	Research and development contracts	37		
25.7	Operation and maintenance of equipment	3		
26.0	Supplies and materials	2		
31.0	Equipment	7		
99.0	Subtotal, direct obligations	367		
99.0	Reimbursable obligations	36		
99.9	Total obligations	403		

CONSTRUCTION OF FACILITIES

Program and Financing (in millions of dollars)

	ation code 80–0107–0–1–999	1995 actual	1996 est.	1997 est.
n	bligations by program activity:			
00.01	Space transportation	34	30	
00.01	Space science	7		
00.11		12	3	
	Mission to planet Earth		3 7	
00.31	Advanced concepts and technology	7	-	1
00.41	Aeronautical research and technology	141	57	13
00.42	Supporting activity	96	70	14
10.00	Total obligations	297	167	33
В	udgetary resources available for obligation:			
	Unobligated balance available, start of year:			
21.40	Treasury balance	535	197	32
21.41	U.S. Securities: Par value	6	3	1
21.99	Total unobligated balance, start of year	541	200	33
22.00	New budget authority (gross)	-44		
23.90	Total budgetary resources available for obligation	497	200	33
23.95		-297	-167	-33
23.33	New obligations	-237	-107	-33
04.40	Unobligated balance available, end of year:	107	20	
24.40	Uninvested balance	197	32	
24.41	U.S. Securities: Par value	3	1	
24.99	Total unobligated balance, end of year	200	33	
N	ew budget authority (gross), detail:			
	Current:			
40.36	Current: Unobligated balance rescinded Permanent:	-44		
40.36	Unobligated balance rescindedPermanent:	-44		
	Unobligated balance rescinded Permanent: Spending authority from offsetting collections:			
68.00	Unobligated balance rescindedPermanent:	4		
68.00 68.10	Unobligated balance rescinded	4		
40.36 68.00 68.10 68.90	Unobligated balance rescinded	4		
68.00 68.10	Unobligated balance rescinded	4	<u> </u>	
68.00 68.10 68.90 70.00	Unobligated balance rescinded	4		
68.00 68.10 68.90 70.00	Unobligated balance rescinded	4 		
68.00 68.10 68.90 70.00	Unobligated balance rescinded		311	345
68.00 68.10 68.90 70.00 C 72.40 72.95	Unobligated balance rescinded		311	345
68.00 68.10 68.90 70.00 C 72.40 72.95	Unobligated balance rescinded	4 -4 -44 320 4 324	311	349
68.00 68.10 68.90 70.00 C 72.40 72.95	Unobligated balance rescinded		311	349
68.00 68.10 68.90 70.00 C 72.40 72.95 72.99 73.10	Unobligated balance rescinded	4 -4 -44 320 4 324	311	349
68.00 68.10 68.90 70.00 C 72.40 72.95 72.99 73.10 73.20	Unobligated balance rescinded		311 	349 349 33 -162
68.00 68.10 68.90 70.00 C 72.40 72.95 72.99 73.10 73.20	Unobligated balance rescinded	-44 4 44 320 44 324 297	311	349
68.00 68.10 68.90 70.00 C 72.40 72.95 72.99 73.10 73.20 74.40	Unobligated balance rescinded	320 -44 324 297 -309 311	311 311 167 -129 349	349 349 3162 218
68.00 68.10 70.00 C 72.40 72.95 72.99 73.10 73.20 74.40	Unobligated balance rescinded		311 	349 349 33 -162

Offsets:

	Against gross budget authority and outlays: Offsetting collections (cash) from:			
88.40 88.45	Non-Federal sourcesOffsetting governmental collections	-3 -1		
88.90 88.95	Total, offsetting collections (cash) Change in orders on hand from Federal sources			
89.00 90.00	let budget authority and outlays: Budget authority Outlays	-44 305	129	164

Starting in the FY 1996 budget, the NASA budget reflected an account restructuring that was adopted in FY 1995. NASA's Construction of Facilities activities are now being performed in Human Space Flight; Science, Aeronautics and Technology; and Mission Support.

Object Classification (in millions of dollars)

Identific	cation code 80-0107-0-1-999	1995 actual	1996 est.	1997 est.
25.1	Advisory and assistance services	2		
25.2	Other services	46		
25.4	Operation and maintenance of facilities	6		
26.0	Supplies and materials	1		
31.0	Equipment	8		
32.0	Land and structures	234	167	33
99.9	Total obligations	297	167	33

RESEARCH AND PROGRAM MANAGEMENT

Program and Financing (in millions of dollars)

Identific	ation code 80-0103-0-1-999	1995 actual	1996 est.	1997 est.
21.40	udgetary resources available for obligation: Unobligated balance available, start of year: Uninvested balance	18		
22.00	New budget authority (gross)			
23.90 23.95	Total budgetary resources available for obligation New obligations			
N	lew budget authority (gross), detail:			
40.36	Unobligated balance rescinded	-18		
68.00 68.10	Spending authority from offsetting collections: Offsetting collections (cash)			
68.90	Spending authority from offsetting collections			
70.00	(total) Total new budget authority (gross)			
	change in unpaid obligations:			
	Unpaid obligations, start of year:			
72.40 72.95	Obligated balance: Appropriation Orders on hand from Federal sources	129	23	
72.99 73.10	Total unpaid obligations, start of year New obligations	138		
73.20 73.40	Total outlays (gross)	-107	-23	
74.40	Unpaid obligations, end of year: Obligated balance: Appropriation			
	lutlays (gross), detail:			
86.93	Outlays from current balances	107	23	
87.00	Total outlays (gross)	107	23	
0	Iffsets: Against gross budget authority and outlays: Offsetting collections (cash) from:			
88.00	Federal sources			
88.40	Non-Federal sources			
88.90	Total, offsetting collections (cash)	-9		

RESEARCH AND PROGRAM MANAGEMENT—Continued

Program and Financing (in millions of dollars)—Continued

Identific	ation code 80–0103–0–1–999	1995 actual	1996 est.	1997 est.
88.95	Change in orders on hand from Federal sources	9		
	et budget authority and outlays:			
	Budget authority Outlays	-18 98	23	

Starting in the FY 1996 budget, the NASA budget reflected an account restructuring that was adopted in FY 1995. NASA's Research and Program Management activities are now being performed in Mission Support.

OFFICE OF INSPECTOR GENERAL

For necessary expenses of the Office of Inspector General in carrying out the Inspector General Act of 1978, as amended, \$17,000,000.

Note.—A regular 1996 appropriation for this account had not been enacted at the time this budget was prepared. The 1996 amounts included in this budget are based on the levels provided in three continuing resolutions: P.L. 104-91, P.L. 104-92 and P.L. 104-99.

Program and Financing (in millions of dollars)

Identific	ation code 80-0109-0-1-252	1995 actual	1996 est.	1997 est.
0	bligations by program activity:			
	Total obligations	16	16	17
В	udgetary resources available for obligation:			
22.00	New budget authority (gross)	16	16	17
23.95	New obligations	-16	-16	-17
N	ew budget authority (gross), detail:			
40.00	Appropriation	16	16	17
C	hange in unpaid obligations:			
72.40	Unpaid obligations, start of year: Obligated balance:			
	Appropriation	3	3	3
73.10	New obligations	16	16	17
73.20	Total outlays (gross)	-15	-16	-17
74.40	Unpaid obligations, end of year: Obligated balance:			
	Appropriation	3	3	3
0	utlays (gross), detail:			
86.90	Outlays from new current authority	11	14	15
86.93	Outlays from current balances	3	2	2
87.00	Total outlays (gross)	15	16	17
	et budget authority and outlays:			
89.00	Budget authority	16	16	17
90.00	Outlays	14	16	17

The mission of the Office of Inspector General is to conduct audits and investigations of agency activities. The Inspector General keeps the Administrator informed of problems and deficiencies in agency programs and operations.

Object Classification (in millions of dollars)

Identific	cation code 80-0109-0-1-252	1995 actual	1996 est.	1997 est.
11.1	Personnel compensation: Full-time permanent	11	12	13
12.1	Civilian personnel benefits	2	2	3
21.0	Travel and transportation of persons	1	1	1
25.2	Other services	1	1	
26.0	Supplies and materials	1		
99.9	Total obligations	16	16	17

Personnel Summary

Identification code 80-0109-0-1-252	1995 actual	1996 est.	1997 est.
Total compensable workyears:	101	010	007
1001 Full-time equivalent employment		210	207
1005 Full-time equivalent of overtime and holiday hours	5 2	2	2

SCIENCE, SPACE, AND TECHNOLOGY EDUCATION TRUST FUND

Unavailable Collections (in millions of dollars)

Identification code 80–8978–0–7–503	1995 actual	1996 est.	1997 est.
Balance, start of year: 01.99 Balance, start of year			
02.01 Earnings on investments; Science, Space and Technology Education, Trust Fund		1	1
Appropriation: 05.01 Science, space, and technology education trust fund 07.99 Total balance, end of year		-1	-1

Program and Financing (in millions of dollars)

Identification code 80-8978-0-7-503		1995 actual	1996 est.	1997 est.
0	bligations by program activity:			
10.00		1	1	
В	udgetary resources available for obligation:			
	Unobligated balance available, start of year:			
21.41	U.S. Securities: Par value	16	16	1
21.42	Unrealized discounts	10	10	1
21.99 22.00	Total unobligated balance, start of year	17	17	1
22.00	New budget authority (gross)			
23.90	Total budgetary resources available for obligation	17	17	1
23.95	New obligations	-1	-1	-
	Unobligated balance available, end of year: U.S. Securities:			
24.41	Par value	16	16	1
24.42	Unrealized discounts	1	1	
24.99	Total unobligated balance, end of year	17	17	1
N	ew budget authority (gross), detail:			
60.27	Appropriation (trust fund, indefinite)	1	1	
C	hange in unpaid obligations:			
73.10	New obligations	1	1	
73.20	Total outlays (gross)	-1	-1	_
0	utlays (gross), detail:			
86.97	Outlays from new permanent authority	1	1	
87.00	Total outlays (gross)	1	1	
N	et budget authority and outlays:			
89.00	Budget authority			
90.00	Outlays	1	1	

Administrative Provisions [(INCLUDING TRANSFER OF FUNDS)]

Notwithstanding the limitation on the availability of funds appropriated for "Human space flight", "Science, aeronautics and technology", or "Mission support" by this appropriations Act, when (1) any activity has been initiated by the incurrence of obligations for construction of facilities as authorized by law, or (2) amounts are provided for full-funding for the New Millennium Initiative, and for the Tracking and Data Relay Satellite (TDRS) replenishment program in the Treasury, Postal Service and General Government Appropriations Acts, 1997, such amount available for such activity shall remain available until expended. This provision does not apply to the amounts appropriated in "Mission support" pursuant to the authorization for repair, rehabilitation and modification of facilities, minor construction

of new facilities and additions to existing facilities, and facility planning and design.

Notwithstanding the limitation on the availability of funds appropriated for "Human space flight", "Science, aeronautics and technology", or "Mission support" by this appropriations Act, the amounts appropriated for construction of facilities shall remain available until September 30, 1999.

Notwithstanding the limitation on the availability of funds appropriated for "Mission support" and "Inspector General", amounts made available by this Act for personnel and related costs and travel expenses of the National Aeronautics and Space Administration shall remain available until September 30, 1997 and may be used to enter into contracts for training, investigations, cost associated with personnel relocation, and for other services, to be provided during the next fiscal year.