

104TH CONGRESS
1ST SESSION

H. R. 2059

To authorize appropriations to the National Aeronautics and Space Administration for human space flight, science, aeronautics, and technology, mission support, and Inspector General, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JULY 19, 1995

Mr. BROWN of California introduced the following bill; which was referred to the Committee on Science, and in addition to the Committee on the Budget, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To authorize appropriations to the National Aeronautics and Space Administration for human space flight, science, aeronautics, and technology, mission support, and Inspector General, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “National Aeronautics
5 and Space Administration Authorization Act, Fiscal Year
6 1996”.

1 **SEC. 2. FINDINGS.**

2 The Congress finds that—

3 (1) a balanced civil space program is a critical
4 element of the Nation’s investment in research and
5 development that needs to be maintained even as the
6 United States reduces its deficit;

7 (2) the National Aeronautics and Space Admin-
8 istration will require predictable and adequate fund-
9 ing over the next 5 years in order to carry out a bal-
10 anced program of initiatives in human space flight
11 and science, aeronautics, and technology;

12 (3) international cooperation can play a major
13 role in leveraging American investments in space ex-
14 ploration and utilization and should be encouraged;
15 and

16 (4) the National Aeronautics and Space Admin-
17 istration should continue its efforts to reduce insti-
18 tutional costs, through management restructuring,
19 facility consolidation when appropriate, procurement
20 reform, personnel base downsizing, and convergence
21 with other defense and private sector systems.

22 **SEC. 3. DEFINITION.**

23 For purposes of this Act, the term “Administrator”
24 means the Administrator of the National Aeronautics and
25 Space Administration.

1 **TITLE I—AUTHORIZATION OF**
2 **APPROPRIATIONS**
3 **Subtitle A—Authorizations**

4 **SEC. 101. HUMAN SPACE FLIGHT.**

5 (a) AUTHORIZATIONS.—There are authorized to be
6 appropriated to the National Aeronautics and Space Ad-
7 ministration for fiscal year 1996 for Human Space Flight
8 the following amounts:

9 (1) For the Space Station, \$1,833,600,000.

10 (2) For Russian Cooperation, \$129,200,000.

11 (3) For the Space Shuttle, \$3,171,800,000.

12 (4) For Payload and Utilization Operations,
13 \$315,000,000.

14 (b) CONSTRUCTION OF FACILITIES.—(1) Of the
15 funds authorized to be appropriated under subsection
16 (a)(1), \$14,800,000 are authorized for construction of a
17 Neutral Buoyancy Laboratory, Johnson Space Center.
18 The Administrator is authorized to exercise an option to
19 purchase, for not more than \$35,000,000, the Clear Lake
20 Development Facility, containing the Sonny Carter Train-
21 ing Facility and the approximately 13.7 acre parcel of land
22 on which it is located, using funds authorized by this Act.

23 (2) Of the funds authorized to be appropriated under
24 subsection (a)(3), \$7,500,000 are authorized for replace-

1 ment of the Chemical Analysis Facility, Kennedy Space
2 Center.

3 (3) Of the funds authorized to be appropriated under
4 subsection (a)(3), \$4,900,000 are authorized for replace-
5 ment of the Space Shuttle Main Engine Processing Facil-
6 ity, Kennedy Space Center.

7 (4) Of the funds authorized to be appropriated under
8 subsection (a)(3), \$5,000,000 are authorized for mod-
9 ernization of the Firex System, Pads A and B, Kennedy
10 Space Center.

11 **SEC. 102. SCIENCE, AERONAUTICS, AND TECHNOLOGY.**

12 (a) AUTHORIZATIONS.—There are authorized to be
13 appropriated to the National Aeronautics and Space Ad-
14 ministration for fiscal year 1996 for Science, Aeronautics,
15 and Technology the following amounts:

16 (1) For Space Science, \$1,972,400,000, of
17 which—

18 (A) \$1,154,600,000 are authorized for
19 Physics and Astronomy, including \$7,000,000
20 for the Space Infrared Telescope Facility,
21 \$28,700,000 for the Stratospheric Observatory
22 for Infrared Astronomy, and \$51,500,000 for
23 the Gravity Probe B Relativity Mission; and

1 (B) \$817,800,000 are authorized for Plan-
2 etary Exploration, including \$20,000,000 for
3 the New Millenium program.

4 (2) For Life and Microgravity Sciences and Ap-
5 plications, \$504,000,000.

6 (3) For Mission to Planet Earth,
7 \$1,287,460,000.

8 (4) For Space Access and Technology,
9 \$557,300,000, of which—

10 (A) \$59,000,000 are authorized for the
11 Reusable Launch Vehicle technology develop-
12 ment program, and, to the extent provided in
13 appropriations Acts, the Administrator may uti-
14 lize up to \$100,000,000 from funds otherwise
15 provided to the Department of Defense for the
16 Reusable Launch Vehicle;

17 (B) \$140,500,000 are authorized for
18 Spacecraft and Remote Sensing; and

19 (C) \$22,600,000 are authorized for the
20 Small Spacecraft Technology Initiative.

21 (5) For Aeronautical Research and Technology,
22 \$877,300,000, of which—

23 (A) \$354,700,000 are authorized for Re-
24 search and Technology Base activities;

1 (B) \$240,500,000 are authorized for High
2 Speed Research;

3 (C) \$163,400,000 are authorized for Ad-
4 vanced Subsonic Technology; and

5 (D) \$65,200,000 are authorized for High
6 Performance Computing and Communications.

7 (6) For Mission Communication Services,
8 \$461,300,000.

9 (7) For Academic Programs, \$102,200,000.

10 (b) CONSTRUCTION OF FACILITIES.—(1) Of the
11 funds authorized to be appropriated under subsection
12 (a)(2), \$3,000,000 are authorized for the construction of
13 an addition to the Microgravity Development Laboratory,
14 Marshall Space Flight Center.

15 (2) Of the funds authorized to be appropriated under
16 subsection (a)(3), \$17,000,000 are authorized for con-
17 struction of Earth Systems Science Building, Goddard
18 Space Flight Center.

19 (3) Of the funds authorized to be appropriated under
20 subsection (a)(5), \$5,400,000 are authorized for mod-
21 ernization of the Unitary Plan Wind Tunnel Complex,
22 Ames Research Center.

1 **SEC. 103. MISSION SUPPORT.**

2 There are authorized to be appropriated to the Na-
3 tional Aeronautics and Space Administration for fiscal
4 year 1996 for Mission Support the following amounts:

5 (1) For Safety, Reliability, and Quality Assur-
6 ance, \$37,600,000.

7 (2) For Space Communications Services,
8 \$299,400,000, of which \$175,800,000 are author-
9 ized for the Tracking and Data Relay Satellite Re-
10 plenishment program.

11 (3) For Research and Program Management,
12 including personnel and related costs, travel, and re-
13 search operations support, \$2,094,800.

14 (4) For Construction of Facilities, including
15 land acquisition, \$166,400,000, of which—

16 (A) \$6,300,000 are authorized for restora-
17 tion of Flight Systems Research Laboratory,
18 Ames Research Center;

19 (B) \$3,000,000 are authorized for restora-
20 tion of Chilled Water Distribution System, God-
21 dard Space Flight Center;

22 (C) \$4,800,000 are authorized for replace-
23 ment of Chillers, various buildings, Jet Propul-
24 sion Laboratory;

1 (D) \$1,100,000 are authorized for rehabili-
2 tation of Electrical Distribution System, White
3 Sands Test Facility, Johnson Space Center;

4 (E) \$4,200,000 are authorized for replace-
5 ment of Main Substation Switchgear and Cir-
6 cuit Breakers, Johnson Space Center;

7 (F) \$1,800,000 are authorized for replace-
8 ment of 15KV Load Break Switches, Kennedy
9 Space Center;

10 (G) \$9,000,000 are authorized for rehabili-
11 tation of Central Air Equipment Building,
12 Lewis Research Center;

13 (H) \$4,700,000 are authorized for restora-
14 tion of High Pressure Air Compressor System,
15 Marshall Space Flight Center;

16 (I) \$6,800,000 are authorized for restora-
17 tion of Information and Electronic Systems
18 Laboratory, Marshall Space Flight Center;

19 (J) \$1,400,000 are authorized for restora-
20 tion of Canal Lock, Stennis Space Center;

21 (K) \$2,500,000 are authorized for restora-
22 tion of Primary Electrical Distribution System,
23 Wallops Flight Facility;

1 (L) \$35,000,000 are authorized for repair
2 of facilities at various locations, not in excess of
3 \$1,500,000 per project;

4 (M) \$35,000,000 are authorized for reha-
5 bilitation and modification of facilities at var-
6 ious locations, not in excess of \$1,500,000 per
7 project;

8 (N) \$3,800,000 are authorized for minor
9 construction of new facilities and additions to
10 existing facilities at various locations, not in ex-
11 cess of \$1,500,000 per project;

12 (O) \$10,000,000 are authorized for facility
13 planning and design; and

14 (P) \$37,000,000 are authorized for envi-
15 ronmental compliance and restoration.

16 **SEC. 104. INSPECTOR GENERAL.**

17 There are authorized to be appropriated to the Na-
18 tional Aeronautics and Space Administration for fiscal
19 year 1996 for Inspector General, \$17,300,000.

20 **SEC. 105. TOTAL CONSTRUCTION OF FACILITIES AUTHOR-**
21 **IZATION.**

22 Notwithstanding any other provision of this title, the
23 total amount authorized to be appropriated under this Act
24 for Construction of Facilities shall not exceed
25 \$214,000,000.

1 **Subtitle B—Limitations and**
2 **Special Authority**

3 **SEC. 111. USE OF FUNDS FOR CONSTRUCTION.**

4 (a) **AUTHORIZED USES.**—Funds appropriated under
5 sections 101(a), 102(a), and 103 (1) and (2), and funds
6 appropriated for research operations support under sec-
7 tion 103(3), may be used for the construction of new fa-
8 cilities and additions to, repair of, rehabilitation of, or
9 modification of existing facilities at any location in support
10 of the purposes for which such funds are authorized.

11 (b) **LIMITATION.**—None of the funds used pursuant
12 to subsection (a) may be expended for a project, the esti-
13 mated cost of which to the National Aeronautics and
14 Space Administration, including collateral equipment, ex-
15 ceeds \$500,000, until 30 days have passed after the Ad-
16 ministrator has notified the Committee on Science of the
17 House of Representatives and the Committee on Com-
18 merce, Science, and Transportation of the Senate of the
19 nature, location, and estimated cost to the National Aero-
20 nautics and Space Administration of such project.

21 (c) **TITLE TO FACILITIES.**—If funds are used pursu-
22 ant to subsection (a) for grants to institutions of higher
23 education, or to nonprofit organizations whose primary
24 purpose is the conduct of scientific research, for purchase
25 or construction of additional research facilities, title to

1 such facilities shall be vested in the United States unless
2 the Administrator determines that the national program
3 of aeronautical and space activities will best be served by
4 vesting title in the grantee institution or organization.
5 Each such grant shall be made under such conditions as
6 the Administrator shall determine to be required to ensure
7 that the United States will receive therefrom the benefits
8 adequate to justify the making of that grant.

9 **SEC. 112. AVAILABILITY OF APPROPRIATED AMOUNTS.**

10 To the extent provided in appropriations Acts, appro-
11 priations authorized under subtitle A may remain avail-
12 able without fiscal year limitation.

13 **SEC. 113. REPROGRAMMING FOR CONSTRUCTION OF FA-**
14 **CILITIES.**

15 Appropriations authorized under section 101(b),
16 102(b), or 103(4)—

17 (1) may be varied upward by 10 percent at the
18 discretion of the Administrator; or

19 (2) may be varied upward by 25 percent, to
20 meet unusual cost variations, after the expiration of
21 30 days following a report on the circumstances of
22 such action by the Administrator to the Committee
23 on Science of the House of Representatives and the
24 Committee on Commerce, Science, and Transpor-
25 tation of the Senate.

1 The aggregate amount authorized to be appropriated
2 under sections 101(b), 102(b), and 103(4) shall not be
3 increased as a result of actions authorized under para-
4 graphs (1) and (2) of this section.

5 **SEC. 114. CONSIDERATION BY COMMITTEES.**

6 Notwithstanding any other provision of this Act—

7 (1) no amount appropriated to the National
8 Aeronautics and Space Administration may be used
9 for any program for which the President's annual
10 budget request included a request for funding, but
11 for which the Congress denied or did not provide
12 funding;

13 (2) no amount appropriated to the National
14 Aeronautics and Space Administration may be used
15 for any program in excess of the amount actually
16 authorized for the particular program by subtitle A;
17 and

18 (3) no amount appropriated to the National
19 Aeronautics and Space Administration may be used
20 for any program which has not been presented to
21 the Congress in the President's annual budget re-
22 quest or the supporting and ancillary documents
23 thereto,

24 unless a period of 30 days has passed after the receipt
25 by the Committee on Science of the House of Representa-

1 tives and the Committee on Commerce, Science, and
2 Transportation of the Senate of notice given by the Ad-
3 ministrator containing a full and complete statement of
4 the action proposed to be taken and the facts and cir-
5 cumstances relied upon in support of such proposed ac-
6 tion. The National Aeronautics and Space Administration
7 shall keep the Committee on Science of the House of Rep-
8 resentatives and the Committee on Commerce, Science,
9 and Transportation of the Senate fully and currently in-
10 formed with respect to all activities and responsibilities
11 within the jurisdiction of those committees. Except as oth-
12 erwise provided by law, any Federal department, agency,
13 or independent establishment shall furnish any informa-
14 tion requested by either committee relating to any such
15 activity or responsibility.

16 **SEC. 115. USE OF FUNDS FOR SCIENTIFIC CONSULTATIONS**
17 **OR EXTRAORDINARY EXPENSES.**

18 Funds appropriated under section 102 may be used,
19 but not to exceed \$35,000, for scientific consultations or
20 extraordinary expenses upon the authorization of the Ad-
21 ministrator.

1 **TITLE II—MISCELLANEOUS**
2 **PROVISIONS**

3 **SEC. 201. PURCHASE OF AIRBORNE INFRARED ASTRONOMY**
4 **DATA SERVICES.**

5 (a) **CONTRACT FOR SERVICES.**—The Administrator
6 is authorized to enter into multiyear contracts for the pur-
7 chase of services to provide infrared astronomical data by
8 airborne platforms. Such contracts may provide for the ac-
9 quisition of aircraft, instruments, support equipment, and
10 any capital items necessary to meet Government needs,
11 and further, the costs of such items may be amortized over
12 the life of the contract.

13 (b) **TERMINATION LIABILITY.**—Any contract entered
14 into pursuant to this section may provide for the payment
15 of contingent liability that may accrue in the event that
16 the Federal Government for its convenience terminates
17 such contracts. Payments made for such liability shall be
18 derived from appropriations for Science, Aeronautics, and
19 Technology which remain unobligated from any fiscal
20 year.

21 (c) **CALCULATION OF TRANSACTIONS.**—For the pur-
22 poses of the Balanced Budget and Emergency Deficit Con-
23 trol Act of 1985, the Congressional Budget Act of 1974,
24 the Budget Enforcement Act of 1990, and scorekeeping
25 guidelines, the Office of Management and Budget and the

1 Congressional Budget Office shall score any contract en-
2 tered into under this section in the same manner as if
3 the contract had been entered into on September 30,
4 1990.

5 **SEC. 202. FACILITIES CLOSING COMMISSION.**

6 (a) ESTABLISHMENT.—In the event that the total
7 amount of funds appropriated to the National Aeronautics
8 and Space Administration for fiscal year 1996 is less than
9 the amount authorized to be appropriated to the National
10 Aeronautics and Space Administration in this Act, there
11 shall be established an independent commission to be
12 known as the National Aeronautics and Space Administra-
13 tion Facilities Commission (hereafter referred to in this
14 section as the “Commission”). The Commission shall be
15 constituted and conduct its activities in accordance with
16 a plan provided to Congress by the President within 90
17 days after the date of the enactment of the Act making
18 such appropriations.

19 (b) PURPOSE.—The purpose of the Commission shall
20 be to make recommendations for the closure or reconfig-
21 uration of National Aeronautics and Space Administration
22 facilities, including research and operations Centers, re-
23 sulting in cost savings for the overall budget for such fa-
24 cilities.

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