

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

CHRONOLOGICAL HISTORY

FISCAL YEAR 1959

BUDGET SUBMISSION

Prepared by:
Office of Administration
Budget Operations Division
Code BT-1 EXT. 24146

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1959 Budget Submission
(In thousands of dollars)

I T E M	A U T H O R I Z A T I O N							A P P R O P R I A T I O N				
	Budget Submission	House Committee Action	House Committee Approved Budget	House ^{1/} Approved	Senate Committee Action	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)	House Committee Approved	House Approved	Senate Committee Approved	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)
TOTAL APPROPRIATIONS:												
Research and Development	237,569.5						217,369.5					213,294.5
Construction and Equipment.....	98,270						101,983					69,825
Salaries and Expenses...	90,834						86,454.0					86,286.3
GRAND TOTAL.....	426,673.5						405,806.5					369,405.8
R&D Appropriation:												
Basic Submission (NASA):												
Space Science.....	64,700											
Space Technology.....	82,000											
Meteorology and Communications.....	10,500											
Technology of Manned Space Flight Vehicles	30,000											
Sub-total.....	187,200						167,000					167,000(h)
Transfer from DOD. (-117,000)*												
Net, basic submission	(70,200)									(35,000) ^{10/}		(50,000)(d)
Other DOD transfers (Undistributed)...	29,619.5 ^{2/}						29,619.5					29,619.5 ^{2/}
Supplemental (NASA):												
Space Operations Tech.	20,750	---	20,750 ^{6/}	20,750	20,750 ^{5/}	20,750 ^{5/}	20,750(c)	18,675 ^{7/}	---	20,750 ^{9/}	20,750	16,675(g)
Total, R&D.....	237,569.5						217,369.5			55,750		213,294.5
C&E Appropriation:												
Basic Submission (NACA)	26,220	+3,713	29,933 ^{13/}	29,933	29,933	29,933	29,933(a)	23,000(e)	23,000	26,220 ^{8/}	23,000	23,000(e)
Basic Submission (NASA)	47,800	---	47,800 ^{3/}	47,800	47,800	47,800 ^{14/}	47,800(b)	---	---	35,000 ^{10/}	---	25,000(d)
Sub-total, basic sub...	74,020	+3,713	77,733				77,733			61,220		48,000
Supplemental (NASA).....	24,250	---	24,250 ^{6/}	24,250	24,250 ^{5/}	24,250 ^{5/}	24,250(c)	22,725 ^{7/}		24,250 ^{9/}	24,250	21,825(g)
Total, C&E.....	98,270	+3,713	101,983				101,983			85,470		69,825
S&E Appropriation:												
Basic Submission (NACA):												
NACA Headquarters.....	2,250											
Langley Aeronautical Lab.	30,138											
Ames Aeronautical Lab....	16,209											
Lewis Flight Prop. Lab....	27,991											
High-Speed Flight Station	2,658											
Pilotless Aircraft Station	1,172.3											
Western Coordination Office	43.5											
Wright-Patterson Liaison Office.....	18.2											
Sub-total, (NACA).....	80,480 ^{1/}							78,100(e)	78,100	80,100 ^{8/}	78,100	78,100(e)
Basic Submission (NASA):												
Space Projects Center....	5,725											
NASA Headquarters.....	1,275											
Sub-total, (NASA).....	7,000											
Supplemental (Pay Act)....	3,354	---	3,354 ^{4/}	3,354	3,354 ^{5/}	3,354 ^{5/}	3,354(c)	3,018.6 ^{11/}	3,018.6	3,354 ^{12/}	3,354	3,000(g)
Total, S&E.....	90,834						86,454.0			88,454		86,286.3
TOTAL NACA/NASA.....	426,673.5						405,806.5			229,674		369,405.8

gpo 911-428

* Amounts in parenthesis are non-add items.

FOOTNOTES: See last page.

Prepared by:
Office of Administration
Budget Operations Div.
Code BT-1 Ext. 24146

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1959 Budget Submission
(In thousands of dollars)

I T E M	A U T H O R I Z A T I O N							A P P R O P R I A T I O N				
	Budget Submission	House Committee Action	House Committee Approved Budget	House 1/ Approved	Senate Committee Action	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)	House Committee Approved	House Approved	Senate Committee Approved	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)
RESEARCH AND DEVELOPMENT												
Basic Submission:												
Space Science.....	64,700											
ARPA commitments.....	13,600											
Geophysical studies w/ vertical probes.....	7,000											
Geophysical studies w/ satellites.....	26,500											
Instrumentation.....	6,520											
Advanced lunar probe developments.....	5,080											
Planetary and inter- planetary studies.....	2,000											
Astronomical satellite developments.....	4,000											
Space Technology.....	82,000											
Propulsion system R&D..	30,000											
Vehicular subsystems R&D	28,500											
Instrumentation R&D....	7,000											
Vehicle development....	16,500											
Meteorology and Communications.....	10,500											
Meteorological observa- tion developments.....	6,000											
Communication service developments.....	4,500											
Technology of Manned Space Flight Vehicles..	30,000											
Development of space capsule systems.....	6,500											
Capsule instrumentation	4,000											
Preliminary flight exper- iment booster systems.	19,500											
Sub-total, R&D basic..	187,200											
Less transfer from DOD(-	117,000)											
Sub-total R&D basic (net).....	(70,200)											
Other transfers DOD (Unidentified).....	29,619.5 ^{2/}											
Supplemental Submission:												
Space (Operations)												
Technology.....	20,750	---	20,750 ^{4/}									
Manned space flight....	20,750	---	20,750		20,750 ^{5/}	20,750(c)	18,675 ^{7/}	18,675	18,675	20,750 ^{9/}	20,750	16,675(e)
TOTAL, R&D (NASA).....	237,569.5						217,369.5					213,294.5

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1959 Budget Submission
(In thousands of dollars)

I T E M	A U T H O R I Z A T I O N						A P P R O P R I A T I O N					
	Budget Submission	House Committee Action	House Committee Approved Budget	House 1/ Approved	Senate Committee Action	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)	House Committee Approved	House Approved	Senate Committee Approved	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)
C&E APPROPRIATION:												
Basic Submission (NACA):												
Langley Laboratory.....	12,870		16,583				16,583					
High-temperature, structural dynamics facilities.....	12,120		12,120				12,120					
110-KV cable tie between East and West areas....	750		750				750					
Instrumentation of a dynamics systemic research airplane.....	---		1,040				1,040					
Ultra-high temperature materials facility.....	---		2,673				2,673					
Ames Laboratory.....	4,321		4,321				4,321					
12X12 hypersonic helium tunnel.....	1,685		1,685				1,685					
Hypervelocity research laboratory.....	1,450		1,450				1,450					
Modifications to flight research laboratory ..	1,186		1,186				1,186					
Lewis Laboratory.....	8,892		8,892				8,892					
Air heater for the Unitary Plan tunnel...	1,550		1,550				1,550					
Modifications to the altitude tunnel for research on rockets...	512		512				512					
Retubing of the propulsion systems laboratory primary cooler.....	260		260				260					
Hypersonic missile propulsion facility.....	2,690		2,690				2,690					
Modification of the materials research lab	2,080		2,080				2,080					
High-energy rocket engine research facility.....	1,800		1,800				1,800					
Wallops Station.....	137		137				137					
Erosion control.....	137		137				137					
Subtotal, Basic C&E (NACA).....	26,220		29,933 ^{13/}				29,933(a)	23,000 ^{6/}		26,220 ^{8/}		23,000(e)
Basic Submission (NASA):												
Wallops Island.....	24,500		24,500			24,500	24,500			24,500		
Expansion of facilities Wash., D.C. vicinity....	24,500		24,500			24,500	24,500			24,500		
Space projects center...	3,750		3,750			3,750	3,750			3,750		
Various Locations.....	3,750		3,750			3,750	3,750			3,750		
Equipment and instrumentation.....	19,550		19,550			19,550	19,550			19,550		
Subtotal, Basic C&E (NASA).....	19,550		19,550			19,550	19,550			19,550		
Subtotal C&E Basic Submissions.....	47,800		47,800 ^{3/}			47,800 ^{14/}	47,800(b)			35,000 ^{10/}		25,000(d)
Subtotal C&E Basic Submissions.....	74,020		77,733			77,733				61,220		48,000

FOOTNOTES: See last page.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1959 Budget Submission
(In thousands of dollars)

I T E M	A U T H O R I Z A T I O N						A P P R O P R I A T I O N					
	Budget Submission	House Committee Action	House Committee Approved Budget	House ^{1/} Approved	Senate Committee Action	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)	House Committee Approved	House Approved	Senate Committee Approved	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)
C&E APPROPRIATION (CONT'D):												
Supplemental Submission (NASA):												
Jet Propulsion Laboratory Expansion/modification of facilities.....	9,000		9,000			9,000	9,000	9,000				
Various Locations.....	9,000		9,000			9,000	9,000	9,000				
Tracking equipment for manned space flight....	15,250		15,250			15,250						
Test facility improvements at Edwards Air Force Base.....	12,050		12,050			12,050	12,050					
Subtotal, C&E Supplemental (NASA).....	3,200		3,200			3,200	3,200					
	24,250		24,250 ^{4/}			24,250 ^{5/}	24,250(c)	22,725 ^{2/}		24,250 ^{9/}		21,825(g)
TOTAL, C&E.....	98,270	+3,713	101,983				101,983			85,470		69,825

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1959 Budget Submission
(In thousands of dollars)

I T E M	A U T H O R I Z A T I O N						A P P R O P R I A T I O N					
	Budget Submission	House Committee Action	House Committee Approved Budget	House 1/ Approved	Senate Committee Action	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)	House Committee Approved	House Approved	Senate Committee Approved	Senate Approved	Conf. Comm. Approved P.L. (See Footnotes)
S&E APPROPRIATION												
<u>Basic Submission (NACA):</u>												
Personal services.....	54,032											
Travel.....	432											
Transportation of things	158											
Communication services..	281											
Rents and utility services.....	9,335											
Printing and reproduction	130											
Other contractual services.....	2,784											
Supplies and materials..	6,234											
Equipment.....	3,666											
Grants, subsidies and contributions.....	3,404											
Refunds, awards and indemnities.....	6											
Taxes and assessments...	18											
Subtotal, Basic (NACA).	80,480							78,100		80,100		78,100(e)
<u>Basic Submission (NASA):</u>												
Personal services.....	4,400											
Travel.....	800											
Transportation.....	80											
Communications.....	150											
Rents and utility services.....	1,150											
Printing and reproduction	17											
Other contractual services.....	131											
Grants, subsidies and contributions.....	270											
Taxes and assessments...	2											
Subtotal, Basic (NASA).	7,000 ^{2/}						2/			5,000 ^{10/}		5,000(d)
<u>Supplemental for Pay Act Increase (NASA):</u>												
Undistributed*.....	3,354		3,354 ^{4/}			3,354 ^{5/}	3,354(c)	3,018.6 ^{11/}		3,354 ^{12/}		3,186.3(e)
TOTAL, S&E.....	90,834						86,454.0			88,454		86,286.3

* Distribution by object class not available.

GENERAL EXPLANATION:

Records are incomplete for Fiscal Year 1959 during the changeover of the budgeting process from NACA to the NASA. The above reflects all of the items involved and the chronology of the more important actions; however it has not been possible to track all of the actions on each segment as it was processed by the Congress for that budget year.

FOOTNOTES:

- 1/ No enabling legislation required for NACA S&E line items.
 - 2/ \$25,541,282 transferred from "U.S. Scientific Satellites" - DoD (Navy Vanguard). (72 Stat. 433)
\$4,078,250 transferred from "Research, Development, Test, and Evaluation," Army (JPL) (72 Stat. 433)
 - 3/ H.R. 13,619, Report 2351, 8-1-58.
 - 4/ Report 226, 3-18-59.
 - 5/ Report 82, 3-5-59.
 - 6/ H.R. 11,574, Report 1543, 3-21-58.
 - 7/ H.R. 7978, Report 579, 6-26-59.
 - 8/ H.R. 11,574, Report 1656, 6-5-58, approved for \$26,220,000.
 - 9/ H.R. 7978, Report 597, 7-31-59.
 - 10/ H.R. 13,450, Report 2350, 8-13-58.
 - 11/ H.R. 5916, Report 238, 3-20-59.
 - 12/ H.R. 5916, Report 207, 4-18-59; also agreed to in Conference Report 355, 5-13-59.
 - 13/ H.R. 11805, Report 2118, 7-7-58.
 - 14/ S4208, Report 2076, 7-31-58.
- (a) NACA Special Committee Report #2042 (H.R. 11805) 7-30-58, P.L. 85-617 (H.R. 11805) 8-8-58.
 - (b) P.L. 85-657 S. 4208 8-14-58.
 - (c) P.L. 86-12 S 1096, 4-22-59.
 - (d) Conference Report 2677 H.R. 13450 8-19-58, P.L. 85-766 H.R. 13,450 8-27-58.
 - (e) Conference Report #2237 H.R. 11574 7-21-58, P.L. 85-844 H.R. 13856 8-28-58 Rept. 2689.
 - (f) H.R. 5916, Conference Report 355, 5-13-59; P.L. 86-30, H.R. 5916, 5-20-59.
 - (g) P.L. 86-213, H.R. 7978, 9-1-59, H.R. 943 (Conf.).
 - (h) Consists of \$50 million in footnote (d) and \$117 million transferred by 72 Stat. 433 as follows:
\$59,200,000 "S&E Advanced Research Projects Agency, DoD";
45,100,000 "Aircraft, Missiles and Related Procurement, Air Force", and
12,700,000 "Research, Development, Test and Evaluation, Air Force."