

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

CHRONOLOGICAL HISTORY

FISCAL YEAR 1960

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 1960 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				
	NASA Budget Submission	House Comm. Action HR 7007 <sup>1/</sup> Rep No 361 5/14/59	House Comm. Approved Budget	House Approved 5/20/59	Senate Comm. Action HR 7007 Rep 332 6/2/59	Senate Approved 6/4/59	PL 86-45 6/15/59 2/	House Comm. Approved HR 7978 Rep No 579 6/26/59	House Approved 6/29/59	Senate Comm. Approved HR 7040 Rep No 591 7/31/59	Senate Approved 8/3/59	Conf Comm. Appd 8/18/59 Rep No 943 PL 86-2133/ 9/1/59
<b>TOTAL APPROPRIATIONS:</b>												
<u>All Appropriations</u>												
Research & Development	345,270	-12,200	333,070	333,070		333,070	337,070	312,200	330,875	345,270	345,270	330,875
Construction & Equipment.....	68,600	-15,550	53,050	53,050	+4,750	57,800	62,800	62,800	62,800	68,600	68,600	62,800
Salaries and Expenses.....	94,430		94,430	94,430		94,430	94,430	91,400	91,400	94,430	94,430	91,400
Total All Appropriations.....	508,300	-27,750	480,550	480,550		485,300	490,300	466,400	485,075	508,300	508,300	485,075
<u>Basic Appropriations</u>												
Research & Development	333,070		333,070	333,070		333,070	333,070	300,000	318,675	333,070	333,070	318,675
Construction & Equipment.....	57,800	-4,750	53,050	53,050	+4,750	57,800	62,800	52,000	52,000	57,800	57,800	52,000
Salaries and Expenses.....	94,430		94,430	94,430		94,430	94,430	91,400	91,400	94,430	94,430	91,400
Total Basic Appropriations.....	485,300	-4,750	480,550	480,550	+4,750	485,300	490,300	443,400	462,075	485,300	485,300	462,075
<u>Supplemental Appropriations</u>												
Research & Development	12,200	-12,200						12,200	12,200	12,200	12,200	12,200
Construction & Equipment.....	10,800	-10,800						10,800	10,800	10,800	10,800	10,800
Total Supplemental Appropriations....	23,000	-23,000						23,000	23,000	23,000	23,000	23,000
<u>Basic Request:</u>	485,300	-4,750	480,550	480,550	+4,750	485,300	490,300	443,400	462,075	485,300	485,300	462,075
<u>R&amp;D Appropriation</u>	(333,070)		(333,070)	(333,070)		(333,070)	(333,070)	(300,000)	(318,675)	(333,070)	(333,070)	(318,675)
Aircraft Missile and Spacecraft Research...	30,026.5		30,026.5	30,026.5		30,026.5	30,026.5					
Scientific Investigations in Space.....	46,743.5		46,743.5	46,743.5		46,743.5	46,743.5					
Satellite Applications Investigations.....	15,500		15,500	15,500		15,500	15,500					
Space Operations Technology.....	73,000		73,000	73,000		73,000	73,000					
Space Propulsion Technology.....	52,200		52,200	52,200		52,200	52,200					

GPO 911-408

1/ This was a clean up bill (From HR 6512) which in addition to the \$4,750,000 reduction in C&E provided that thereafter special authorization legislation would be required.

2/ No Conference Committee. House passed Senate Version on 6/8/59.

3/ Excludes \$16,675,000 (R&D) and \$21,825,000 (C&E) appropriated against FY 1959 authorization and is reflected in the Chronological History.

# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1960 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					
	NASA Budget Submission	House Comm Action HR 7002 <sup>1</sup> / <sub>2</sub> Rep No 361 5/14/59	House Comm Approved Budget	House Approved 5/20/59	Senate Comm Action HR 7007 Rep 332 6/2/59	Senate Approved 6/4/59	PL 86-45 6/15/59 2/	House Comm Approved HR 7978 Rep No 579 6/26/59	House Approved 6/29/59	Senate Comm Approved HR 7040 Rep No 597 7/31/59	Senate Approved 8/3/59	Conf Comm App'd 4/12/60 Rep No 943 PL 86-213 9/1/59	
Space Systems Technology	5,000		5,000	5,000			5,000	5,000					
Supporting Activities...	11,500		11,500	11,500			11,500	11,500					
Vehicle Development....	99,100		99,100	99,100			99,100	99,100					
<u>Cons Appropriation</u>	(57,800)	(-4,750)	(53,050)	(53,050)	(+4,750)		(57,800)	(62,800)	(52,000)	(52,000)	(57,800)	(57,800)	(52,000)
Langley Research Center	4,580		4,580	4,580			4,580	4,580					
Ames Research Center...	6,555		6,555	6,555			6,555	6,555					
Lewis Research Center..	6,860		6,860	6,860			6,860	6,860					
Flight Research Center,	2,805		2,805	2,805			2,805	2,805					
Goddard Space Flight Center.....	14,000		14,000	14,000			14,000	14,000					
Pacific Launch Opera- tions.....	3,000		3,000	3,000			3,000	3,000					
Unforeseen Contingencies	---						5,000	5,000					
Various Locations.....	20,000	-4,750	15,250	15,250	+4,750		20,000	20,000					
<u>Salaries and Expenses</u>	(94,430)		(94,430)	(94,430)			(94,430)	(94,430)	(91,400)	(91,400)	(94,430)	(94,430)	(91,400)
NASA Headquarters....	6,409		6,185	6,185			6,185	6,409					
Langley Research Center.....	32,724		27,660	27,660			27,660	32,724					
Ames Research Center.	18,352		14,716	14,716			14,716	18,352					
Lewis Research Center	31,733		25,602.54	25,602.54			25,602.54	31,733					
Flight Research Center.....	3,354		2,624	2,624			2,624	3,354					
Goddard Space Flight Center.....	14,744.75		14,549.75	14,549.75			14,549.75	14,744.75					
Wallops Station.....	3,626		2,950	2,950			2,950	3,626					
Patrick Office.....	55.25		50.25	50.25			50.25	55.25					
Western Support Operations.....	80		71	71			71	80					
Wright-Patterson Liaison Office.....	22		21.46	21.46			21.46	22					
Funded Under R&D,....	-16,670							-16,670					

# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1960 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					
	NASA Budget Submission	House Comm Action HR 7007-1/ Rep No 361 5/14/59	House Comm Approved Budget	House Approved 5/20/59	Senate Comm Action HR 7007 Rep 332 6/2/59	Senate Approved 6/4/59	PL 86-45 6/15/59 2/	House Comm Approved HR 7978 Rep No 579 6/26/59	House Approved 6/29/59	Senate Comm Approved HR 7040 Rep No 597 7/31/59	Senate Approved 8/3/59	Conf Comm Appd 8/18/59 Rep No 943 PL 86-213 9/1/59	
<u>Supplemental Request</u>	23,000							H. J. Res. 621 Rep No 1280 2/19/60	23,000	23,000	23,000	23,000	23,000
<u>R&amp;D Appropriation</u>	(12,200)						Utilized Authority of PL 86-45	2/23/60	(12,200)	(12,200)	(12,200)	(12,200)	(12,200)
Manned Space Flight..	12,200												
<u>C&amp;E Appropriation</u>	(10,800)								(10,800)	(10,800)	10,800	(10,800)	(10,800)
Atlantic Missile Range	4,000												
Various Locations....	6,800												
<u>Basic Appropriations</u>													
<u>R&amp;D Appropriation</u>	333,070		333,070	333,070		333,070	333,070		300,000	318,675	333,070	333,070	318,675
Aircraft Missile and Space Research.....	(30,026.5)		(30,026.5)	(30,026.5)		(30,026.5)	(30,026.5)						
Support of NASA Plant..	16,670		16,670	16,670		16,670	16,670						
Support of JPL Plant...	8,156.5		8,156.5	8,156.5		8,156.5	8,156.5						
Research Contracts.....	5,200		5,200	5,200		5,200	5,200						
Scientific Investigations in Space.....	(46,743.5)		(46,743.5)	(46,743.5)		(46,743.5)	(46,743.5)						
Sounding Rockets.....	10,000		10,000	10,000		10,000	10,000						
Scientific Satellites..	22,800		22,800	22,800		22,800	22,800						
Lunar Probes.....	7,140		7,140	7,140		7,140	7,140						
Deep-space Probes.....	6,803.5		6,803.5	6,803.5		6,803.5	6,803.5						
Satellite Applications Investigations.....	(15,500)		(15,500)	(15,500)		(15,500)	(15,500)						
Meteorology.....	10,800		10,800	10,800		10,800	10,800						
Communications.....	4,700		4,700	4,700		4,700	4,700						
Space Operations Technology.....	(73,000)		(73,000)	(73,000)		(73,000)	(73,000)						
Manned Space Flight....	70,000		70,000	70,000		70,000	70,000						
Space Rendezvous Techniques.....	3,000		3,000	3,000		3,000	3,000						
Space Propulsion Tech- nology.....	(52,200)		(52,200)	(52,200)		(52,200)	(52,200)						

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1960 Budget Submission  
(In thousands of dollars)

Page 4

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				
	NASA Budget Submission	House Comm Action HR 7007 <sup>L</sup> / Rep No 361 5/14/59	House Comm Approved Budget	House Approved 5/20/59	Senate Comm Action HR 7007 Rep 332 6/2/59	Senate Approved 6/4/59	PL 86-45 6/15/59 2/	House Comm Approved HR 7978 Rep No 579 6/26/59	House Approved 6/29/59	Senate Comm Approved HR 7040 Rep No 597 7/31/59	Senate Approved 8/3/59	Conf Comm Annd 8/18/59 Rep No 943 PL 86-213 9/1/59
Solid Propellant Rockets	3,000		3,000	3,000		3,000	3,000					
High Energy Propellant Rockets.....	5,000		5,000	5,000		5,000	5,000					
1-Million pound Thrust single Chamber engine.	30,200		30,200	30,200		30,200	30,200					
Nuclear Rocket Engine...	8,000		8,000	8,000		8,000	8,000					
Space Engines.....	3,000		3,000	3,000		3,000	3,000					
Auxiliary Power Units...	3,000		3,000	3,000		3,000	3,000					
Space Systems Technology..	(5,000)		(5,000)	(5,000)		(5,000)	(5,000)					
Advanced Vehicle Systems	1,500		1,500	1,500		1,500	1,500					
Booster Recovery Systems	1,500		1,500	1,500		1,500	1,500					
Orbiting Space Labora- tories.....	2,000		2,000	2,000		2,000	2,000					
Supporting Activities.....	(11,500)		(11,500)	(11,500)		(11,500)	(11,500)					
Tracking and Data Acquisition.....	11,500		11,500	11,500		11,500	11,500					
Vehicle Development.....	(99,100)		(99,100)	(99,100)		(99,100)	(99,100)					
Scout.....	2,000		2,000	2,000		2,000	2,000					
Delta.....	13,300		13,300	13,300		13,300	13,300					
Vega.....	42,800		42,800	42,800		42,800	42,800					
Centaur.....	41,000		41,000	41,000		41,000	41,000					
<b>C&amp;E Appropriation</b>	57,800	-4,750	53,050	53,050	+4,750	(57,800)	(57,800)					
Langley Research Center...	(4,580)		(4,580)	(4,580)		(4,580)	(4,580)					
Alterations to the Thermal Structures Tunnel.....	745		745	745		745	745					
Analytical Computing Equipment.....	2,645		2,645	2,645		2,645	2,645					
Conversion of Gust Tunnel to Noise Research Lab.....	315		315	315		315	315					
Conversion of Test Cell to Noise Test Facility	290		290	290		290	290					
Heater and Vacuum System for Gas Dynamics Laboratory.....	585		585	585		585	585					
Ames Research Center.....	(6,555)		(6,555)	(6,555)		(6,555)	(6,555)					
Data Reduction Center...	2,505		2,505	2,505		2,505	2,505					
Moss Transfer Cooling and Aerodynamics Facility.....	4,050		4,050	4,050		4,050	4,050					

GPO 311-408

Prepared by BT-1

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1960 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				
	NASA Budget Submission	House Comm Action HR 7007 <sup>1</sup> / Rep No 361 5/14/59	House Comm Approved Budget	House Approved 5/20/59	Senate Action HR 7007 Rep 332 6/2/59	Senate Approved 6/4/59	PL 86-45 6/15/59 2/	House Comm Approved HR 7978 Rep No 579 6/26/59	House Approved 6/29/59	Senate Comm Approved HR 7040 Rep No 597 7/31/59	Senate Approved 8/3/59	Conf Comm Appd 8/18/59 Rep No 943 PL 86-213 9/1/59
Lewis Research Center.....	(6,860)		(6,860)	(6,860)		(6,860)	(6,860)					
Ion and Plasma Jet Facility.....	6,000		6,000	6,000		6,000	6,000					
Zero-Power Reactor.....	605		605	605		605	605					
On-Pile Loop.....	250		250	250		250	250					
Land Acquisition.....	5		5	5		5	5					
Flight Research Center....	(2,805)		(2,805)	(2,805)		(2,805)	(2,805)					
Building Additions.....	955		955	955		955	955					
Analog Computing Equip- ment.....	350		350	350		350	350					
Terminal Guidance Facility.....	1,500		1,500	1,500		1,500	1,500					
Goddard Space Flight Center.....	(14,000)		(14,000)	(14,000)		(14,000)	(14,000)					
Central Flight Control and Range Operations Building.....	3,300		3,300	3,300		3,300	3,300					
Space Sciences Labora- tory.....	6,000		6,000	6,000		6,000	6,000					
Instrument Construction and Installation Lab..	3,700		3,700	3,700		3,700	3,700					
Utility Installations...	1,000		1,000	1,000		1,000	1,000					
Pacific Launch Operations. Launching Facilities (Various).....	(3,000)		(3,000)	(3,000)		(3,000)	(3,000)					
3,000	3,000		3,000	3,000		3,000	3,000					
Various Locations.....	(20,000)	(-4,750)	(15,250)	(15,250)	(+4,750)	(20,000)	(20,000)					
Global Range Tracking and Communication Facilities and Equipment.....	10,000		10,000	10,000		10,000	10,000					
Facilities for Rover Program.....	2,000		2,000	2,000		2,000	2,000					
Propulsion Development Facilities.....	8,000	-4,750	3,250	3,250	+4,750	8,000	8,000					
Salaries & Expenses	94,430		94,430	94,430		94,430	94,430					
Personal Services.....	69,976		69,976	69,976		69,976	69,976					
Travel.....	3,181		3,181	3,181		3,181	3,181					
Transportation of Things	349		349	349		349	349					
Communications Services, Rents and Utility Services.....	3,827		3,827	3,827		3,827	3,827					
11,881	11,881		11,881	11,881		11,881	11,881					

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Chronological History of the FY 1960 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				
	NASA Budget Submission	House Comm Action HR 7007 <sup>1</sup> / Rep No 361 5/14/59	House Comm Approved Budget	House Approved 5/20/59	Senate Comm Action HR 7007 Rep 332 6/2/59	Senate Approved 6/4/59	PL 86-45 6/15/59 2/	House Comm Approved HR 7978 Rep No 579 6/26/59	House Approved 6/29/59	Senate Comm Approved HR 7040 Rep No 597 7/31/59	Senate Approved 8/3/59	Conf Comm App'd 8/10/59 Rep No 943 PL 86-213 9/1/59
Printing and Reproduction.....	210.5		210.5	210.5		210.5	210.5					
Other Contractual Services.....	3,340.56		3,340.56	3,340.56		3,340.56	3,340.56					
Supplies and Materials..	8,283		8,283	8,283		8,283	8,283					
Equipment.....	5,610		5,610	5,610		5,610	5,610					
Grants, Subsidies and Contributions.....	4,420.54		4,420.54	4,420.54		4,420.54	4,420.54					
Refunds, Awards and Indemnities.....	6		6	6		6	6					
Taxes and Assessments...	15.4		15.4	15.4		15.4	15.4					
Funded Under R&D.....	-16,670		-16,670	-16,670		-16,670	-16,670					
<b>Supplemental Request</b>												
<b>R&amp;D Appropriation</b>	12,200						Utilized Authority of PL 86-45	12,200	12,200	12,200	12,200	12,200
Manned Space Flight... Mercury Capsules, Support Equipment and Support Services.....	(12,200)											
<b>C&amp;E Appropriation</b>	10,800							10,800	10,800	10,800	10,800	10,800
Atlantic Missile Range Modification to Launch Pad No. 12.	(4,000)											
Various Locations..... Equipment and Instrumentation for Mercury Network.	(6,800)											
	6,800											