

TO ENACT CERTAIN LAWS RELATING TO NATIONAL AND  
COMMERCIAL SPACE PROGRAMS AS TITLE 51, UNITED  
STATES CODE, “NATIONAL AND COMMERCIAL SPACE  
PROGRAMS”

NOVEMBER 2, 2009.—Referred to the House Calendar and ordered to be printed

Mr. CONYERS, from the Committee on the Judiciary,  
submitted the following

REPORT

[To accompany H.R. 3237]

[Including cost estimate of the Congressional Budget Office]

The Committee on the Judiciary, to whom was referred the bill (H.R. 3237) to enact certain laws relating to national and commercial space programs as title 51, United States Code, “National and Commercial Space Programs”, having considered the same, report favorably thereon and recommend that the bill do pass.

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## PURPOSE AND SUMMARY

H.R. 3237 would enact certain laws relating to national and commercial space programs as title 51, United States Code, “National and Commercial Space Programs”.

## BACKGROUND AND NEED FOR LEGISLATION

H.R. 3237 revises and restates certain laws relating to national and commercial space programs and re-enacts those laws as title 51, United States Code. The bill was prepared by the Office of the Law Revision Counsel of the House of Representatives, as part of its responsibility under 2 U.S.C. 285b to submit to the Committee on the Judiciary proposed bills to enact titles of the United States Code into positive law.

This bill has undergone extensive review in two previous Congresses. Predecessor bills to H.R. 3237 were introduced in the 109th and 110th Congresses — H.R. 3039 in the 109th, and H.R. 4780 in the 110th. This bill is substantially identical to H.R. 4780, with a few revisions to respond to comments received.

## CONFORMITY WITH ORIGINAL INTENT

In the drafting, the intent is to comply with the standard set forth in 2 U.S.C. 285b(1), that the restatement of existing law shall conform to “the understood policy, intent, and purpose of the Congress in the original enactments, with such amendments and corrections as will remove ambiguities, contradictions, and other imperfections . . . .”

In restating existing law, this bill consolidates various provisions of law which have been enacted separately over a period of many years, reorganizing them, conforming style and terminology, modernizing obsolete language, and correcting drafting errors. These changes are not intended to have substantive effect, or to impair in any way the precedential value of earlier judicial decisions or other interpretations.

This bill is intended to restate existing law without substantive change. That enactment of a bill such as this one does not make substantive change in the law, absent an unequivocal expression of Congressional intent to make such a change, has been repeatedly held in numerous cases, including the following:

*Finley v. United States*, 490 U.S. 545, 553–555 (1989).

*Cass v. United States*, 417 U.S. 72, 81–82 (1974).

*Tidewater Oil Co. v. U.S.*, 409 U.S. 151, 161–162 (1972).

*United States v. Cook*, 384 U.S. 257, 260 (1966).

*Fourco Glass Co. v. Transmirra Products Corp.*, 353 U.S. 222, 226–227 (1957).

*Washington–Dulles Transportation, Ltd. v. Metropolitan Washington Airports Authority*, 263 F.3d 371, 378–379 (4th Cir. 2001).

*Atchison, Topeka and Santa Fe Railway Co. v. United States*, 617 F.2d 485, 490–491 (7th Cir. 1980).

*Trailer Marine Transport Corp. v. Federal Maritime Commission*, 602 F.2d 379, 383 (D.C. Cir. 1979).

See also NORMAN J. SINGER, *SUTHERLAND STATUTORY CONSTRUCTION*, §§ 28.10, 28.11 (6th ed. 2002).

#### HEARINGS

No hearings were held on H.R. 3237.

#### COMMITTEE CONSIDERATION

On October 21, 2009, the Committee met in open session and ordered the bill, H.R. 3237, favorably reported, by voice vote, a quorum being present.

#### COMMITTEE VOTES

In compliance with clause 3(b) of rule XIII of the Rules of the House of Representatives, the Committee advises that there were no recorded votes during the Committee’s consideration of H.R. 3237.

#### COMMITTEE OVERSIGHT FINDINGS

In compliance with clause 3(c)(1) of rule XIII of the Rules of the House of Representatives, the Committee advises that the findings and recommendations of the Committee, based on oversight activities under clause 2(b)(1) of rule X of the Rules of the House of Representatives, are incorporated in the descriptive portions of this report.

#### NEW BUDGET AUTHORITY AND TAX EXPENDITURES

Clause 3(c)(2) of rule XIII of the Rules of the House of Representatives is inapplicable because this legislation does not provide new budget authority or increased tax expenditures.

## CONGRESSIONAL BUDGET OFFICE COST ESTIMATE

In compliance with clause 3(c)(3) of rule XIII of the Rules of the House of Representatives, the Committee sets forth, with respect to the bill, H.R. 3237, the following estimate and comparison prepared by the Director of the Congressional Budget Office under section 402 of the Congressional Budget Act of 1974:

U.S. CONGRESS,  
CONGRESSIONAL BUDGET OFFICE,  
*Washington, DC, October 30, 2009.*

Honorable JOHN CONYERS, JR.  
Chairman,  
Committee on the Judiciary,  
U.S. House of Representatives,  
Washington, DC 20515.

Dear Mr. Chairman:

The Congressional Budget Office has prepared the enclosed cost estimate for H.R. 3237, a bill to enact certain laws relating to national and commercial space programs as title 51, United States Code, "National and Commercial Space Programs."

If you wish further details on this estimate, we will be pleased to provide them. The CBO staff contact is Jeff LaFave, who can be reached at 226-2860.

Sincerely,  
Douglas W. Elmendorf

Enclosure  
cc: Honorable Lamar Smith  
Ranking Minority Member

*H.R. 3237—A bill to enact certain laws relating to national and commercial space programs as title 51, United States Code, "National and Commercial Space Programs"*

*As ordered reported by the House Committee on the Judiciary on October 21, 2009*

H.R. 3237 would codify certain laws relating to national and commercial space programs as title 51 of the United States Code. In restating existing law, the legislation would make technical changes to the law involving national and commercial space programs. CBO estimates that enacting H.R. 3237 would have no significant impact on the federal budget and would not affect direct spending or revenues.

H.R. 3237 contains no intergovernmental or private-sector mandates as defined in the Unfunded Mandates Reform Act and would impose no costs on state, local, or tribal governments.

The CBO staff contact for this estimate is Jeff LaFave. The estimate was approved by Theresa Gullo, Deputy Assistant Director for Budget Analysis.

## PERFORMANCE GOALS AND OBJECTIVES

The Committee states that pursuant to clause 3(c)(4) of rule XIII of the Rules of the House of Representatives, H.R. 3237 will revise and restate certain laws relating to national and commercial space programs, and re-enact those laws as title 51, United States Code.

## CONSTITUTIONAL AUTHORITY STATEMENT

Pursuant to clause 3(d)(1) of rule XIII of the Rules of the House of Representatives, the Committee finds the authority for this legislation in article I, section 8 of the Constitution.

## ADVISORY ON EARMARKS

In accordance with clause 9 of rule XXI of the Rules of the House of Representatives, H.R. 3237 does not contain any congressional earmarks, limited tax benefits, or limited tariff benefits as defined in clause 9(d), 9(e), or 9(f) of Rule XXI.

## DISPOSITION TABLE

This table shows a disposition for provisions affected by the bill.

Disposition Table

Former United States Code Section	Disposition
15 U.S.C. 1511e .....	51 U.S.C. 50702
15 U.S.C. 1535 .....	51 U.S.C. 50703
15 U.S.C. 5601 .....	Not repealed but omitted from text of title 51. Section 2 of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5601) provides findings related to land remote sensing policy.
15 U.S.C. 5602 .....	51 U.S.C. 60101
15 U.S.C. 5611 .....	51 U.S.C. 60111
15 U.S.C. 5612 .....	Repealed as obsolete. Section 102 of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5612) required the Landsat Program Management, subject to appropriations and only under certain existing contract authority, to expeditiously contract with a United States private sector entity for the development and delivery of Landsat 7.
15 U.S.C. 5613 .....	Repealed as obsolete. Section 103 of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5613) required the Landsat Program Management, within 30 days after October 28, 1992, to enter into negotiations with the Landsat 6 contractor with respect to unenhanced data for which the Landsat 6 contractor had responsibility under its contract. In the event such negotiations had not, by September 30, 1993, resulted in an agreement meeting certain specified goals, the Administrator of the National Aeronautics and Space Administration and the Secretary of Defense were jointly required to certify and report their determination of that fact to Congress, with a review of options, projected costs, and recommendations for achieving the specified goals.
15 U.S.C. 5614 .....	51 U.S.C. 60112

## Disposition Table—Continued

Former United States Code Section	Disposition
15 U.S.C. 5615(a), (b) .....	51 U.S.C. 60113
15 U.S.C. 5615(c) .....	Repealed as obsolete. Section 105(c) of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5615(c)) required the Landsat Program Management to develop and submit to Congress, not later than July 15, 1994, a report containing a Landsat 7 Data Policy Plan.
15 U.S.C. 5615(d) .....	Repealed as obsolete. Section 105(d) of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5615(d)) required the Landsat Program Management to submit reports to Congress providing justification for certain aspects of the Landsat 7 data policy. The first such report was required to be submitted not later than 12 months after submission of the Landsat 7 Data Policy Plan required by section 105(c) of the Act (15 U.S.C. 5615(c)). Thereafter, the reports were required to be submitted annually until the launch of Landsat 7, which occurred on April 15, 1999.
15 U.S.C. 5621 .....	51 U.S.C. 60121
15 U.S.C. 5622 .....	51 U.S.C. 60122
15 U.S.C. 5623 .....	51 U.S.C. 60123
15 U.S.C. 5624 .....	51 U.S.C. 60124
15 U.S.C. 5625 .....	51 U.S.C. 60125
15 U.S.C. 5631 .....	51 U.S.C. 60131
15 U.S.C. 5632 .....	51 U.S.C. 60132
15 U.S.C. 5633(a)–(e) .....	51 U.S.C. 60133
15 U.S.C. 5633(f) .....	Repealed as obsolete. Section 303(f) of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5633(f)) required the President to assess the progress of the technology demonstration program under section 303 of the Act (15 U.S.C. 5633) and submit a report to Congress within 2 years after October 28, 1992.
15 U.S.C. 5641(a) .....	Repealed as obsolete. Section 401(a) of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5641(a)) required, within 5 years after October 28, 1992, the Landsat Program Management, in consultation with representatives of appropriate United States Government agencies, to assess and report to Congress on options for a successor land remote sensing system to Landsat 7.
15 U.S.C. 5641(b), (c) .....	51 U.S.C. 60134
15 U.S.C. 5651 .....	51 U.S.C. 60141
15 U.S.C. 5652 .....	51 U.S.C. 60142
15 U.S.C. 5653 .....	51 U.S.C. 60143
15 U.S.C. 5654 .....	51 U.S.C. 60144
15 U.S.C. 5655 .....	51 U.S.C. 60145
15 U.S.C. 5656 .....	51 U.S.C. 60146
15 U.S.C. 5657 .....	51 U.S.C. 60147
15 U.S.C. 5658 .....	51 U.S.C. 60148
15 U.S.C. 5671 .....	51 U.S.C. 60161
15 U.S.C. 5672 .....	51 U.S.C. 60162
15 U.S.C. 5801 .....	Not repealed but omitted from text of title 51. Section 501 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1993 (15 U.S.C. 5801) provides findings related to national space competitiveness.
15 U.S.C. 5802 .....	51 U.S.C. 50501
15 U.S.C. 5803(a)–(c) .....	51 U.S.C. 50502
15 U.S.C. 5803(d) .....	Repealed as obsolete. Section 504(d) of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1993 (15 U.S.C. 5803(d)), required the Administrator of the National Aeronautics and Space Administration to conduct an ongoing review of the program established under section 504 of the Act (15 U.S.C. 5803) and report the results of the review to Congress not later than January 31, 1995.
15 U.S.C. 5804 .....	Previously repealed.

## Disposition Table—Continued

Former United States Code Section	Disposition
15 U.S.C. 5805 .....	Repealed as obsolete. Section 506 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1993 (15 U.S.C. 5805), required the Administrator of the National Aeronautics and Space Administration and the Secretary of Defense, as appropriate, in coordination with the Secretary of Transportation, to conduct an inventory and identify all launch support facilities owned by the United States Government. To the extent practicable, the Administrator and the Secretary of Defense were also required to identify launch support facilities which could be made available for use by non-Federal entities on a reimbursable basis without interfering with Federal activities. Not later than one year after November 4, 1992, the Administrator and the Secretary of Defense were each required to submit a report to Congress.
15 U.S.C. 5806 .....	51 U.S.C. 50503
15 U.S.C. 5807 .....	51 U.S.C. 50504
15 U.S.C. 5808 .....	51 U.S.C. 50506
42 U.S.C. 2451 .....	51 U.S.C. 20102
42 U.S.C. 2452 .....	51 U.S.C. 20103
42 U.S.C. 2453 .....	Repealed as obsolete. Section 302 of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2453) provided that the President, for a period of four years after July 29, 1958, was authorized to transfer to the National Aeronautics and Space Administration the functions of other Federal agencies that related primarily to the prescribed functions of the Administration.
42 U.S.C. 2454 .....	51 U.S.C. 20131
42 U.S.C. 2455(a) .....	51 U.S.C. 20132
42 U.S.C. 2455(b) .....	Not repealed but omitted from text of title 51. Section 304(b) of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2455(b)) provides that the Atomic Energy Commission may authorize its employees to permit any member, officer, or employee of the National Aeronautics and Space Council (and certain others) to have access to "Restricted Data" under certain circumstances. The Atomic Energy Commission was abolished and its functions were transferred by sections 104 and 201 of the Energy Reorganization Act of 1974 (42 U.S.C. 5814, 42 U.S.C. 5841). The National Aeronautics and Space Council (which was established under section 201(a) of the National Aeronautics and Space Act of 1958 (Public Law 85-568, 72 Stat. 427)), including the office of Executive Secretary of the Council, together with its functions, was abolished by section 3(a)(4) of Reorganization Plan No. 1 of 1973 (5 App. U.S.C.).
42 U.S.C. 2456 .....	51 U.S.C. 20133
42 U.S.C. 2456a .....	51 U.S.C. 20134
42 U.S.C. 2457 .....	51 U.S.C. 20135
42 U.S.C. 2458 .....	51 U.S.C. 20136
42 U.S.C. 2458a .....	51 U.S.C. 20137
42 U.S.C. 2458b .....	51 U.S.C. 20138
42 U.S.C. 2458c .....	51 U.S.C. 20139
42 U.S.C. 2459 .....	51 U.S.C. 20140
42 U.S.C. 2459a .....	Not repealed but omitted from text of title 51. Section 202 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1993 (42 U.S.C. 2459a), provides that certain appropriations authorized under the Act may remain available until expended and that certain contracts may be entered into for training, investigations, and costs associated with personnel relocation and for other services provided during the fiscal year following the fiscal year in which funds are appropriated.
42 U.S.C. 2459b .....	51 U.S.C. 20141

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 2459c .....	51 U.S.C. 20142
42 U.S.C. 2459d .....	51 U.S.C. 30301
42 U.S.C. 2459e .....	51 U.S.C. 30302
42 U.S.C. 2459f .....	51 U.S.C. 20143
42 U.S.C. 2459f-1 .....	51 U.S.C. 20144
42 U.S.C. 2459g .....	51 U.S.C. 30307
42 U.S.C. 2459h .....	51 U.S.C. 30308(b)
42 U.S.C. 2459i .....	51 U.S.C. 30102
42 U.S.C. 2459j .....	51 U.S.C. 20145
42 U.S.C. 2459k .....	51 U.S.C. 20146
42 U.S.C. 2459l .....	51 U.S.C. 20147
42 U.S.C. 2460 .....	51 U.S.C. 30101
42 U.S.C. 2461 .....	51 U.S.C. 30901
42 U.S.C. 2462 .....	Previously repealed.
42 U.S.C. 2463 .....	51 U.S.C. 30303
42 U.S.C. 2464 .....	51 U.S.C. 70101
42 U.S.C. 2464a .....	Not repealed but omitted from text of title 51. Section 8111 of the Department of Defense Appropriations Act, 1986 (42 U.S.C. 2464a), provides, in fiscal year 1986, that the Secretary of Defense and the Administrator of the National Aeronautics and Space Administration jointly determine which payloads are to be launched on Titan II launch vehicles, with certifications to Congress required regarding cost effectiveness and possible waivers.
42 U.S.C. 2465 .....	Previously repealed.
42 U.S.C. 2465a(a) .....	51 U.S.C. 70102(a)
42 U.S.C. 2465a(b) .....	Repealed as obsolete. Section 112(b) of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1991 (42 U.S.C. 2465a(b)), required the Administrator of the National Aeronautics and Space Administration, within six months after November 16, 1990, to submit a report to Congress setting forth a plan to implement the policy described in subsection (a)(1) of the section.
42 U.S.C. 2465a(c) .....	51 U.S.C. 70102(b)
42 U.S.C. 2465a(d) .....	51 U.S.C. 70102(c)
42 U.S.C. 2465b .....	Previously repealed.
42 U.S.C. 2465c .....	51 U.S.C. 70103(a)
42 U.S.C. 2465d .....	Previously repealed.
42 U.S.C. 2465e .....	Previously repealed.
42 U.S.C. 2465f .....	51 U.S.C. 70103(b)
42 U.S.C. 2466 .....	51 U.S.C. 70301
42 U.S.C. 2466a .....	51 U.S.C. 70302
42 U.S.C. 2466b .....	51 U.S.C. 70303
42 U.S.C. 2466c .....	51 U.S.C. 70304
42 U.S.C. 2467 .....	51 U.S.C. 40901
42 U.S.C. 2467a .....	51 U.S.C. 40902
42 U.S.C. 2467b(a) .....	51 U.S.C. 40903(b)
42 U.S.C. 2467b(b) .....	51 U.S.C. 40903(c)
42 U.S.C. 2467b(c) .....	51 U.S.C. 40903(a)
42 U.S.C. 2471 (prior) .....	Repealed as obsolete. Section 201 of the National Aeronautics and Space Act of 1958, which was classified to a prior 42 U.S.C. 2471, established the National Aeronautics and Space Council. The provision is obsolete because section 3(a)(4) of Reorganization Plan No. 1 of 1973 (5 App. U.S.C.) abolished the National Aeronautics and Space Council, including the office of Executive Secretary of the Council, together with its functions, effective July 1, 1973.
42 U.S.C. 2471 .....	Not repealed but omitted from text of title 51. Section 501 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1989 (42 U.S.C. 2471), provides for establishment of the National Space Council. The National Space Council has not functioned or been staffed since 1993.



## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 2471a .....	Not repealed but omitted from text of title 51. Section 121 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1991 (42 U.S.C. 2471a), provides that the National Space Council (see item for 42 U.S.C. 2471 in this table) shall establish a Users' Advisory Group. The National Space Council has not functioned or been staffed since 1993.
42 U.S.C. 2472 .....	51 U.S.C. 20111
42 U.S.C. 2473(a), (b) .....	51 U.S.C. 20112
42 U.S.C. 2473(c) .....	51 U.S.C. 20113
42 U.S.C. 2473a .....	Previously repealed.
42 U.S.C. 2473b (1st par.) .....	51 U.S.C. 30304
42 U.S.C. 2473b (last par.) .....	Repealed as obsolete. The last paragraph under the heading "Small and Disadvantaged Business", at 103 Stat. 864, in the Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies Appropriations Act, 1990 (42 U.S.C. 2473b (last par.)), required the Administrator of the National Aeronautics and Space Administration to submit, within one year from November 9, 1989, a plan describing the process to be followed to achieve the goal prescribed in the first paragraph under that heading in that Act (42 U.S.C. 2473b (1st par.)).
42 U.S.C. 2473c(a) .....	Repealed as unnecessary. Section 21(a) of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1992 (42 U.S.C. 2473c(a)), provided a short title for section 21 of the Act (42 U.S.C. 2473c).
42 U.S.C. 2473c(b) .....	Not repealed but omitted from text of title 51. Section 21(b) of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1992 (42 U.S.C. 2473c(b)) provides findings related to alcohol abuse, illegal drug use, the effectiveness of testing programs as a deterrent, and the ability to establish programs with adequate safeguards to protect the privacy of individuals being tested.
42 U.S.C. 2473c(c)–(h) .....	51 U.S.C. 31102
42 U.S.C. 2473d .....	51 U.S.C. 30309
42 U.S.C. 2473e .....	Previously repealed.
42 U.S.C. 2474(a) .....	Repealed as obsolete. Section 204(a) of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2474(a)) established the Civilian-Military Liaison Committee. The Committee was abolished and its functions, together with the functions of its chairman and other officers, were transferred to the President of the United States by sections 1(e) and 3(a) of Reorganization Plan No. 4 of 1965 (5 App. U.S.C.).
42 U.S.C. 2474(b) .....	51 U.S.C. 20114(a)
42 U.S.C. 2474(c) .....	51 U.S.C. 20114(b)
42 U.S.C. 2474(d) .....	Repealed as obsolete. Section 204(d) of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2474(d)) provided that an active or retired officer of the Army, Navy, or Air Force could serve as Chairman of the Civilian-Military Liaison Committee established by section 204(a) of the Act (42 U.S.C. 2474(a)). The Committee was abolished. See item for 42 U.S.C. 2474(a) in this table.
42 U.S.C. 2475 .....	51 U.S.C. 20115
42 U.S.C. 2475a(a) .....	51 U.S.C. 30701(a)
42 U.S.C. 2475a(b) .....	51 U.S.C. 30701(b)(2)
42 U.S.C. 2475b .....	51 U.S.C. 30702
42 U.S.C. 2476 .....	51 U.S.C. 20116
42 U.S.C. 2476a .....	51 U.S.C. 20117

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 2476b .....	Repealed as obsolete. Section 208 of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2476b) authorized the Administrator of the National Aeronautics and Space Administration to accept gifts and donations of services, money, and property to be used for construction of a space shuttle orbiter. The authority of the Administrator to accept gifts or donations terminated five years after October 30, 1987.
42 U.S.C. 2477 .....	51 U.S.C. 31101
42 U.S.C. 2481 .....	51 U.S.C. 20161
42 U.S.C. 2482 .....	51 U.S.C. 20162
42 U.S.C. 2483 .....	51 U.S.C. 20163
42 U.S.C. 2484 .....	51 U.S.C. 20164
42 U.S.C. 2486 .....	Not repealed but omitted from text of title 51. Section 202 of the National Space Grant College and Fellowship Act (42 U.S.C. 2486) provides findings related to the national space grant college and fellowship program of the National Aeronautics and Space Administration.
42 U.S.C. 2486a .....	51 U.S.C. 40301
42 U.S.C. 2486b .....	51 U.S.C. 40302
42 U.S.C. 2486c .....	51 U.S.C. 40303
42 U.S.C. 2486d .....	51 U.S.C. 40304
42 U.S.C. 2486e .....	51 U.S.C. 40305
42 U.S.C. 2486f .....	51 U.S.C. 40306
42 U.S.C. 2486g .....	51 U.S.C. 40307
42 U.S.C. 2486h .....	51 U.S.C. 40308
42 U.S.C. 2486i .....	51 U.S.C. 40309
42 U.S.C. 2486j .....	Previously repealed.
42 U.S.C. 2486k .....	51 U.S.C. 40310
42 U.S.C. 2486l .....	Repealed as obsolete. Section 214 of the National Space Grant College and Fellowship Act (42 U.S.C. 2486l) authorized appropriations for fiscal years 1988, 1989, 1990, and 1991.
42 U.S.C. 2487 .....	Not repealed but omitted from text of title 51. Section 601 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1993 (42 U.S.C. 2487) provides findings related to biomedical research in space.
42 U.S.C. 2487a .....	51 U.S.C. 40501
42 U.S.C. 2487b .....	51 U.S.C. 40502
42 U.S.C. 2487c .....	51 U.S.C. 40503
42 U.S.C. 2487d .....	Previously repealed.
42 U.S.C. 2487e .....	51 U.S.C. 40504
42 U.S.C. 2487f .....	51 U.S.C. 40505
42 U.S.C. 2487g .....	Repealed as obsolete. Section 608 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1993 (42 U.S.C. 2487g), provided that the Administrator of the National Aeronautics and Space Administration should ensure that up to \$3,750,000 from the appropriations authorized for "Research and Development" for fiscal year 1993 were also used to carry out title VI of the Act.
42 U.S.C. 14701 .....	51 U.S.C. 50101
42 U.S.C. 14711(a) .....	51 U.S.C. 50111(a)
42 U.S.C. 14711(b) .....	Repealed as obsolete. Section 101(b) of the Commercial Space Act of 1998 (42 U.S.C. 14711(b)) required the Administrator of the National Aeronautics and Space Administration to deliver various studies and reports to Congress. The last report was required to be delivered no later than the submission of the President's annual budget request for fiscal year 2000.
42 U.S.C. 14712(a) .....	Not repealed but omitted from text of title 51. Section 104(a) of the Commercial Space Act of 1998 (42 U.S.C. 14712(a)) provided findings related to the Global Positioning System as an essential element in civil, scientific, and military space development.

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 14712(b) .....	51 U.S.C. 50112
42 U.S.C. 14713 .....	51 U.S.C. 50113
42 U.S.C. 14714 .....	51 U.S.C. 50114
42 U.S.C. 14715(a) .....	51 U.S.C. 50115(a)
42 U.S.C. 14715(b) .....	51 U.S.C. 50115(b)
42 U.S.C. 14715(c) .....	Repealed as obsolete. Section 107(c) of the Commercial Space Act of 1998 (42 U.S.C. 14715(c)) required the Administrator of the National Aeronautics and Space Administration to conduct a study to determine the extent to which the baseline scientific requirements of Earth science can be met by commercial providers. The results of the study were required to be transmitted to Congress within six months after October 28, 1998.
42 U.S.C. 14715(d) .....	51 U.S.C. 50115(c)
42 U.S.C. 14715(e) .....	51 U.S.C. 50115(d)
42 U.S.C. 14731 .....	51 U.S.C. 50131
42 U.S.C. 14732 .....	51 U.S.C. 50132
42 U.S.C. 14733(a) .....	51 U.S.C. 50133
42 U.S.C. 14733(b), (c) .....	Repealed as obsolete. Section 204(b) of the Commercial Space Act of 1998 (42 U.S.C. 14733(b)) required the Administrator of the National Aeronautics and Space Administration to conduct a study of the feasibility of implementing the recommendation of the Independent Shuttle Management Review Team that the National Aeronautics and Space Administration transition toward the privatization of the Space Shuttle. Section 204(c) of the Act (42 U.S.C. 14733(c)) required that, within 60 days after October 28, 1998, the National Aeronautics and Space Administration complete the study and submit a report to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science and Technology of the House of Representatives.
42 U.S.C. 14734 .....	51 U.S.C. 50134
42 U.S.C. 14735 .....	Repealed as obsolete. Section 206 of the Commercial Space Act of 1998 (42 U.S.C. 14735) required the Secretary of Defense, in consultation with the Administrator of the National Aeronautics and Space Administration and others, to prepare and submit to certain committees of Congress a report related to national launch capabilities. The report was to be submitted no later than 180 days after October 28, 1998. The report was to access the total potential space missions expected to be conducted from the date of the report through December 31, 2007, and identify potential resource deficiencies. Based on the report, recommendations related to national launch capabilities were to be made by the Secretary of Defense, after consultation with certain Federal, State, and local officials and representatives from the private sector.
42 U.S.C. 14751 .....	Not repealed but omitted from text of title 51. Section 902 of the Commercial Reusable In-Space Transportation Act of 2002 (42 U.S.C. 14751) provides findings related to the need for development of commercial reusable in-space transportation systems.
42 U.S.C. 14752 .....	51 U.S.C. 50302
42 U.S.C. 14753 .....	51 U.S.C. 50301
42 U.S.C. 16601 .....	Not repealed but omitted from text of title 51. Section 2 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16601) provides definitions applicable in the Act.
42 U.S.C. 16611(a) .....	51 U.S.C. 20301
42 U.S.C. 16611(b) .....	51 U.S.C. 20302

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16611(c) .....	Not repealed but omitted from text of title 51. Section 101(c) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16611(c)) provides that the President shall develop a national policy to guide aeronautics research and development programs through 2020. Not later than 1 year after December 30, 2005, the policy is to be transmitted to the Committee on Appropriations of the House of Representatives, the Committee on Appropriations of the Senate, the Committee on Science and Technology of the House of Representatives, and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16611(d) .....	Not repealed but omitted from text of title 51. Section 101(d) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16611(d)) provides that the Administrator of the National Aeronautics and Space Administration shall develop a plan to guide the science programs of the Administration through 2016. Not later than 1 year after December 30, 2005, the plan is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16611(e) .....	Not repealed but omitted from text of title 51. Section 101(e) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16611(e)) provides that the Administrator of the National Aeronautics and Space Administration shall develop a plan for managing the facilities of the Administration through 2015. Not later than the date on which the President submits the proposed budget for the Federal Government for fiscal year 2008 to Congress, the plan is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16611(f) .....	Not repealed but omitted from text of title 51. Section 101(f) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16611(f)) provides that the Administrator of the National Aeronautics and Space Administration shall develop a human capital strategy to ensure that the Administration has a workforce of the appropriate size and with the appropriate skills to carry out its programs through 2011. Not later than 60 days after the date on which the President submits the proposed budget for the Federal Government for fiscal year 2007 to Congress, the strategy is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16611(g) .....	Not repealed but omitted from text of title 51. Section 101(g) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16611(g)) provides that the Administrator of the National Aeronautics and Space Administration shall conduct a study to determine whether any of the Administration's centers should be operated by or with the private sector by converting a center to a Federally Funded Research and Development Center or through any other mechanism. Not later than May 31, 2006, the study is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16611(h)(1) .....	51 U.S.C. 30103(a)

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16611(h)(2) .....	Not repealed but omitted from text of title 51. Section 101(h)(2) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16611(h)(2)) provides that it is the sense of Congress that each budget submitted to Congress should be evaluated for compliance with the findings and priorities established by the Act and the amendments made by the Act.
42 U.S.C. 16611(i) .....	51 U.S.C. 30103(b)
42 U.S.C. 16611(j) .....	Not repealed but omitted from text of title 51. Section 101(j) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16611(j)) provides that the Director of the Office of Science and Technology Policy shall commission an independent review of the Nation's long-term strategic needs for aeronautics test facilities and shall submit the review to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate. In addition, the Administrator of the National Aeronautics and Space Administration is prohibited from closing or mothballing certain aeronautics test facilities until certain conditions are met.
42 U.S.C. 16611a(a) .....	51 U.S.C. 20303(a)
42 U.S.C. 16611a(b) .....	51 U.S.C. 20303(b)
42 U.S.C. 16611a(c) .....	51 U.S.C. 20303(c)
42 U.S.C. 16611a(d) .....	Not repealed but omitted from text of title 51. Section 2001(d) of the America COMPETES Act (42 U.S.C. 16611a(d)) provides a sense of Congress related to authorized funding levels enabling the National Aeronautics and Space Administration to contribute significantly to innovation in the United States and undertake related activities.
42 U.S.C. 16611a(e) .....	51 U.S.C. 20303(d)
42 U.S.C. 16611a(f) .....	Not repealed but omitted from text of title 51. Section 2001(f) of the America COMPETES Act (42 U.S.C. 16611a(f)) provides that not later than 1 year after August 9, 2007, the Administrator of the National Aeronautics and Space Administration shall submit to Congress a report on a plan for instituting assessments of the effectiveness of the National Aeronautics and Space Administration's science, technology, engineering, and mathematics education programs in improving student achievement.
42 U.S.C. 16611b .....	51 U.S.C. 30103(c)
42 U.S.C. 16611b note (Public Law 111–8, div. B, title III, (3d proviso in par. under heading “Cross Agency Support”, at 123 Stat. 589)).	51 U.S.C. 30103(d)
42 U.S.C. 16612 .....	Not repealed but omitted from text of title 51. Section 102 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16612) provides that certain actions are to be taken and reports are to be transmitted in 2006, 2007, and 2008 to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16613 .....	51 U.S.C. 30104
42 U.S.C. 16614 .....	51 U.S.C. 30703
42 U.S.C. 16615 .....	51 U.S.C. 30501

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16616 .....	Not repealed but omitted from text of title 51. Section 108 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16616) provides that the Administrator of the National Aeronautics and Space Administration shall develop a commercialization plan to support the human missions to the Moon and Mars, to support low-Earth orbit activities and Earth science missions and applications, and to transfer science research and technology to society. Not later than 180 days after December 30, 2005, the plan is to be submitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16617 .....	Not repealed but omitted from text of title 51. Section 109 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16617) provides that the Administrator of the National Aeronautics and Space Administration shall conduct a feasibility study on the use of ground source heat pumps in future Administration facilities or substantial renovation of existing Administration facilities involving the installation of heating, ventilating, and air conditioning systems. Not later than 1 year after December 30, 2005, the study is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16618 .....	51 U.S.C. 30502
42 U.S.C. 16631 .....	Repealed as obsolete. Section 202 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16631) authorized appropriations for fiscal year 2007.
42 U.S.C. 16632 .....	Repealed as obsolete. Section 203 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16632) authorized appropriations for fiscal year 2008.
42 U.S.C. 16633 .....	51 U.S.C. 70902
42 U.S.C. 16634 .....	51 U.S.C. 50505
42 U.S.C. 16635 .....	Not repealed but omitted from text of title 51. Section 206 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16635) provides that amounts appropriated pursuant to the Act may be used, but not to exceed a total of \$70,000 in any fiscal year, for official reception and representation expenses.
42 U.S.C. 16636 .....	Not repealed but omitted from text of title 51. Section 207 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16636) provides that the Administrator of the National Aeronautics and Space Administration shall transmit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report providing the current expected development costs of the International Space Station and certain related matters. Thirty days after transmittal of the report, section 202 of the National Aeronautics and Space Administration Act of 2000 (42 U.S.C. 2451 note) is repealed.
42 U.S.C. 16651 .....	51 U.S.C. 30503

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16652 .....	Not repealed but omitted from text of title 51. Section 302 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16652) provides the sense of Congress with respect to the Hubble Space Telescope and certain related matters. Not later than 60 days after the landing of the second space shuttle mission for return-to-flight certification, a status report on plans for a Hubble Space Telescope servicing mission is to be transmitted by the Administrator of the National Aeronautics and Space Administration to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16653 .....	Not repealed but omitted from text of title 51. Section 303 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16653) provides that the Administrator of the National Aeronautics and Space Administration shall seek an independent assessment of the costs as well as the technical, cost, and schedule risks associated with incorporating the Landsat instrument on the first National Polar-Orbiting Operational Environmental Satellite System spacecraft compared with undertaking various alternatives. Not later than 180 days after December 30, 2005, the independent assessment is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate. Under certain conditions alternative reports are required.
42 U.S.C. 16654(a) (matter before par. (1)) .....	51 U.S.C. 30504(a)
42 U.S.C. 16654(a)(1) .....	Not repealed but omitted from text of title 51. Section 304(a)(1) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16654(a)(1)) provides that not later than 60 days after December 30, 2005, the Administrator of the National Aeronautics and Space Administration shall carry out an assessment under section 304 of the Act for certain missions.
42 U.S.C. 16654(a)(2) .....	51 U.S.C. 30504(b)
42 U.S.C. 16654(b) .....	Not repealed but omitted from text of title 51. Section 304(b) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16654(b)) provides that not later than 30 days after completing each assessment required by section 304(a)(1) of the Act (42 U.S.C. 16654(a)(1)), the Administrator shall transmit a report on the assessment to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16655(1) .....	Not repealed but omitted from text of title 51. Section 305(1) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16655(1)) provides that the Administrator of the National Aeronautics and Space Administration shall transmit the report required by section 506 of the Act. Section 506(3) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16766(3)) provides that the Administrator of the National Aeronautics and Space Administration shall, not later than 90 days after December 30, 2005, submit to certain committees of Congress the research plan for utilization and proposed final configuration of the International Space Station.
42 U.S.C. 16655(2), (3) .....	51 U.S.C. 40904
42 U.S.C. 16656 .....	51 U.S.C. 60505

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16657 .....	Not repealed but omitted from text of title 51. Section 307 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16657) provides that the Administrator of the National Aeronautics and Space Administration shall review the policies, processes, and procedures in the planning and management of applications research and development implemented in calendar years 2001 to 2005 within the Headquarters Earth-Sun System Applied Sciences Program and former Earth Science Applications Program. Not later than 1 year after December 30, 2005, a report describing the results of the review is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16658 .....	51 U.S.C. 20304
42 U.S.C. 16671 .....	51 U.S.C. 60301
42 U.S.C. 16672 .....	51 U.S.C. 60302
42 U.S.C. 16673 .....	51 U.S.C. 60303
42 U.S.C. 16674 .....	51 U.S.C. 60304
42 U.S.C. 16675 .....	51 U.S.C. 60305
42 U.S.C. 16676 .....	51 U.S.C. 60306
42 U.S.C. 16691 .....	Not repealed but omitted from text of title 51. The George E. Brown, Jr. Near-Earth Object Survey Act, which consists of section 321 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16691), provides that the Administrator of the National Aeronautics and Space Administration shall plan, develop, and implement a Near-Earth Object Survey program. Not later than 1 year after December 30, 2005, an initial report is to be transmitted to Congress. Not later than February 28 of the fifth year after December 30, 2005, an additional report is to be transmitted to Congress.
42 U.S.C. 16701 .....	51 U.S.C. 40101
42 U.S.C. 16711 .....	51 U.S.C. 40102
42 U.S.C. 16712(a) .....	Not repealed but omitted from text of title 51. Section 2002(a) of the America COMPETES Act (42 U.S.C. 16712(a)) provides a sense of Congress related to the aeronautics research and development programs of the National Aeronautics and Space Administration.
42 U.S.C. 16712(b) .....	51 U.S.C. 40103
42 U.S.C. 16721(a), (b) .....	51 U.S.C. 40111
42 U.S.C. 16721(c), (d) .....	Repealed as obsolete. Section 421(c) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16721(c)) required the Administrator of the National Aeronautics and Space Administration to enter into an arrangement with the National Research Council for an assessment of the Nation's future requirements for fundamental aeronautics research. Section 421(d) of the Act (42 U.S.C. 16721(d)) required the assessment, along with the National Aeronautics and Space Administration's response to the assessment, to be transmitted to Congress no later than 2 years after December 30, 2005.
42 U.S.C. 16722(a) .....	51 U.S.C. 40701
42 U.S.C. 16722(b) .....	51 U.S.C. 40112(a)
42 U.S.C. 16722(c) .....	51 U.S.C. 40112(b)
42 U.S.C. 16722(d) .....	51 U.S.C. 40112(c)
42 U.S.C. 16722(e) .....	51 U.S.C. 40112(d)
42 U.S.C. 16722(f) .....	51 U.S.C. 40112(e)
42 U.S.C. 16722(g) .....	51 U.S.C. 40112(f)
42 U.S.C. 16723 .....	51 U.S.C. 40113
42 U.S.C. 16724 .....	51 U.S.C. 40114
42 U.S.C. 16725 .....	51 U.S.C. 40115



## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16726 .....	Repealed as obsolete. Section 426 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16726) required the Administrator of the National Aeronautics and Space Administration to enter into an arrangement with the National Research Council for an assessment of Federal wake turbulence research and development programs. A report containing results of the assessment was required to be provided to Congress no later than 2 years after December 30, 2005.
42 U.S.C. 16727 .....	51 U.S.C. 40116
42 U.S.C. 16741 .....	51 U.S.C. 40131
42 U.S.C. 16751 .....	51 U.S.C. 40141
42 U.S.C. 16761(a) .....	51 U.S.C. 70501(a)
42 U.S.C. 16761(b) .....	51 U.S.C. 70501(b)
42 U.S.C. 16761(c) .....	Not repealed but omitted from text of title 51. Section 501(c) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16761(c)), as amended by section 611(a) of the National Aeronautics and Space Administration Authorization Act of 2008 (Public Law 110-422, 122 Stat. 4796), provides that the Administrator of the National Aeronautics and Space Administration shall, not later than 90 days after October 15, 2008, submit to certain committees of Congress a report related to the lack of a United States human space flight system to replace the Space Shuttle upon its planned retirement.
42 U.S.C. 16762 .....	Not repealed but omitted from text of title 51. Section 502 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16762) provides that the Administrator of the National Aeronautics and Space Administration shall, to the fullest extent possible consistent with a successful development program, use the personnel, capabilities, assets, and infrastructure of the space shuttle program in developing the Crew Exploration Vehicle, Crew Launch Vehicle, and a heavy-lift launch vehicle. Not later than 180 days after December 30, 2005, a plan describing how the National Aeronautics and Space Administration will proceed with its human space flight programs is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate. Not later than March 31, 2006, a transition plan for certain Federal and contractor personnel engaged in the space shuttle program is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16763 .....	51 U.S.C. 70502
42 U.S.C. 16764 .....	51 U.S.C. 70503
42 U.S.C. 16765 .....	51 U.S.C. 70904
42 U.S.C. 16766(1), (2) .....	51 U.S.C. 70903
42 U.S.C. 16766(3) .....	Not repealed but omitted from text of title 51. Section 506(3) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16766(3)) provides that the Administrator of the National Aeronautics and Space Administration shall, not later than 90 days after December 30, 2005, submit to certain committees of Congress the research plan for utilization and proposed final configuration of the International Space Station.
42 U.S.C. 16767(a) .....	51 U.S.C. 70905(b)
42 U.S.C. 16767(b) .....	51 U.S.C. 70905(c)

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16767(c) .....	Not repealed but omitted from text of title 51. Section 507(c) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16767(c)) provides that the Administrator of the National Aeronautics and Space Administration shall, not later than one year after December 30, 2005, transmit to certain committees of Congress a plan describing how the national laboratory (i.e., the United States segment of the International Space Station) will be operated.
42 U.S.C. 16767(d) .....	51 U.S.C. 70905(a)
42 U.S.C. 16781 .....	51 U.S.C. 31501
42 U.S.C. 16782 .....	Not repealed but omitted from text of title 51. Section 602 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16782) provides that the Administrator of the National Aeronautics and Space Administration is encouraged to provide the capabilities to support secondary payload flight opportunities on United States launch vehicles, or free flyers, for satellites or scientific payloads weighing less than 500 kilograms. In addition, the Administrator of the National Aeronautics and Space Administration is required to initiate a feasibility study for designating a National Free Flyer Launch Coordination Center as a means of coordinating, consolidating, and integrating secondary launch capabilities, launch opportunities, and payloads.
42 U.S.C. 16791 .....	51 U.S.C. 40905
42 U.S.C. 16792 .....	51 U.S.C. 30902
42 U.S.C. 16793 .....	Not repealed but omitted from text of title 51. Section 614 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16793) provides that the Administrator of the National Aeronautics and Space Administration shall enter into an arrangement with the National Research Council of the National Academy of Sciences to conduct a review and evaluation of the National Aeronautics and Space Administration's precollege science, technology, and mathematics education program. Not later than 18 months after December 30, 2005, the results of the review and evaluation are to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16794 .....	51 U.S.C. 40906
42 U.S.C. 16795 .....	51 U.S.C. 40907
42 U.S.C. 16796 .....	Not repealed but omitted from text of title 51. Section 617 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16796) provides that the Administrator of the National Aeronautics and Space Administration shall transmit a report to Congress on the legal status of the Motivating Undergraduates in Science and Technology program and implement the program if the report concludes that the program is in compliance with the laws of the United States.
42 U.S.C. 16797 .....	51 U.S.C. 40908
42 U.S.C. 16798(a) .....	Not repealed but omitted from text of title 51. Section 619(a) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16798(a)) provides that not more than 180 days after December 30, 2005, the Administrator of the National Aeronautics and Space Administration shall transmit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report describing action taken by the National Aeronautics and Space Administration to implement the recommendations contained in Government Accountability Office Report No. 04–639.

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16798(b) .....	51 U.S.C. 40909
42 U.S.C. 16811 .....	51 U.S.C. 50116
42 U.S.C. 16821 .....	51 U.S.C. 30306
42 U.S.C. 16822 .....	51 U.S.C. 31301
42 U.S.C. 16823 .....	51 U.S.C. 30704
42 U.S.C. 16824 .....	Not repealed but omitted from text of title 51. Section 710 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16824) provides that not later than one year after December 30, 2005, the Comptroller General shall transmit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a review of the National Aeronautics and Space Administration's enhanced use leasing pilot program established by section 315 of the National Aeronautics and Space Administration Act of 1958 (42 U.S.C. 2459j).
42 U.S.C. 16831 .....	Not repealed but omitted from text of title 51. Section 721 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16831) provides that the National Science Foundation shall continue to collect statistically reliable data on the field of degree of college-educated individuals to fulfill certain statutory obligations, but if the Director of the National Science Foundation determines that there is a legal impediment to the continued collection of this data, the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate are to be informed not later than 180 days after December 30, 2005.
42 U.S.C. 16832(a) .....	Not repealed but omitted from text of title 51. Section 722(a) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16832(a)) provides that the Director of the National Science Foundation shall charge the Mathematical and Physical Sciences Advisory Committee with conducting a review of the astronomical facilities supported by the Foundation to determine the appropriate balance between supporting the operation of existing facilities and supporting the design, development, and eventual operation of new facilities. No later than June 30, 2006, the review is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16832(b) .....	Not repealed but omitted from text of title 51. Section 722(b) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16832(b)) provides that the Director of the National Science Foundation shall develop a plan to facilitate more thorough design and development of facilities that can be considered for funding through the Major Research Equipment and Facilities Construction account. No later than June 30, 2006, the plan is to be transmitted to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.
42 U.S.C. 16841 .....	51 U.S.C. 70701
42 U.S.C. 16842 .....	51 U.S.C. 70702
42 U.S.C. 16843 .....	51 U.S.C. 70703
42 U.S.C. 16844 .....	51 U.S.C. 70704
42 U.S.C. 16845 .....	51 U.S.C. 70705
42 U.S.C. 16846 .....	51 U.S.C. 70706
42 U.S.C. 16847 .....	51 U.S.C. 70707
42 U.S.C. 16848 .....	51 U.S.C. 70708
42 U.S.C. 16849 .....	51 U.S.C. 70709

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 16850 .....	51 U.S.C. 70710
42 U.S.C. 17701 .....	Not repealed but omitted from text of title 51. Section 2 of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17701) provides findings related to the programs and activities of the National Aeronautics and Space Administration.
42 U.S.C. 17702 .....	Not repealed but omitted from text of title 51. Section 3 of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17702) provides definitions applicable in the Act.
42 U.S.C. 17711 .....	51 U.S.C. 60501
42 U.S.C. 17712(a) .....	Not repealed but omitted from text of title 51. Section 204(a) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17712(a)) provides a sense of Congress related to transitioning experimental sensors and missions into operational monitoring systems.
42 U.S.C. 17712(b) .....	51 U.S.C. 60502(a)
42 U.S.C. 17712(c) .....	51 U.S.C. 60502(b)
42 U.S.C. 17712(d) .....	51 U.S.C. 60502(c)
42 U.S.C. 17713(a) .....	51 U.S.C. 60503
42 U.S.C. 17713(b) .....	Not repealed but omitted from text of title 51. Section 206(b) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17713(b)) provides that no later than 90 days after October 15, 2008, the Administrator of the National Aeronautics and Space Administration shall transmit a new baseline report consistent with section 103(b)(2) of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16613(b)(2)), which is restated as section 30105(c)(2) of title 51.
42 U.S.C. 17714 .....	51 U.S.C. 60504
42 U.S.C. 17721 .....	51 U.S.C. 40702
42 U.S.C. 17722 .....	51 U.S.C. 40703
42 U.S.C. 17723(a) .....	Not repealed but omitted from text of title 51. Section 304(a) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17723(a)) provides a finding and declaration related to the need for establishing a research program to assess the impact of commercial supersonic flight operations in order to set sonic boom standards.
42 U.S.C. 17723(b) .....	51 U.S.C. 40704(a)
42 U.S.C. 17723(c) .....	51 U.S.C. 40704(b)
42 U.S.C. 17724 .....	51 U.S.C. 40104
42 U.S.C. 17731 .....	51 U.S.C. 70504
42 U.S.C. 17732(a) .....	51 U.S.C. 70505(a)
42 U.S.C. 17732(b) .....	51 U.S.C. 70505(b)
42 U.S.C. 17732(c) .....	Not repealed but omitted from text of title 51. Section 404(c) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17732(c)) provides a sense of Congress related to using commercial services to the maximum extent practicable in support of lunar outpost activities.
42 U.S.C. 17733(a) .....	Not repealed but omitted from text of title 51. Section 405(a) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17733(a)) provides a statutory declaration that a robust program of long-term exploration-related technology research and development will be essential for the success and sustainability of any enduring initiative of human and robotic exploration of the solar system.
42 U.S.C. 17733(b) .....	51 U.S.C. 70506
42 U.S.C. 17734 .....	51 U.S.C. 71301
42 U.S.C. 17741 .....	51 U.S.C. 70507
42 U.S.C. 17742 .....	51 U.S.C. 70508

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 17751(a) .....	51 U.S.C. 70907
42 U.S.C. 17751(b) .....	Not repealed but omitted from text of title 51. Section 601(b) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17751(b)) provides that the Administrator of the National Aeronautics and Space Administration shall, no later than 9 months after October 15, 2008, submit to certain committees of Congress a plan to support the operations and utilization of the International Space Station beyond fiscal year 2015 for a period of at least 5 years.
42 U.S.C. 17752 .....	51 U.S.C. 70906
42 U.S.C. 17753 .....	Not repealed but omitted from text of title 51. Section 603 of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17753) provides a declaration related to the importance of ensuring the continued viability and productivity of the International Space Station and provides that the Administrator of the National Aeronautics and Space Administration shall develop a contingency plan to ensure the continued viability and productivity of the International Space Station in the event that United States commercial cargo resupply services are not available during an extended period after the Space Shuttle is retired. The contingency plan must be delivered to certain committees of Congress no later than one year after October 15, 2008.
42 U.S.C. 17761 .....	Not repealed but omitted from text of title 51. Section 613 of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17761) provides that the Administrator of the National Aeronautics and Space Administration shall develop certain plans related to termination of the Space Shuttle program. One plan is required to be submitted to Congress not later than 90 days after October 15, 2008. The other plan is required to be submitted to Congress not later than 180 days after October 15, 2008. The Administrator of the National Aeronautics and Space Administration is also required to establish a Space Shuttle Transition Liaison Office, which shall terminate 2 years after completion of the last Space Shuttle flight.
42 U.S.C. 17771 .....	Not repealed but omitted from text of title 51. Section 621 of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17771) provides that the Administrator of the National Aeronautics and Space Administration shall develop a strategy for providing domestic commercial launch services in support of small and medium-sized Science, Space Operations, and Exploration missions, and that the Administrator of the National Aeronautics and Space Administration shall, no later than 90 days after October 15, 2008, transmit to certain committees of Congress a report related to the strategy.
42 U.S.C. 17781(a) .....	Not repealed but omitted from text of title 51. Section 704(a) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17781(a)) provides a sense of Congress related to the unique opportunity the International Space Station offers for Federal agencies to engage students in science, technology, engineering, and mathematics education, and the provision encourages the National Aeronautics and Space Administration to include other Federal agencies in its planning efforts to use the International Space Station National Laboratory.
42 U.S.C. 17781(b) .....	51 U.S.C. 40903(d)
42 U.S.C. 17781(c) .....	51 U.S.C. 40311
42 U.S.C. 17791(a) .....	51 U.S.C. 71101

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 17791(b) .....	Not repealed but omitted from text of title 51. Section 801(b) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17791(b)) provides a sense of Congress related to near-Earth object program activities providing benefits to the scientific and exploration activities of the National Aeronautics and Space Administration.
42 U.S.C. 17792 .....	Not repealed but omitted from text of title 51. Section 802 of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17792) provides findings related the threat of collision of near-Earth objects with Earth.
42 U.S.C. 17793 .....	51 U.S.C. 71102
42 U.S.C. 17794 .....	51 U.S.C. 71103
42 U.S.C. 17795 .....	51 U.S.C. 71104
42 U.S.C. 17801 .....	51 U.S.C. 50111(b)
42 U.S.C. 17811(a) .....	51 U.S.C. 31502
42 U.S.C. 17811(b), (c) .....	Not repealed but omitted from text of title 51. Section 1002(b) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17811(b)) provides that the Administrator of the National Aeronautics and Space Administration shall determine and prioritize the maintenance and upgrade backlog at each of the National Aeronautics and Space Administration's Centers and associated facilities, and shall develop a strategy and budget plan to reduce the backlog by 50 percent over the next five years. Section 1002(c) of the Act (42 U.S.C. 17811(c)) requires a report to Congress on the results of activities undertaken to carry out subsection (b). The report is to be delivered concurrently with delivery of the fiscal year 2011 budget request.
42 U.S.C. 17812(a) .....	51 U.S.C. 31503
42 U.S.C. 17812(b) .....	Not repealed but omitted from text of title 51. Section 1003(b) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17812(b)) provides that the Administrator of the National Aeronautics and Space Administration shall enter into an arrangement for an independent external review of the Administration's laboratories and that results of the review shall be provided to certain committees of Congress no later than 18 months after October 15, 2008.
42 U.S.C. 17821(a) .....	Not repealed but omitted from text of title 51. Section 1102(a) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17821(a)) provides a finding related to the need for space traffic management.
42 U.S.C. 17821(b) .....	51 U.S.C. 71302
42 U.S.C. 17822 .....	51 U.S.C. 31302
42 U.S.C. 17823 .....	51 U.S.C. 20305
42 U.S.C. 17824 .....	51 U.S.C. 30305
42 U.S.C. 17825(a) .....	Not repealed but omitted from text of title 51. Section 1109(a) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17825(a)) provides a sense of Congress that the National Aeronautics and Space Administration should not dilute, distort, suppress, or impede scientific research or the dissemination of scientific research.
42 U.S.C. 17825(b) .....	Not repealed but omitted from text of title 51. Section 1109(b) of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17825(b)) provides that, within 60 days after October 15, 2008, the Comptroller General shall initiate a study to be completed within 270 days and shall transmit a report to Congress setting forth findings, conclusions, and recommendations.
42 U.S.C. 17825(c) .....	51 U.S.C. 60506

## Disposition Table—Continued

Former United States Code Section	Disposition
42 U.S.C. 17826 .....	Not repealed but omitted from text of title 51. Section 1111 of the National Aeronautics and Space Administration Authorization Act of 2008 (42 U.S.C. 17826) provides that, within 12 months after October 15, 2008, the Director of Office of Science and Technology Policy, in conjunction with others, shall develop a plan and initiate an inventory of natural methane stocks and fluxes in the polar region of the United States.
42 U.S.C. 17827 .....	51 U.S.C. 30310
42 U.S.C. 17828 .....	51 U.S.C. 31504
42 U.S.C. 17829 .....	51 U.S.C. 31505
49 U.S.C. 70101 .....	51 U.S.C. 50901
49 U.S.C. 70102 .....	51 U.S.C. 50902
49 U.S.C. 70103 .....	51 U.S.C. 50903
49 U.S.C. 70104 .....	51 U.S.C. 50904
49 U.S.C. 70105 .....	51 U.S.C. 50905
49 U.S.C. 70105a .....	51 U.S.C. 50906
49 U.S.C. 70106 .....	51 U.S.C. 50907
49 U.S.C. 70107 .....	51 U.S.C. 50908
49 U.S.C. 70108 .....	51 U.S.C. 50909
49 U.S.C. 70109 .....	51 U.S.C. 50910
49 U.S.C. 70109a .....	51 U.S.C. 50911
49 U.S.C. 70110 .....	51 U.S.C. 50912
49 U.S.C. 70111 .....	51 U.S.C. 50913
49 U.S.C. 70112 .....	51 U.S.C. 50914
49 U.S.C. 70113 .....	51 U.S.C. 50915
49 U.S.C. 70114 .....	51 U.S.C. 50916
49 U.S.C. 70115 .....	51 U.S.C. 50917
49 U.S.C. 70116 .....	51 U.S.C. 50918
49 U.S.C. 70117 .....	51 U.S.C. 50919
49 U.S.C. 70118 .....	51 U.S.C. 50920
49 U.S.C. 70119 .....	51 U.S.C. 50921
49 U.S.C. 70120 .....	51 U.S.C. 50922
49 U.S.C. 70121 .....	51 U.S.C. 50923
49 U.S.C. 70301 .....	51 U.S.C. 51101
49 U.S.C. 70302 .....	51 U.S.C. 51102
49 U.S.C. 70303 .....	51 U.S.C. 51103
49 U.S.C. 70304 .....	51 U.S.C. 51104
49 U.S.C. 70305 .....	51 U.S.C. 51105
Public Law 101–611, § 123 .....	51 U.S.C. 70901 (Section 123 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1991 (Public Law 101–611, 104 Stat. 3204), which was not previously classified to the United States Code, is restated as section 70901 of title 51.)

## SECTION-BY-SECTION ANALYSIS

## SECTION 1—TABLE OF CONTENTS

Section 1 of the bill provides a table of contents for the Act.

## SECTION 2—PURPOSE; CONFORMITY WITH ORIGINAL INTENT

Section 2(a) of the bill provides that the purpose is to codify certain existing laws related to national and commercial space programs as a positive law title of the United States Code.

Section 2(b) of the bill provides a statement of intent with respect to the codification of existing law (see “Conformity With Original Intent” above).

SECTION 3—ENACTMENT OF TITLE 51, UNITED STATES CODE

Section 3 of the bill enacts title 51, United States Code. For each section of title 51, the source provision citations, along with any revision notes, are set out below.

## **TITLE 51—NATIONAL AND COMMERCIAL SPACE PROGRAMS**

### **Subtitle I—General**

Chap.	Sec.
101. Definitions .....	10101

### **Subtitle II—General Program and Policy Provisions**

201. National Aeronautics and Space Program .....	20101
203. Responsibilities and Vision .....	20301

### **Subtitle III—Administrative Provisions**

301. Appropriations, Budgets, and Accounting .....	30101
303. Contracting and Procurement .....	30301
305. Management and Review .....	30501
307. International Cooperation and Competition .....	30701
309. Awards .....	30901
311. Safety .....	31101
313. Healthcare .....	31301
315. Miscellaneous .....	31501

### **Subtitle IV—Aeronautics and Space Research and Education**

401. Aeronautics .....	40101
403. National Space Grant College and Fellowship Program .....	40301
405. Biomedical Research in Space .....	40501
407. Environmentally Friendly Aircraft .....	40701
409. Miscellaneous .....	40901



**Subtitle V—Programs Targeting Commercial Opportunities**

501. Space Commerce ..... 50101  
 503. Commercial Reusable In-Space Transportation ..... 50301  
 505. Commercial Space Competitiveness ..... 50501  
 507. Office of Space Commercialization ..... 50701

**Subtitle VI—Earth Observations**

601. Land Remote Sensing Policy ..... 60101  
 603. Remote Sensing ..... 60301  
 605. Earth Science ..... 60501

**Subtitle VII—Access to Space**

701. Use of Space Shuttle or Alternatives ..... 70101  
 703. Shuttle Pricing Policy for Commercial and Foreign Users ..... 70301  
 705. Exploration Initiatives ..... 70501  
 707. Human Space Flight Independent Investigation Commission ..... 70701  
 709. International Space Station ..... 70901  
 711. Near-Earth Objects ..... 71101  
 713. Cooperation for Safety Among Spacefaring Nations ..... 71301

**Subtitle I—General**

**CHAPTER 101—DEFINITIONS**

Sec.  
 10101. Definitions.

SECTION 10101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
10101 .....	(no source)	

Title-wide definitions for the terms “Administration” and “Administrator” are added for clarity and convenience.

**Subtitle II—General Program and Policy Provisions**

**CHAPTER 201—NATIONAL AERONAUTICS AND SPACE PROGRAM**

SUBCHAPTER I—SHORT TITLE, DECLARATION OF POLICY, AND DEFINITIONS

Sec.  
 20101. Short title.  
 20102. Congressional declaration of policy and purpose.  
 20103. Definitions.

SUBCHAPTER II—COORDINATION OF AERONAUTICAL AND SPACE ACTIVITIES

- 20111. National Aeronautics and Space Administration.
- 20112. Functions of the Administration.
- 20113. Powers of the Administration in performance of functions.
- 20114. Administration and Department of Defense coordination.
- 20115. International cooperation.
- 20116. Reports to Congress.
- 20117. Disposal of excess land.

SUBCHAPTER III—GENERAL ADMINISTRATIVE PROVISIONS

- 20131. Public access to information.
- 20132. Security requirements.
- 20133. Permission to carry firearms.
- 20134. Arrest authority.
- 20135. Property rights in inventions.
- 20136. Contributions awards.
- 20137. Malpractice and negligence suits against United States.
- 20138. Insurance and indemnification.
- 20139. Insurance for experimental aerospace vehicles.
- 20140. Appropriations.
- 20141. Misuse of agency name and initials.
- 20142. Contracts regarding expendable launch vehicles.
- 20143. Full cost appropriations account structure.
- 20144. Prize authority.
- 20145. Lease of non-excess property.
- 20146. Retrocession of jurisdiction.
- 20147. Recovery and disposition authority.

SUBCHAPTER IV—UPPER ATMOSPHERE RESEARCH

- 20161. Congressional declaration of purpose and policy.
- 20162. Definition of upper atmosphere.
- 20163. Program authorized.
- 20164. International cooperation.

SUBCHAPTER I—SHORT TITLE, DECLARATION OF POLICY, AND DEFINITIONS

SECTION 20101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20101 .....	(no source)	

Chapter 201 of title 51 restates the National Aeronautics and Space Act of 1958. Although short titles are generally eliminated as unnecessary in positive law titles of the United States Code, in this case it was suggested that the short title “National Aeronautics and Space Act” be provided for convenience.

## SECTION 20102

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20102 .....	42 U.S.C. 2451.	Pub. L. 85-568, title I, § 102, July 29, 1958, 72 Stat. 426; Pub. L. 94-413, § 15(a), (b), Sept. 17, 1976, 90 Stat. 1270; Pub. L. 95-238, title III, § 311, Feb. 25, 1978, 92 Stat. 83; Pub. L. 95-401, § 7, Sept. 30, 1978, 92 Stat. 860; Pub. L. 98-361, title I, § 110, July 16, 1984, 98 Stat. 426; Pub. L. 100-685, title II, § 214, Nov. 17, 1988, 102 Stat. 4093; Pub. L. 106-391, title III, § 302(a), Oct. 30, 2000, 114 Stat. 1591; Pub. L. 109-155, title III, § 321(d)(2), Dec. 30, 2005, 119 Stat. 2923.

In subsection (b), the words “in conformity with section 201(e)”, which appeared at the end of the subsection, are omitted as obsolete. Section 201 of Public Law 85-568, which was classified to former section 2471 of title 42 (last appearing in the 1970 edition of the United States Code), established the National Aeronautics and Space Council, with the functions of the Council specified in section 201(e). Those functions included advising the President “as he may request” with respect to promoting cooperation and resolving differences among agencies of the United States engaged in aeronautical and space activities. The words are obsolete because section 3(a)(4) of Reorganization Plan No. 1 of 1973 (5 App. U.S.C.), abolished the National Aeronautics and Space Council, including the office of Executive Secretary of the Council, together with its functions.

In subsection (c), the words “(as established by title II of this Act)”, which appeared after “Administration”, are omitted as unnecessary.

In subsection (d), the word “and”, appearing at the end of paragraph (8), is omitted as unnecessary because of the introductory words “one or more of the following”.

## SECTION 20103

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20103 .....	42 U.S.C. 2452.	Pub. L. 85-568, title I, § 103, July 29, 1958, 72 Stat. 427; Pub. L. 98-52, title I, § 108, July 15, 1983, 97 Stat. 285.

In paragraph (1)(A), the word “Earth’s” is capitalized for consistency in title 51.

## SUBCHAPTER II—COORDINATION OF AERONAUTICAL AND SPACE ACTIVITIES

## SECTION 20111

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20111 .....	42 U.S.C. 2472.	Pub. L. 85-568, title II, § 202, July 29, 1958, 72 Stat. 429; Pub. L. 88-426, title III, § 305(12), Aug. 14, 1964, 78 Stat. 423.

## SECTION 20112

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20112 .....	42 U.S.C. 2473(a), (b).	Pub. L. 85-568, title II, § 203(a), (b), July 29, 1958, 72 Stat. 429; Pub. L. 93-409, § 4, Sept. 3, 1974, 88 Stat. 1070; Pub. L. 94-413, § 15(c), Sept. 17, 1976, 90 Stat. 1270; Pub. L. 95-401, § 6, Sept. 30, 1978, 92 Stat. 860; Pub. L. 101-611, title I, § 107, Nov. 16, 1990, 104 Stat. 3197.

## SECTION 20113

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20113 .....	42 U.S.C. 2473(c).	Pub. L. 85-568, title II, § 203(c), formerly § 203(b), July 29, 1958, 72 Stat. 429; Pub. L. 86-20, May 13, 1959, 73 Stat. 21; Pub. L. 86-481, § 5, June 1, 1960, 74 Stat. 153; Pub. L. 87-367, title II, § 206(a), Oct. 4, 1961, 75 Stat. 791; Pub. L. 87-584, § 6, Aug. 14, 1962, 76 Stat. 384; Pub. L. 87-793, § 1001(f), Oct. 11, 1962, 76 Stat. 864; Pub. L. 88-426, title III, § 306(d), Aug. 14, 1964, 78 Stat. 429; Pub. L. 88-448, title IV, § 402(a)(34), Aug. 10, 1964, 78 Stat. 495; Pub. L. 91-646, title II, § 220(a)(2), Jan. 2, 1971, 84 Stat. 1903; Pub. L. 93-74, § 6, July 23, 1973, 87 Stat. 174; Pub. L. 93-316, § 6, June 22, 1974, 88 Stat. 243; renumbered § 203(c), Pub. L. 93-409, § 4, Sept. 3, 1974, 88 Stat. 1070; Pub. L. 96-48, § 6(a), Aug. 8, 1979, 93 Stat. 348; Pub. L. 108-201, § 2(a), Feb. 24, 2004, 118 Stat. 461.

In subsection (b), in the matter before paragraph (1), the words “chapter 51 and subchapter III of chapter 53 of title 5” are substituted for “the Classification Act of 1949, as amended” on authority of section 7(b) of Public Law 89-554 (80 Stat. 631), the first section of which enacted Title 5, Government Organization and Employees.

In subsection (c)(2), the words “section 8141 of title 40” are substituted for “the Act of March 3, 1877 (40 U.S.C. 34)” on authority of section 5(c) of Public Law 107-217 (116 Stat. 1303), the first section of which enacted Title 40, Public Buildings, Property, and Works.

In subsection (c)(4), the words “in accordance with the provisions of chapters 1 to 11 of title 40 and in accordance with title III of the Federal Property and Administrative Services Act of 1949 (41 U.S.C. 251 et seq.)” are substituted for “in accordance with the provisions of the Federal Property and Administrative Services Act of 1949, as amended (40 U.S.C. 471 et seq.)” on authority of section 5(c) of Public Law 107-217 (116 Stat. 1303), the first section of which enacted Title 40, Public Buildings, Property, and Works.

In subsection (e), the words “subsections (a) and (b) of section 3324 of title 31” are substituted for “section 3648 of the Revised Statutes, as amended (31 U.S.C. 529)” on authority of section 4(b)

of Public Law 97–258 (96 Stat. 1067), the first section of which enacted Title 31, Money and Finance.

In subsection (i), the words “maximum rate payable under section 5376 of title 5” are substituted for “rate for GS–18” because of section 101(c) of the Federal Employees Pay Comparability Act of 1990 (enacted by § 529 of Public Law 101–509, 5 U.S.C. 5376 note).

In subsection (k)(1), the words “section 1302 of title 40” are substituted for “section 321 of the Act of June 30, 1932 (47 Stat. 412; 40 U.S.C. 303b)” on authority of section 5(c) of Public Law 107–217 (116 Stat. 1303), the first section of which enacted Title 40, Public Buildings, Property, and Works.

## SECTION 20114

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20114(a) .....	42 U.S.C. 2474(b).	Pub. L. 85–568, title II, § 204(b), (c), July 29, 1958, 72 Stat. 431.
20114(b) .....	42 U.S.C. 2474(c).	

In subsection (a), the words “through the President” are substituted for “through the Liaison Committee” because the Civilian-Military Liaison Committee, which was established by section 204(a) of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2474(a)), was abolished and its functions, together with the functions of its chairman and other officers, were transferred to the President by sections 1(e) and 3(a) of Reorganization Plan No. 4 of 1965 (5 App. U.S.C.).

In subsection (b), the words “as provided in section 201 (e)”, which appeared at the end of the subsection, are omitted as obsolete. Section 201 of Public Law 85–568, which was classified to former section 2471 of title 42 (last appearing in the 1970 edition of the United States Code), established the National Aeronautics and Space Council, with the functions of the Council specified in section 201(e). Those functions included advising the President “as he may request” with respect to promoting cooperation and resolving differences among agencies of the United States engaged in aeronautical and space activities. The words are obsolete because section 3(a)(4) of Reorganization Plan No. 1 of 1973 (5 App. U.S.C.), abolished the National Aeronautics and Space Council, including the office of Executive Secretary of the Council, together with its functions.

## SECTION 20115

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20115 .....	42 U.S.C. 2475.	Pub. L. 85–568, title II, § 205, July 29, 1958, 72 Stat. 432.

## SECTION 20116

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20116 .....	42 U.S.C. 2476.	Pub. L. 85-568, title II, § 206, July 29, 1958, 72 Stat. 432; Pub. L. 92-68, § 7, Aug. 6, 1971, 85 Stat. 177; Pub. L. 106-391, title III, § 302(b), Oct. 30, 2000, 114 Stat. 1591.

In subsections (a)(2) and (b), the words “section 102(c) of this Act”, which appear in section 206 of Public Law 85-568 (72 Stat. 432), are treated as referring to section 102(d), rather than section 102(c), of Public Law 85-568 because of the redesignation done by section 110(a)(2) of the National Aeronautics and Space Administration Authorization Act, 1985 (Public Law 98-361, 98 Stat. 426). Section 102(d) of Public Law 85-568 is restated as section 20102(d) of title 51.

## SECTION 20117

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20117 .....	42 U.S.C. 2476a.	Pub. L. 85-568, title II, § 207, as added Pub. L. 93-74, § 7, July 23, 1973, 87 Stat. 175; amended Pub. L. 103-437, § 15(j), Nov. 2, 1994, 108 Stat. 4593.

In paragraph (1), the words “Committee on Science and Technology” are substituted for “Committee on Science, Space, and Technology” on authority of section 1(a)(10) of Public Law 104-14 (2 U.S.C. note prec. 21), Rule X(1)(n) of the Rules of the House of Representatives, adopted by House Resolution No. 5 (106th Congress, January 6, 1999), and Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

## SUBCHAPTER III—GENERAL ADMINISTRATIVE PROVISIONS

## SECTION 20131

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20131(a) .....	42 U.S.C. 2454(a) (words before proviso).	Pub. L. 85-568, title III, § 303, July 29, 1958, 72 Stat. 433; Pub. L. 102-588, title V, § 509, Nov. 4, 1992, 106 Stat. 5129.
20131(b) .....	42 U.S.C. 2454(b).	
20131(c) .....	42 U.S.C. 2454(a) (proviso).	

## SECTION 20132

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20132 .....	42 U.S.C. 2455(a).	Pub. L. 85-568, title III, § 304(a), July 29, 1958, 72 Stat. 433; 1978 Reorg. Plan No. 2, § 102, eff. Jan. 1, 1979, 43 F.R. 36037, 92 Stat. 3783.

The words “Director of the Office of Personnel Management” are substituted for “Civil Service Commission” because of section 102 of Reorganization Plan No. 2 of 1978 (5 App U.S.C.).

## SECTION 20133

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20133 .....	42 U.S.C. 2456.	Pub. L. 85-568, title III, § 304(e), July 29, 1958, 72 Stat. 435.

## SECTION 20134

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20134 .....	42 U.S.C. 2456a.	Pub. L. 85-568, title III, § 304(f), as added Pub. L. 100-685, title II, § 206, Nov. 17, 1988, 102 Stat. 4090.

## SECTION 20135

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20135 .....	42 U.S.C. 2457.	Pub. L. 85-568, title III, § 305, July 29, 1958, 72 Stat. 435; Pub. L. 96-517, § 7(b), Dec. 12, 1980, 94 Stat. 3027; Pub. L. 97-96, § 7, Dec. 21, 1981, 95 Stat. 1210; Pub. L. 97-164, title I, § 162(3), Apr. 2, 1982, 96 Stat. 49; Pub. L. 98-622, title II, § 205(c), Nov. 8, 1984, 98 Stat. 3388; Pub. L. 106-113, div. B, § 1000(a)(9) [title IV, § 4732(b)(20)], Nov. 29, 1999, 113 Stat. 1536, 1501A-585.

## SECTION 20136

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20136(a) .....	42 U.S.C. 2458(a).	Pub. L. 85-568, title III, § 306, July 29, 1958, 72 Stat. 437.
20136(b) .....	42 U.S.C. 2458(b) (1st sentence).	
20136(c) .....	42 U.S.C. 2458(b) (par. (1) of last sentence).	
20136(d) .....	42 U.S.C. 2458(b) (par. (2) of last sentence).	

In subsections (c) and (d), the words “No award may be made under subsection (a)” are substituted for “No award may be made under subsection (a) with respect to any contribution” for clarity and to eliminate unnecessary words.

## SECTION 20137

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20137 .....	42 U.S.C. 2458a.	Pub. L. 85-568, title III, § 307, as added Pub. L. 94-464, § 3, Oct. 8, 1976, 90 Stat. 1988.

In subsection (a), the word “hereafter” is omitted as unnecessary.  
 In subsection (b), in the last sentence, commas are added after “brought” and “Attorney General” for clarity.

In subsection (e), the words “wrongful act or omission” are substituted for “wrongful act of omission” to correct an error in the law.

## SECTION 20138

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20138 .....	42 U.S.C. 2458b.	Pub. L. 85-568, title III, § 308, as added Pub. L. 96-48, § 6(b)(2), Aug. 8, 1979, 93 Stat. 348.

## SECTION 20139

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20139 .....	42 U.S.C. 2458c.	Pub. L. 85-568, title III, § 309, formerly title III, as added Pub. L. 106-74, title IV, § 435(a), Oct. 20, 1999, 113 Stat. 1097; designated § 309 and amended Pub. L. 106-391, title III, § 324(a)(2), (b), Oct. 30, 2000, 114 Stat. 1599, 1600; Pub. L. 109-155, title VII, § 702, Dec. 30, 2005, 119 Stat. 2936.

In subsection (d)(3), the words “without regard to the date on which the Administration entered into the waiver” are substituted for “without regard to whether it was entered into before, on, or after the date of enactment of this Act” to avoid an ambiguity in the law. Literally, the words “the date of enactment of this Act” mean July 29, 1958, the date of enactment of Public Law 85-568. However, the intended meaning of the words “the date of enactment of this Act” is probably October 20, 1999, the date of enactment of Public Law 106-74. The question as to which date is actually intended is rendered inconsequential by the words “before, on, or after”.

## SECTION 20140

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20140 .....	42 U.S.C. 2459.	Pub. L. 85-568, title III, § 310, formerly § 307, July 29, 1958, 72 Stat. 438; Pub. L. 88-113, § 6, Sept. 6, 1963, 77 Stat. 144; renumbered § 308, Pub. L. 94-464, § 3, Oct. 8, 1976, 90 Stat. 1988; renumbered § 309, Pub. L. 96-48, § 6(b)(1), Aug. 8, 1979, 93 Stat. 348; renumbered § 310, Pub. L. 106-391, title III, § 324(a)(1), Oct. 30, 2000, 114 Stat. 1599.



## SECTION 20141

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20141 .....	42 U.S.C. 2459b.	Pub. L. 85-568, title III, § 311, formerly § 310, as added Pub. L. 98-52, title I, § 107, July 15, 1983, 97 Stat. 284; renumbered § 311, Pub. L. 106-391, title III, § 324(a)(1), Oct. 30, 2000, 114 Stat. 1599.

## SECTION 20142

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20142 .....	42 U.S.C. 2459c.	Pub. L. 85-568, title III, § 312, formerly § 311, as added Pub. L. 100-147, title I, § 117, Oct. 30, 1987, 101 Stat. 867; renumbered § 312, Pub. L. 106-391, title III, § 324(a)(1), Oct. 30, 2000, 114 Stat. 1599.

In subsection (a), the word “expendable” is substituted for “expendabe” to correct an error in the law.

## SECTION 20143

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20143 .....	42 U.S.C. 2459f.	Pub. L. 85-568, title III, § 313, formerly § 312, as added Pub. L. 106-377, § 1(a)(1) [title IV, § 431], Oct. 27, 2000, 114 Stat. 1441, 1441A-56; renumbered § 313 and amended, Pub. L. 108-199, div. G, title IV, § 417, Jan. 23, 2004, 118 Stat. 415; Pub. L. 108-447, div. I, title IV, § 417, Dec. 8, 2004, 118 Stat. 3339; Pub. L. 109-155, title II, § 201, Dec. 30, 2005, 119 Stat. 2915.

In subsection (a)(1), the words “for fiscal year 2007 and thereafter” are omitted as unnecessary.

## SECTION 20144

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20144 .....	42 U.S.C. 2459f-1.	Pub. L. 85-568, title III, § 314, as added Pub. L. 109-155, title I, § 104, Dec. 30, 2005, 119 Stat. 2910; Pub. L. 110-422, title XI, § 1105(b), Oct. 15, 2008, 122 Stat. 4809.

In subsection (i)(2), subparagraph (A) is added, and the words “provisions known as the Anti-Deficiency Act” are substituted for “the Anti-Deficiency Act (31 U.S.C. 1341)”, for clarity.

In subsection (i)(4), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

## SECTION 20145

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20145 .....	42 U.S.C. 2459j.	Pub. L. 85-568, title III, § 315, as added Pub. L. 108-7, div. K, title IV, § 418, Feb. 20, 2003, 117 Stat. 525; Pub. L. 110-161, div. B, title V, § 533(a)-(e), Dec. 26, 2007, 121 Stat. 1931; Pub. L. 110-422, title XI, § 1117(c), (d), Oct. 15, 2008, 122 Stat. 4814.

In subsection (f)(2), the word “Administration’s” is substituted for “Agency’s” for clarity.

In subsection (g), the words “10 years after December 26, 2007” are substituted for “on the date that is ten years after the date of the enactment of the Commerce, Justice, Science, and Related Agencies Appropriations Act of 2008” for consistency and to reflect the date of enactment of the Commerce, Justice, Science, and Related Agencies Appropriations Act, 2008 (Public Law 110-161, div. B, 121 Stat. 1884).

## SECTION 20146

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20146 .....	42 U.S.C. 2459k.	Pub. L. 85-568, title III, § 316, as added Pub. L. 109-155, title VII, § 701, Dec. 30, 2005, 119 Stat. 2935.

## SECTION 20147

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20147 .....	42 U.S.C. 2459l.	Pub. L. 85-568, title III, § 317, as added Pub. L. 109-155, title VII, § 705, Dec. 30, 2005, 119 Stat. 2936.

## SUBCHAPTER IV—UPPER ATMOSPHERE RESEARCH

## SECTION 20161

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20161 .....	42 U.S.C. 2481.	Pub. L. 85-568, title IV, § 401, as added Pub. L. 94-39, § 8, June 19, 1975, 89 Stat. 222.

## SECTION 20162

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20162 .....	42 U.S.C. 2482.	Pub. L. 85-568, title IV, § 402, as added Pub. L. 94-39, § 8, June 19, 1975, 89 Stat. 222.

## SECTION 20163

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20163 .....	42 U.S.C. 2483.	Pub. L. 85-568, title IV, § 403, as added Pub. L. 94-39, § 8, June 19, 1975, 89 Stat. 222.

## SECTION 20164

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20164 .....	42 U.S.C. 2484.	Pub. L. 85-568, title IV, § 404, as added Pub. L. 94-39, § 8, June 19, 1975, 89 Stat. 223.

**CHAPTER 203—RESPONSIBILITIES AND VISION**

Sec.

20301. General responsibilities.  
 20302. Vision for space exploration.  
 20303. Contribution to innovation.  
 20304. Basic research enhancement.  
 20305. National Academies decadal surveys.

## SECTION 20301

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20301 .....	42 U.S.C. 16611(a).	Pub. L. 109-155, title I, § 101(a), Dec. 30, 2005, 119 Stat. 2897.

## SECTION 20302

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20302 .....	42 U.S.C. 16611(b).	Pub. L. 109-155, title I, § 101(b), Dec. 30, 2005, 119 Stat. 2898.

## SECTION 20303

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20303(a) .....	42 U.S.C. 16611a(a).	Pub. L. 110-69, title II, § 2001(a), (b), (c), (e), Aug. 9, 2007, 121 Stat. 582.
20303(b) .....	42 U.S.C. 16611a(b).	
20303(c) .....	42 U.S.C. 16611a(c).	
20303(d) .....	42 U.S.C. 16611a(e).	

## SECTION 20304

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20304 .....	42 U.S.C. 16658.	Pub. L. 110-69, title II, § 2003, Aug. 9, 2007, 121 Stat. 583.

## SECTION 20305

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
20305 .....	42 U.S.C. 17823.	Pub. L. 110–422, title XI, § 1104, Oct. 15, 2008, 122 Stat. 4809.

**Subtitle III—Administrative Provisions****CHAPTER 301—APPROPRIATIONS, BUDGETS, AND ACCOUNTING**

- Sec.  
 30101. Prior authorization of appropriations required.  
 30102. Working capital fund.  
 30103. Budgets.  
 30104. Baselines and cost controls.

## SECTION 30101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30101 .....	42 U.S.C. 2460.	Pub. L. 86–45, § 4, June 15, 1959, 73 Stat. 75.

The word “hereafter” is omitted as unnecessary.

## SECTION 30102

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30102 .....	42 U.S.C. 2459i.	Pub. L. 108–7, div. K, title III, (last par. under heading “Administrative Provisions”, at 117 Stat. 520), Feb. 20, 2003, 117 Stat. 520.

## SECTION 30103

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30103(a) .....	42 U.S.C. 16611(h)(1).	Pub. L. 109–155, title I, § 101(h)(1), (i), Dec. 30, 2005, 119 Stat. 2903.
30103(b) .....	42 U.S.C. 16611(i).	Pub. L. 110–161, div. B, title III, (7th par. under heading “Administrative Provisions”, at 121 Stat. 1919), Dec. 26, 2007, 121 Stat. 1919.
30103(c) .....	42 U.S.C. 16611b.	
30103(d) .....	42 U.S.C. 16611b note.	Pub. L. 111–8, div. B, title III, (3d proviso in par. under heading “Cross Agency Support”, at 123 Stat. 589), Mar. 11, 2009, 123 Stat. 589.

In subsection (a)(5), the source law’s reference to “section 104” of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2910) is translated as “section 20144” of title 51. Section 104 of the National Aeronautics and Space Administration Authorization Act of 2005 amended the National Aeronautics and Space Act of 1958 (Public Law 85–568,

72 Stat. 426) by inserting a new section 314, which is restated as section 20144 of title 51.

In subsection (b), in the matter before paragraph (1), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

In subsection (c), in the matter before paragraph (1), the words “For fiscal year 2009 and hereafter” are omitted as unnecessary.

#### SECTION 30104

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30104 .....	42 U.S.C. 16613.	Pub. L. 109–155, title I, § 103, Dec. 30, 2005, 119 Stat. 2907.

In subsections (b)(2), (c)(1), (d)(3), and (e)(1)(A), (2), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

### CHAPTER 303—CONTRACTING AND PROCUREMENT

Sec.

- 30301. Guaranteed customer base.
- 30302. Quality assurance personnel.
- 30303. Tracking and data relay satellite services.
- 30304. Award of contracts to small businesses and disadvantaged individuals.
- 30305. Outreach program.
- 30306. Small business contracting.
- 30307. Requirement for independent cost analysis.
- 30308. Cost effectiveness calculations.
- 30309. Use of abandoned and underutilized buildings, grounds, and facilities.
- 30310. Exception to alternative fuel procurement requirement.

#### SECTION 30301

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30301 .....	42 U.S.C. 2459d.	Pub. L. 102–139, title III, (1st par. under heading “Administrative Provisions”, at 105 Stat. 771), Oct. 28, 1991, 105 Stat. 771.

The words “in this or any other Act with respect to any fiscal year” are omitted as unnecessary.

#### SECTION 30302

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30302 .....	42 U.S.C. 2459e.	Pub. L. 102–195, § 19, Dec. 9, 1991, 105 Stat. 1615.

In subsection (a), the date “December 9, 1991” is substituted for “the date of enactment of this Act” to reflect the date of enactment

of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1992 (Public Law 102–195, 105 Stat. 1605).

In subsection (a), the words “that has been submitted to Congress as provided” are substituted for “described” for clarity.

## SECTION 30303

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30303(a) .....	42 U.S.C. 2463 (1st par.).	Pub. L. 95–76, § 6, July 30, 1977, 91 Stat. 315; Pub. L. 103–437, § 15(c)(3), Nov. 2, 1994, 108 Stat. 4592.
30303(b) .....	42 U.S.C. 2463 (last par.).	

In subsection (b), the words “Committee on Science and Technology” are substituted for “Committee on Science, Space, and Technology” on authority of section 1(a)(10) of Public Law 104–14 (2 U.S.C. note prec. 21), Rule X(1)(n) of the Rules of the House of Representatives, adopted by House Resolution No. 5 (106th Congress, January 6, 1999), and Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

In subsection (b), the word “hereafter” is omitted as unnecessary.

## SECTION 30304

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30304 .....	42 U.S.C. 2473b (1st par.).	Pub. L. 101–144, title III, (1st par. under heading “Small and Disadvantaged Business”, at 103 Stat. 863), Nov. 9, 1989, 103 Stat. 863; Pub. L. 109–155, title VI, § 611, Dec. 30, 2005, 119 Stat. 2932.

The word “Alaska” is substituted for “Alaskan” in the phrase “Alaska Native-serving institutions (as defined in section 317(b)(2) of that Act (20 U.S.C. 1059d(b)(2)))” for consistency with the term defined in section 317(b)(2) of the Higher Education Act of 1965 (20 U.S.C. 1059d(b)(2)).

## SECTION 30305

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30305 .....	42 U.S.C. 17824.	Pub. L. 110–422, title XI, § 1107, Oct. 15, 2008, 122 Stat. 4810.

In subsection (c), in the matter before paragraph (1), the date “October 15, 2008” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2008.

## SECTION 30306

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30306 .....	42 U.S.C. 16821.	Pub. L. 109–155, title VII, § 707, Dec. 30, 2005, 119 Stat. 2937.

## SECTION 30307

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30307 .....	42 U.S.C. 2459g.	Pub. L. 106–391, title III, § 301, Oct. 30, 2000, 114 Stat. 1591; Pub. L. 109–155, title VII, § 704, Dec. 30, 2005, 119 Stat. 2936.

In subsection (b), in the first sentence, the words “the Administrator shall conduct” are substituted for “the Administrator for the National Aeronautics and Space Administration shall conduct” to eliminate unnecessary words.

In subsection (b), in the last sentence, the word “experts” is substituted for “expertise” for clarity.

## SECTION 30308

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30308(a) .....	(no source)	
30308(b) .....	42 U.S.C. 2459h.	Pub. L. 106–391, title III, § 304, Oct. 30, 2000, 114 Stat. 1592.

In subsection (a), definitions of “commercial provider” and “State” are added to carry forward the appropriate definitions from section 3 of the National Aeronautics and Space Administration Authorization Act of 2000 (Public Law 106–391, 114 Stat. 1579, 1580).

## SECTION 30309

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30309 .....	42 U.S.C. 2473d.	Pub. L. 106–391, title III, § 325, Oct. 30, 2000, 114 Stat. 1600.

## SECTION 30310

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30310 .....	42 U.S.C. 17827.	Pub. L. 110–422, title XI, § 1112, Oct. 15, 2008, 122 Stat. 4811.

**CHAPTER 305—MANAGEMENT AND REVIEW**

- Sec.  
 30501. Lessons learned and best practices.  
 30502. Whistleblower protection.

30503. Performance assessments.  
 30504. Assessment of science mission extensions.

## SECTION 30501

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30501 .....	42 U.S.C. 16615.	Pub. L. 109–155, title I, § 107, Dec. 30, 2005, 119 Stat. 2912.

In subsection (a), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

In subsection (a), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

## SECTION 30502

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30502 .....	42 U.S.C. 16618.	Pub. L. 109–155, title I, § 110, Dec. 30, 2005, 119 Stat. 2914.

In subsection (a), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

In subsections (a) and (d), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

In subsection (d), the words “Not later than February 15 of each year beginning February 15, 2007” are substituted for “Not later than February 15 of each year beginning with the year after the date of enactment of this Act” for clarity.

## SECTION 30503

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30503 .....	42 U.S.C. 16651.	Pub. L. 109–155, title III, § 301, Dec. 30, 2005, 119 Stat. 2916.

In subsections (b) and (c), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

In subsection (c), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).



## SECTION 30504

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30504(a) .....	42 U.S.C. 16654(a) (matter before par. (1)).	Pub. L. 109–155, title III, § 304(a) (matter before par. (1)), (2), Dec. 30, 2005, 119 Stat. 2918.
30504(b) .....	42 U.S.C. 16654(a)(2).	

In subsection (a), the words “In addition—” are omitted as unnecessary.

### CHAPTER 307—INTERNATIONAL COOPERATION AND COMPETITION

Sec.

30701. Competitiveness and international cooperation.  
 30702. Foreign contract limitation.  
 30703. Foreign launch vehicles.  
 30704. Offshore performance of contracts for the procurement of goods and services.

## SECTION 30701

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30701(a) .....	42 U.S.C. 2475a(a).	Pub. L. 106–391, title I, § 126, Oct. 30, 2000, 114 Stat. 1585.
30701(b)(1) .....	(no source)	
30701(b)(2) .....	42 U.S.C. 2475a(b).	
30701(b)(3) .....	(no source)	

In subsection (b)(1), the definition of “United States commercial provider” is added to carry forward the appropriate definition from section 3 of the National Aeronautics and Space Administration Authorization Act of 2000 (Public Law 106–391, 114 Stat. 1580).

In subsection (b)(3), the description of national interests of the United States is added to carry forward the appropriate description of national interests of the United States from section 2(6) of the National Aeronautics and Space Administration Authorization Act of 2000 (Public Law 106–391, 114 Stat. 1578).

## SECTION 30702

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30702 .....	42 U.S.C. 2475b.	Pub. L. 106–391, title III, § 305, Oct. 30, 2000, 114 Stat. 1592.

## SECTION 30703

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30703 .....	42 U.S.C. 16614.	Pub. L. 109–155, title I, § 105, Dec. 30, 2005, 119 Stat. 2912.

In subsection (c), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment

of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

## SECTION 30704

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30704 .....	42 U.S.C. 16823.	Pub. L. 109–155, title VII, § 709, Dec. 30, 2005, 119 Stat. 2938.

In the matter before paragraph (1), the words “beginning with the first fiscal year after the date of enactment of this Act [December 30, 2005]” are omitted as obsolete.

## CHAPTER 309—AWARDS

- Sec.  
 30901. Congressional Space Medal of Honor.  
 30902. Charles “Pete” Conrad Astronomy Awards.

## SECTION 30901

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30901(a) .....	42 U.S.C. 2461 (1st par.).	Pub. L. 91–76, § 1, Sept. 29, 1969, 83 Stat. 124.
30901(b) .....	42 U.S.C. 2461 (last par.).	Pub. L. 91–76, § 2, Sept. 29, 1969, 83 Stat. 124.

## SECTION 30902

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
30902 .....	42 U.S.C. 16792.	Pub. L. 109–155, title VI, § 613, Dec. 30, 2005, 119 Stat. 2932.

## CHAPTER 311—SAFETY

- Sec.  
 31101. Aerospace Safety Advisory Panel.  
 31102. Drug and alcohol testing.

## SECTION 31101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31101(a) .....	42 U.S.C. 2477(a) (1st, last sentences).	Pub. L. 90–67, § 6, Aug. 21, 1967, 81 Stat. 170; Pub. L. 94–307, § 8, June 4, 1976, 90 Stat. 681; Pub. L. 99–234, title I, § 107(f), Jan. 2, 1986, 99 Stat. 1759; Pub. L. 109–155, title I, § 106, Dec. 30, 2005, 119 Stat. 2912.
31101(b) .....	42 U.S.C. 2477(a) (3d sentence).	
31101(c) .....	42 U.S.C. 2477(a) (2d sentence).	
31101(d) .....	42 U.S.C. 2477(a) (4th, 5th sentences).	

## SECTION 31101—CONTINUED

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31101(e) .....	42 U.S.C. 2477(b).	

In subsection (d)(1)(B), the words “maximum rate payable under section 5376 of title 5” are substituted for “rate for GS–18” because of section 101(c) of the Federal Employees Pay Comparability Act of 1990 (Public Law 101–509, 5 U.S.C. 5376 note).

In subsection (e), the date “December 30, 2005” is substituted for “the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

## SECTION 31102

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31102(a) .....	42 U.S.C. 2473c(h).	Pub. L. 102–195, § 21(c)–(h), Dec. 9, 1991, 105 Stat. 1616.
31102(b) .....	42 U.S.C. 2473c(e).	
31102(c) .....	42 U.S.C. 2473c(d).	
31102(d) .....	42 U.S.C. 2473c(e).	
31102(e) .....	42 U.S.C. 2473c(f).	
31102(f) .....	42 U.S.C. 2473c(g).	

In subsection (b)(2), the words “within 18 months after the date of enactment of this Act” are omitted as obsolete.

In paragraphs (1) and (2) of subsection (c), and in subsection (f)(2), the date “December 9, 1991” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1992 (Public Law 102–195, 105 Stat. 1605).

**CHAPTER 313—HEALTHCARE**

Sec.

31301. Healthcare program.

31302. Astronaut healthcare survey.

## SECTION 31301

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31301 .....	42 U.S.C. 16822.	Pub. L. 109–155, title VII, § 708, Dec. 30, 2005, 119 Stat. 2938.

## SECTION 31302

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31302 .....	42 U.S.C. 17822.	Pub. L. 110–422, title XI, § 1103, Oct. 15, 2008, 122 Stat. 4808.

**CHAPTER 315—MISCELLANEOUS**

- Sec.  
 31501. Orbital debris.  
 31502. Maintenance of facilities.  
 31503. Laboratory productivity.  
 31504. Cooperative unmanned aerial vehicle activities.  
 31505. Development of enhanced-use lease policy.

**SECTION 31501**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31501 .....	42 U.S.C. 16781.	Pub. L. 109–155, title VI, § 601, Dec. 30, 2005, 119 Stat. 2931.

**SECTION 31502**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31502 .....	42 U.S.C. 17811(a).	Pub. L. 110–422, title X, § 1002(a), Oct. 15, 2008, 122 Stat. 4806.

**SECTION 31503**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31503 .....	42 U.S.C. 17812(a).	Pub. L. 110–422, title X, § 1003(a), Oct. 15, 2008, 122 Stat. 4807.

**SECTION 31504**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31504 .....	42 U.S.C. 17828.	Pub. L. 110–422, title XI, § 1116, Oct. 15, 2008, 122 Stat. 4813.

**SECTION 31505**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
31505 .....	42 U.S.C. 17829.	Pub. L. 110–422, title XI, § 1117, Oct. 15, 2008, 122 Stat. 4813.

**Subtitle IV—Aeronautics and Space Research and Education****CHAPTER 401—AERONAUTICS****SUBCHAPTER I—GENERAL**

- Sec.  
 40101. Definition of institution of higher education.

- 40102. Governmental interest in aeronautics research and development.
- 40103. Cooperation with other agencies on aeronautics activities.
- 40104. Cooperation among Mission Directorates.

SUBCHAPTER II—HIGH PRIORITY AERONAUTICS RESEARCH AND DEVELOPMENT PROGRAMS

- 40111. Fundamental research program.
- 40112. Research and technology programs.
- 40113. Airspace systems research.
- 40114. Aviation safety and security research.
- 40115. Aviation weather research.
- 40116. University-based Centers for Research on Aviation Training.

SUBCHAPTER III—SCHOLARSHIPS

- 40131. Aeronautics scholarships.

SUBCHAPTER IV—DATA REQUESTS

- 40141. Aviation data requests.

SUBCHAPTER I—GENERAL

SECTION 40101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40101 .....	42 U.S.C. 16701.	Pub. L. 109–155, title IV, § 401, Dec. 30, 2005, 119 Stat. 2923.

SECTION 40102

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40102 .....	42 U.S.C. 16711.	Pub. L. 109–155, title IV, § 411, Dec. 30, 2005, 119 Stat. 2923.

SECTION 40103

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40103 .....	42 U.S.C. 16712(b).	Pub. L. 110–69, title II, § 2002(b), Aug. 9, 2007, 121 Stat. 583.

The words “Next Generation Air Transportation System” are inserted before “Joint Planning and Development Office” for consistency with section 709 of the Vision 100—Century of Aviation Reauthorization Act (Public Law 108–176, 49 U.S.C. 40101 note).

SECTION 40104

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40104 .....	42 U.S.C. 17724.	Pub. L. 110–422, title III, § 307, Oct. 15, 2008, 122 Stat. 4788.

**SUBCHAPTER II—HIGH PRIORITY AERONAUTICS RESEARCH  
AND DEVELOPMENT PROGRAMS**

**SECTION 40111**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40111 .....	42 U.S.C. 16721(a), (b).	Pub. L. 109–155, title IV, § 421(a), (b), Dec. 30, 2005, 119 Stat. 2924.

**SECTION 40112**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40112(a) .....	42 U.S.C. 16722(b).	Pub. L. 109–155, title IV, § 422(b)–(g), Dec. 30, 2005, 119 Stat. 2925.
40112(b) .....	42 U.S.C. 16722(c).	
40112(c) .....	42 U.S.C. 16722(d).	
40112(d) .....	42 U.S.C. 16722(e).	
40112(e) .....	42 U.S.C. 16722(f).	
40112(f) .....	42 U.S.C. 16722(g).	

**SECTION 40113**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40113 .....	42 U.S.C. 16723.	Pub. L. 109–155, title IV, § 423, Dec. 30, 2005, 119 Stat. 2925.

In subsection (b), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

**SECTION 40114**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40114 .....	42 U.S.C. 16724.	Pub. L. 109–155, title IV, § 424, Dec. 30, 2005, 119 Stat. 2926.

In subsection (b), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

**SECTION 40115**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40115 .....	42 U.S.C. 16725.	Pub. L. 109–155, title IV, § 425, Dec. 30, 2005, 119 Stat. 2926.

## SECTION 40116

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40116 .....	42 U.S.C. 16727.	Pub. L. 109–155, title IV, § 427, Dec. 30, 2005, 119 Stat. 2926; Pub. L. 110–422, title III, § 308, Oct. 15, 2008, 122 Stat. 4788.

In subsection (b), the words “Centers for Research on Aviation Training” are substituted for “Centers” for clarity. There are references to both “Centers for Research on Aviation Training” and “Administration Centers” in subsection (a).

In subsection (d)(1), the words “proposed in the application submitted under subsection (c)” are substituted for “proposed by the Center in its application under subsection (c)” for clarity. Under section (c), applications are filed by an institution of higher education (or a consortium of such institutions) seeking funding, and not by the Center for which such funding is sought.

## SUBCHAPTER III—SCHOLARSHIPS

## SECTION 40131

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40131 .....	42 U.S.C. 16741.	Pub. L. 109–155, title IV, § 431, Dec. 30, 2005, 119 Stat. 2927.

In subsection (b), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

## SUBCHAPTER IV—DATA REQUESTS

## SECTION 40141

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40141 .....	42 U.S.C. 16751.	Pub. L. 109–155, title IV, § 441, Dec. 30, 2005, 119 Stat. 2927.

## CHAPTER 403—NATIONAL SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM

- Sec.
- 40301. Purposes.
  - 40302. Definitions.
  - 40303. National space grant college and fellowship program.
  - 40304. Grants or contracts.
  - 40305. Specific national needs.
  - 40306. Space grant college and space grant regional consortium.
  - 40307. Space grant fellowship program.
  - 40308. Space grant review panel.
  - 40309. Availability of other Federal personnel and data.

40310. Designation or award to be on competitive basis.

40311. Continuing emphasis.

#### SECTION 40301

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40301 .....	42 U.S.C. 2486a.	Pub. L. 100–147, title II, § 203, Oct. 30, 1987, 101 Stat. 869.

In paragraph (3), the word “that” is substituted for “, to” for clarity.

In paragraph (4), the words “in order to” are substituted for “to”, and the words “through such consortia” are added, for clarity.

#### SECTION 40302

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40302 .....	42 U.S.C. 2486b.	Pub. L. 100–147, title II, § 204, Oct. 30, 1987, 101 Stat. 870.

The definitions of “Administration” and “Administrator” in section 204 of the National Space Grant College and Fellowship Act (Public Law 100–147, title II, 101 Stat. 870) are omitted as unnecessary because of the definitions added by section 10101 of title 51.

#### SECTION 40303

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40303 .....	42 U.S.C. 2486c.	Pub. L. 100–147, title II, § 205, Oct. 30, 1987, 101 Stat. 871.

#### SECTION 40304

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40304 .....	42 U.S.C. 2486d.	Pub. L. 100–147, title II, § 206, Oct. 30, 1987, 101 Stat. 872.

In subsection (a), the words “not more than 66 percent” are substituted for “66 percent, or any lesser percent”, and the word “except” is substituted for “except that this limitation shall not apply”, for clarity and to eliminate unnecessary words.

In subsection (b), the words “up to 100 percent” are substituted for “100 percent, or any lesser percent” to eliminate unnecessary words.

#### SECTION 40305

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40305 .....	42 U.S.C. 2486e.	Pub. L. 100–147, title II, § 207, Oct. 30, 1987, 101 Stat. 873.



In subsection (a), the words “up to 100 percent” are substituted for “100 percent, or any lesser percent” to eliminate unnecessary words.

## SECTION 40306

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40306 .....	42 U.S.C. 2486f.	Pub. L. 100–147, title II, § 208, Oct. 30, 1987, 101 Stat. 873.

## SECTION 40307

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40307 .....	42 U.S.C. 2486g.	Pub. L. 100–147, title II, § 209, Oct. 30, 1987, 101 Stat. 874.

## SECTION 40308

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40308 .....	42 U.S.C. 2486h.	Pub. L. 100–147, title II, § 210, Oct. 30, 1987, 101 Stat. 874.

In subsection (a), the word “provisions” is substituted for “provisons” to correct an error in the law.

## SECTION 40309

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40309 .....	42 U.S.C. 2486i.	Pub. L. 100–147, title II, § 211, Oct. 30, 1987, 101 Stat. 875.

## SECTION 40310

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40310 .....	42 U.S.C. 2486k.	Pub. L. 100–147, title II, § 213, Oct. 30, 1987, 101 Stat. 875.

The date “October 30, 1987” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Space Grant College and Fellowship Act, which is title II of the National Aeronautics and Space Administration Authorization Act of 1988 (Public Law 100–147, 101 Stat. 860).

## SECTION 40311

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40311 .....	42 U.S.C. 17781(c).	Pub. L. 110–422, title VII, § 704(c), Oct. 15, 2008, 122 Stat. 4803.

**CHAPTER 405—BIOMEDICAL RESEARCH IN SPACE**

Sec.

40501. Biomedical research joint working group.  
 40502. Biomedical research grants.  
 40503. Biomedical research fellowships.  
 40504. Establishment of electronic data archive.  
 40505. Establishment of emergency medical service telemedicine capability.

**SECTION 40501**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40501 .....	42 U.S.C. 2487a.	Pub. L. 102-588, title VI, § 602, Nov. 4, 1992, 106 Stat. 5130.

**SECTION 40502**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40502 .....	42 U.S.C. 2487b.	Pub. L. 102-588, title VI, § 603, Nov. 4, 1992, 106 Stat. 5130.

**SECTION 40503**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40503 .....	42 U.S.C. 2487c.	Pub. L. 102-588, title VI, § 604, Nov. 4, 1992, 106 Stat. 5131.

**SECTION 40504**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40504 .....	42 U.S.C. 2487e.	Pub. L. 102-588, title VI, § 606, Nov. 4, 1992, 106 Stat. 5131.

**SECTION 40505**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40505 .....	42 U.S.C. 2487f.	Pub. L. 102-588, title VI, § 607, Nov. 4, 1992, 106 Stat. 5131; Pub. L. 109-295, title VI, § 612(c), Oct. 4, 2006, 120 Stat. 1410.

The words “Office of Foreign Disaster Assistance” are substituted for “Office of Foreign Disaster” to correct an error in the law.

**CHAPTER 407—ENVIRONMENTALLY FRIENDLY  
AIRCRAFT**

- Sec.  
 40701. Research and development initiative.  
 40702. Additional research and development initiative.  
 40703. Research alignment.  
 40704. Research program on perceived impact of sonic booms.

SECTION 40701

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40701 .....	42 U.S.C. 16722(a).	Pub. L. 109–155, title IV, §422(a), Dec. 30, 2005, 119 Stat. 2924.

In paragraphs (2) and (3), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

SECTION 40702

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40702 .....	42 U.S.C. 17721.	Pub. L. 110–422, title III, §302, Oct. 15, 2008, 122 Stat. 4786.

In paragraphs (1) and (2), the date “October 15, 2008” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2008 (Public Law 110–422, 122 Stat. 4779).

SECTION 40703

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40703 .....	42 U.S.C. 17722.	Pub. L. 110–422, title III, §303, Oct. 15, 2008, 122 Stat. 4787.

SECTION 40704

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40704(a) .....	42 U.S.C. 17723(b).	Pub. L. 110–422, title III, §304(b), (c), Oct. 15, 2008, 122 Stat. 4787.
40704(b) .....	42 U.S.C. 17723(c).	

**CHAPTER 409—MISCELLANEOUS**

- Sec.  
 40901. Science, Space, and Technology Education Trust Fund.  
 40902. National Aeronautics and Space Administration Endeavor Teacher Fellowship Trust Fund.

40903. Experimental Program to Stimulate Competitive Research—merit grant competition requirements.  
 40904. Microgravity research.  
 40905. Program to expand distance learning in rural underserved areas.  
 40906. Equal access to the Administration’s education programs.  
 40907. Museums.  
 40908. Continuation of certain education programs.  
 40909. Compliance with title IX of Education Amendments of 1972.

## SECTION 40901

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40901 .....	42 U.S.C. 2467.	Pub. L. 100–404, title II, (par. under heading “Science, Space, and Technology Education Trust Fund”, at 102 Stat. 1028), Aug. 19, 1988, 102 Stat. 1028; Pub. L. 103–327, title III, Sept. 28, 1994, 108 Stat. 2328.

In the first sentence, the words “the Department of Housing and Urban Development—Independent Agencies Appropriations Act, 1989 (Public Law 100–404, 102 Stat. 1014)” are substituted for “this Act” to clarify the reference.

In the second sentence, the words “of the Treasury” are inserted after “the Secretary” for clarity.

In the sixth sentence, the word “hereafter”, which appeared after “each calendar quarter”, is omitted as unnecessary.

## SECTION 40902

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40902 .....	42 U.S.C. 2467a.	Pub. L. 102–195, § 20, Dec. 9, 1991, 105 Stat. 1615.

In subsection (a), the words “The Trust Fund shall consist of amounts” are substituted for “The Trust Fund shall consist of gifts and donations accepted by the National Aeronautics and Space Administration pursuant to section 208 of the National Aeronautics and Space Act of 1958 (42 U.S.C. 2476b), as well as other amounts” because the Administration’s authority to accept gifts or donations under section 208 of the National Aeronautics and Space Act of 1958 terminated 5 years after October 30, 1987.

## SECTION 40903

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40903(a) .....	42 U.S.C. 2467b(c).	Pub. L. 102–588, title III, § 304, Nov. 4, 1992, 106 Stat. 5120.
40903(b) .....	42 U.S.C. 2467b(a).	
40903(c) .....	42 U.S.C. 2467b(b).	
40903(d) .....	42 U.S.C. 17781(b).	Pub. L. 110–422, title VII, § 704(b), Oct. 15, 2008, 122 Stat. 4802.

In subsection (d) the words “eligible States” are substituted for “EPSCoR States” for clarity and consistency in the section.

## SECTION 40904

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40904(1) .....	42 U.S.C. 16655(2).	Pub. L. 109–155, title III, § 305(2), (3), Dec. 30, 2005, 119 Stat. 2918.
40904(2) .....	42 U.S.C. 16655(3).	

## SECTION 40905

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40905 .....	42 U.S.C. 16791.	Pub. L. 109–155, title VI, § 612, Dec. 30, 2005, 119 Stat. 2932.

## SECTION 40906

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40906 .....	42 U.S.C. 16794.	Pub. L. 109–155, title VI, § 615, Dec. 30, 2005, 119 Stat. 2934.

In subsection (b), in the matter before paragraph (1), the words “Every 2 years” are substituted for “Not later than 1 year after the date of enactment of this Act [December 30, 2005], and every 2 years thereafter” to eliminate obsolete language.

In subsection (b), in the matter before paragraph (1), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

## SECTION 40907

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40907 .....	42 U.S.C. 16795.	Pub. L. 109–155, title VI, § 616, Dec. 30, 2005, 119 Stat. 2934.

## SECTION 40908

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40908 .....	42 U.S.C. 16797.	Pub. L. 109–155, title VI, § 618, Dec. 30, 2005, 119 Stat. 2934.

## SECTION 40909

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40909 .....	42 U.S.C. 16798(b).	Pub. L. 109–155, title VI, § 619(b), Dec. 30, 2005, 119 Stat. 2935.

## Subtitle V—Programs Targeting Commercial Opportunities

### CHAPTER 501—SPACE COMMERCE

#### SUBCHAPTER I—GENERAL

Sec.

50101. Definitions.

#### SUBCHAPTER II—PROMOTION OF COMMERCIAL SPACE OPPORTUNITIES

- 50111. Commercialization of Space Station.
- 50112. Promotion of United States Global Positioning System standards.
- 50113. Acquisition of space science data.
- 50114. Administration of commercial space centers.
- 50115. Sources of Earth science data.
- 50116. Commercial technology transfer program.

#### SUBCHAPTER III—FEDERAL ACQUISITION OF SPACE TRANSPORTATION SERVICES

- 50131. Requirement to procure commercial space transportation services.
- 50132. Acquisition of commercial space transportation services.
- 50133. Shuttle privatization.
- 50134. Use of excess intercontinental ballistic missiles.

#### SUBCHAPTER I—GENERAL

##### SECTION 50101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50101 .....	42 U.S.C. 14701.	Pub. L. 105–303, § 2, Oct. 28, 1998, 112 Stat. 2843.

The definition of “Administrator” in section 2 of the Commercial Space Act of 1998 (Public Law 105–303, 112 Stat. 2843) is omitted as unnecessary because of the definition added by section 10101 of title 51.

#### SUBCHAPTER II—PROMOTION OF COMMERCIAL SPACE OPPORTUNITIES

##### SECTION 50111

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50111(a) .....	42 U.S.C. 14711(a).	Pub. L. 105–303, title I, § 101(a), Oct. 28, 1998, 112 Stat. 2845.
50111(b) .....	42 U.S.C. 17801.	Pub. L. 110–422, title IX, § 902, Oct. 15, 2008, 122 Stat. 4805.

In subsection (b)(1)(D), the date “October 15, 2008” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2008 (Public Law 110–422, 122 Stat. 4779).

## SECTION 50112

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50112 .....	42 U.S.C. 14712(b).	Pub. L. 105–303, title I, § 104(b), Oct. 28, 1998, 112 Stat. 2852.

## SECTION 50113

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50113 .....	42 U.S.C. 14713.	Pub. L. 105–303, title I, § 105, Oct. 28, 1998, 112 Stat. 2852.

## SECTION 50114

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50114 .....	42 U.S.C. 14714.	Pub. L. 105–303, title I, § 106, Oct. 28, 1998, 112 Stat. 2853.

## SECTION 50115

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50115(a) .....	42 U.S.C. 14715(a).	Pub. L. 105–303, title I, § 107(a), (b), (d), (e), Oct. 28, 1998, 112 Stat. 2853, 2854.
50115(b) .....	42 U.S.C. 14715(b).	
50115(c) .....	42 U.S.C. 14715(d).	
50115(d) .....	42 U.S.C. 14715(e).	

## SECTION 50116

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50116 .....	42 U.S.C. 16811.	Pub. L. 109–155, title VI, § 621, Dec. 30, 2005, 119 Stat. 2935.

This section restates provisions originally enacted as part of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895), and not as part of the Commercial Space Act of 1998 (Public Law 105–303, 112 Stat. 2843), which is generally restated in this chapter.

In subsection (a), in the last sentence, the word “Administration” is substituted for “agency” for clarity and because of the definition of “Administration” added by section 10101 of title 51.

In subsection (b), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

**SUBCHAPTER III—FEDERAL ACQUISITION OF SPACE  
TRANSPORTATION SERVICES**

**SECTION 50131**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50131(a) .....	42 U.S.C. 14731(a).	Pub. L. 105–303, title II, § 201, Oct. 28, 1998, 112 Stat. 2854.
50131(b) .....	42 U.S.C. 14731(b) (less last sentence).	
50131(c) .....	42 U.S.C. 14731(b) (last sentence).	
50131(d) .....	42 U.S.C. 14731(c).	
50131(e) .....	42 U.S.C. 14731(d).	

In subsection (d), the date “October 28, 1998” is substituted for “the date of the enactment of this Act” and for “such date” to reflect the date of enactment of the Commercial Space Act of 1998 (Public Law 105–303, 112 Stat. 2843).

**SECTION 50132**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50132 .....	42 U.S.C. 14732.	Pub. L. 105–303, title II, § 202, Oct. 28, 1998, 112 Stat. 2855.

**SECTION 50133**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50133 .....	42 U.S.C. 14733(a).	Pub. L. 105–303, title II, § 204(a), Oct. 28, 1998, 112 Stat. 2856.

**SECTION 50134**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50134 .....	42 U.S.C. 14734.	Pub. L. 105–303, title II, § 205, Oct. 28, 1998, 112 Stat. 2857; Pub. L. 106–65, div. A, title X, § 1067(21), Oct. 5, 1999, 113 Stat. 775.

In subsection (b)(1), in the matter before subparagraph (A), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

**CHAPTER 503—COMMERCIAL REUSABLE IN-SPACE  
TRANSPORTATION**

Sec.

50301. Definitions.

50302. Loan guarantees for production of commercial reusable in-space transportation.



## SECTION 50301

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50301 .....	42 U.S.C. 14753.	Pub. L. 107-248, title IX, § 904, Oct. 23, 2002, 116 Stat. 1576.

## SECTION 50302

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50302 .....	42 U.S.C. 14752.	Pub. L. 107-248, title IX, § 903, Oct. 23, 2002, 116 Stat. 1574.

In subsection (f)(2), the word “forbear” is substituted for “forebear” to correct an error in the law.

In subsection (g)(1), the words “services or systems” are substituted for “services or system” to correct an error in the law.

**CHAPTER 505—COMMERCIAL SPACE COMPETITIVENESS**

Sec.

- 50501. Definitions.
- 50502. Launch voucher demonstration program.
- 50503. Anchor tenancy and termination liability.
- 50504. Use of Government facilities.
- 50505. Test facilities.
- 50506. Commercial Space Achievement Award.

## SECTION 50501

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50501 .....	15 U.S.C. 5802.	Pub. L. 102-588, title V, § 502, Nov. 4, 1992, 106 Stat. 5123.

## SECTION 50502

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50502 .....	15 U.S.C. 5803(a)–(c).	Pub. L. 102-588, title V, § 504(a)–(c), Nov. 4, 1992, 106 Stat. 5124; Pub. L. 105-303, title I, § 103, Oct. 28, 1998, 112 Stat. 2851.

In subsection (a), the words “to become effective October 1, 1993”, which appeared at the end, are omitted as obsolete.

## SECTION 50503

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50503 .....	15 U.S.C. 5806.	Pub. L. 102-588, title V, § 507, Nov. 4, 1992, 106 Stat. 5127.

## SECTION 50504

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50504 .....	15 U.S.C. 5807.	Pub. L. 102-588, title V, § 508, Nov. 4, 1992, 106 Stat. 5128.

## SECTION 50505

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50505 .....	42 U.S.C. 16634.	Pub. L. 109-155, title II, § 205, Dec. 30, 2005, 119 Stat. 2916.

This section restates provisions originally enacted as part of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109-155, 119 Stat. 2895), and not as part of title V of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1993 (Public Law 102-588, 106 Stat. 5107), which is generally restated in this chapter.

In subsection (a), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

## SECTION 50506

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50506 .....	15 U.S.C. 5808.	Pub. L. 102-588, title V, § 510, Nov. 4, 1992, 106 Stat. 5129.

In subsection (b), in the matter before paragraph (1), the words “The Secretary of Commerce shall periodically make awards” are substituted for “The Secretary of Commerce shall periodically make, and the Chairman of the National Space Council shall present, awards” to eliminate obsolete language. The reference to the Chairman of the National Space Council is obsolete because the National Space Council (established by section 501 of the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1989 (Public Law 100-685, 102 Stat. 4102)) has not functioned or been staffed since 1993.

**CHAPTER 507—OFFICE OF SPACE COMMERCIALIZATION**

- Sec.  
 50701. Definition of Office.  
 50702. Establishment.  
 50703. Annual report.

## SECTION 50701

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50701 .....	(no source)	

A chapter-wide definition for the term “Office” is added for clarity and convenience.

## SECTION 50702

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50702 .....	15 U.S.C. 1511e.	Pub. L. 105–309, § 8, Oct. 30, 1998, 112 Stat. 2937; Pub. L. 107–305, § 14, Nov. 27, 2002, 116 Stat. 2380; Pub. L. 108–447, div. B, title II, Dec. 8, 2004, 118 Stat. 2878.

## SECTION 50703

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
50703 .....	15 U.S.C. 1535.	Pub. L. 101–611, title I, § 115(b), Nov. 16, 1990, 104 Stat. 3201.

The words “The Secretary of Commerce shall submit an annual report” are substituted for “Commencing in fiscal year 1992, and every fiscal year thereafter, the Secretary of Commerce shall submit . . . a report” to eliminate unnecessary words.

The word “Office”, meaning the Office of Space Commercialization, is substituted for “Office of Space Commerce” to correct an error in the law.

The words “Committee on Science and Technology” are substituted for “Committee on Science, Space, and Technology” on authority of section 1(a)(10) of Public Law 104–14 (2 U.S.C. note prec. 21), Rule X(1)(n) of the Rules of the House of Representatives, adopted by House Resolution No. 5 (106th Congress, January 6, 1999), and Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

## Subtitle VI—Earth Observations

### CHAPTER 601—LAND REMOTE SENSING POLICY

#### SUBCHAPTER I—GENERAL

Sec.

60101. Definitions.

#### SUBCHAPTER II—LANDSAT

60111. Landsat Program Management.

60112. Transfer of Landsat 6 program responsibilities.

60113. Data policy for Landsat 7.

#### SUBCHAPTER III—LICENSING OF PRIVATE REMOTE SENSING SPACE SYSTEMS

60121. General licensing authority.

60122. Conditions for operation.

60123. Administrative authority of Secretary.

60124. Regulatory authority of Secretary.

60125. Agency activities.

## SUBCHAPTER IV—RESEARCH, DEVELOPMENT, AND DEMONSTRATION

- 60131. Continued Federal research and development.
- 60132. Availability of federally gathered unenhanced data.
- 60133. Technology demonstration program.
- 60134. Preference for private sector land remote sensing system.

## SUBCHAPTER V—GENERAL PROVISIONS

- 60141. Nondiscriminatory data availability.
- 60142. Archiving of data.
- 60143. Nonreproduction.
- 60144. Reimbursement for assistance.
- 60145. Acquisition of equipment.
- 60146. Radio frequency allocation.
- 60147. Consultation.
- 60148. Enforcement.

## SUBCHAPTER VI—PROHIBITION OF COMMERCIALIZATION OF WEATHER SATELLITES

- 60161. Prohibition.
- 60162. Future considerations.

## SUBCHAPTER I—GENERAL

## SECTION 60101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60101 .....	15 U.S.C. 5602.	Pub. L. 102-555, § 3, Oct. 28, 1992, 106 Stat. 4164.

The definition of “Administrator” in section 3 of the Land Remote Sensing Policy Act of 1992 (Public Law 102-555, 106 Stat. 4164) is omitted as unnecessary because of the definition added by section 10101 of title 51.

## SUBCHAPTER II—LANDSAT

## SECTION 60111

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60111 .....	15 U.S.C. 5611.	Pub. L. 102-555, title I, § 101, Oct. 28, 1992, 106 Stat. 4166.

In subsection (b), in the matter before paragraph (1), after the words “funding expectations for the Landsat”, the word “program” is set out without being capitalized to correct an error in the law.

In subsection (c)(6), the words “sections 102 and 103 of the Land Remote Sensing Policy Act of 1992 (Public Law 102-555, 106 Stat. 4168)” are substituted for “sections 102 and 103” to clarify the reference. The reference to sections 102 and 103 of the Land Remote Sensing Policy Act of 1992 is retained in text, notwithstanding the fact that sections 102 and 103 of the Act are repealed as obsolete, because oversight responsibilities may continue for contracts entered into under the now obsolete provisions.

In subsection (e)(2), in the matter before subparagraph (A), the word “biennially” is substituted for “Within 1 year after the date of the enactment of this Act and biennially thereafter,” to eliminate obsolete language.

## SECTION 60112

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60112 .....	15 U.S.C. 5614.	Pub. L. 102-555, title I, § 104, Oct. 28, 1992, 106 Stat. 4170.

## SECTION 60113

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60113 .....	15 U.S.C. 5615(a), (b).	Pub. L. 102-555, title I, § 105(a), (b), Oct. 28, 1992, 106 Stat. 4170.

SUBCHAPTER III—LICENSING OF PRIVATE REMOTE  
SENSING SPACE SYSTEMS

## SECTION 60121

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60121 .....	15 U.S.C. 5621.	Pub. L. 102-555, title II, § 201, Oct. 28, 1992, 106 Stat. 4171; Pub. L. 105-303, title I, § 107(f)(1), Oct. 28, 1998, 112 Stat. 2854.

In subsection (b)(2), the words “within 6 months after the date of the enactment of the Commercial Space Act of 1998” are omitted as obsolete.

## SECTION 60122

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60122 .....	15 U.S.C. 5622.	Pub. L. 102-555, title II, § 202, Oct. 28, 1992, 106 Stat. 4172; Pub. L. 105-303, title I, § 107(f)(2), Oct. 28, 1998, 112 Stat. 2854.

In subsection (c), in the matter before paragraph (1), the words “subsection (b)” are substituted for “paragraph (b)” to correct an error in the law.

## SECTION 60123

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60123 .....	15 U.S.C. 5623.	Pub. L. 102-555, title II, § 203, Oct. 28, 1992, 106 Stat. 4172.

In subsection (a), at the end of paragraph (2), a semicolon is substituted for the period to correct an error in the law.

## SECTION 60124

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60124 .....	15 U.S.C. 5624.	Pub. L. 102-555, title II, § 204, Oct. 28, 1992, 106 Stat. 4173.

## SECTION 60125

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60125 .....	15 U.S.C. 5625.	Pub. L. 102-555, title II, § 205, Oct. 28, 1992, 106 Stat. 4173.

## SUBCHAPTER IV—RESEARCH, DEVELOPMENT, AND DEMONSTRATION

## SECTION 60131

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60131 .....	15 U.S.C. 5631.	Pub. L. 102-555, title III, § 301, Oct. 28, 1992, 106 Stat. 4174.

## SECTION 60132

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60132 .....	15 U.S.C. 5632.	Pub. L. 102-555, title III, § 302, Oct. 28, 1992, 106 Stat. 4174.

In subsection (b), the word “affect” is substituted for “effect” to correct an error in the law.

## SECTION 60133

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60133 .....	15 U.S.C. 5633(a)–(e).	Pub. L. 102-555, title III, § 303(a)–(e), Oct. 28, 1992, 106 Stat. 4174.

In subsection (a)(1), the date “October 28, 1992” is substituted for “the date of the enactment of this Act” to reflect the date of enactment of the Land Remote Sensing Policy Act of 1992 (Public Law 102-555, 106 Stat. 4163). At the end of paragraph (1), a semicolon is substituted for the period to correct an error in the law.

## SECTION 60134

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60134(a) .....	15 U.S.C. 5641(c).	Pub. L. 102-555, title IV, § 401(b), (c), Oct. 28, 1992, 106 Stat. 4176.
60134(b) .....	15 U.S.C. 5641(b).	

In subsection (b), in the matter before paragraph (1), the words “In carrying out subsection (a), the Landsat Program Management shall consider the ability of each of the options to” are omitted as obsolete. The omitted words refer to section 401(a) of the Land Remote Sensing Policy Act of 1992 (15 U.S.C. 5641(a)), which required, within 5 years after October 28, 1992, the Landsat Program Management, in consultation with representatives of appropriate United States Government agencies, to assess and report to Congress on options for a successor land remote sensing system to Landsat 7.

In subsection (b)(3), the words “otherwise projected to be in operation in the future” are substituted for “projected to be in operation through the year 2000” to eliminate obsolete language.

## SUBCHAPTER V—GENERAL PROVISIONS

### SECTION 60141

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60141 .....	15 U.S.C. 5651.	Pub. L. 102-555, title V, § 501, Oct. 28, 1992, 106 Stat. 4176.

### SECTION 60142

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60142 .....	15 U.S.C. 5652.	Pub. L. 102-555, title V, § 502, Oct. 28, 1992, 106 Stat. 4176.

In subsection (b), the words “hereafter in this section” are substituted for “hereinafter” for clarity.

In subsection (c), in the matter before paragraph (1), the words “of the Interior” are substituted for “of Interior” to correct an error in the law.

In subsection (c)(1), the date “October 28, 1992” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the Land Remote Sensing Policy Act of 1992 (Public Law 102-555, 106 Stat. 4163).

### SECTION 60143

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60143 .....	15 U.S.C. 5653.	Pub. L. 102-555, title V, § 503, Oct. 28, 1992, 106 Stat. 4177.

### SECTION 60144

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60144 .....	15 U.S.C. 5654.	Pub. L. 102-555, title V, § 504, Oct. 28, 1992, 106 Stat. 4177.

## SECTION 60145

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60145 .....	15 U.S.C. 5655.	Pub. L. 102-555, title V, § 505, Oct. 28, 1992, 106 Stat. 4177.

## SECTION 60146

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60146 .....	15 U.S.C. 5656.	Pub. L. 102-555, title V, § 506, Oct. 28, 1992, 106 Stat. 4177.

## SECTION 60147

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60147 .....	15 U.S.C. 5657.	Pub. L. 102-555, title V, § 507, Oct. 28, 1992, 106 Stat. 4178.

## SECTION 60148

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60148 .....	15 U.S.C. 5658.	Pub. L. 102-555, title V, § 508, Oct. 28, 1992, 106 Stat. 4179.

In subsection (d), in the second sentence, the words “have been, or are being” are substituted for “has been, or is being” to correct an error in the law.

SUBCHAPTER VI—PROHIBITION OF COMMERCIALIZATION  
OF WEATHER SATELLITES

## SECTION 60161

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60161 .....	15 U.S.C. 5671.	Pub. L. 102-555, title VI, § 601, Oct. 28, 1992, 106 Stat. 4179.

## SECTION 60162

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60162 .....	15 U.S.C. 5672.	Pub. L. 102-555, title VI, § 602, Oct. 28, 1992, 106 Stat. 4180.

The date “October 28, 1992” is substituted for “the enactment of this Act” to reflect the date of enactment of the Land Remote Sensing Policy Act of 1992 (Public Law 102-555, 106 Stat. 4163).



**CHAPTER 603—REMOTE SENSING**

- Sec.  
 60301. Definitions.  
 60302. General responsibilities.  
 60303. Pilot projects to encourage public sector applications.  
 60304. Program evaluation.  
 60305. Data availability.  
 60306. Education.

**SECTION 60301**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60301 .....	42 U.S.C. 16671.	Pub. L. 109–155, title III, § 311, Dec. 30, 2005, 119 Stat. 2920.

**SECTION 60302**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60302 .....	42 U.S.C. 16672.	Pub. L. 109–155, title III, § 312, Dec. 30, 2005, 119 Stat. 2920.

**SECTION 60303**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60303 .....	42 U.S.C. 16673.	Pub. L. 109–155, title III, § 313, Dec. 30, 2005, 119 Stat. 2921.

**SECTION 60304**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60304 .....	42 U.S.C. 16674.	Pub. L. 109–155, title III, § 314, Dec. 30, 2005, 119 Stat. 2921.

**SECTION 60305**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60305 .....	42 U.S.C. 16675.	Pub. L. 109–155, title III, § 315, Dec. 30, 2005, 119 Stat. 2922.

**SECTION 60306**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60306 .....	42 U.S.C. 16676.	Pub. L. 109–155, title III, § 316, Dec. 30, 2005, 119 Stat. 2922.

**CHAPTER 605—EARTH SCIENCE**

Sec.	
60501.	Goal.
60502.	Transitioning experimental research into operational services.
60503.	Reauthorization of Glory Mission.
60504.	Tornadoes and other severe storms.
60505.	Coordination with the National Oceanic and Atmospheric Administration.
60506.	Sharing of climate related data.

**SECTION 60501**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60501 .....	42 U.S.C. 17711.	Pub. L. 110–422, title II, § 201, Oct. 15, 2008, 122 Stat. 4784.

**SECTION 60502**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60502(a) .....	42 U.S.C. 17712(b).	Pub. L. 110–422, title II, § 204(b), (c), (d), Oct. 15, 2008, 122 Stat. 4785.
60502(b) .....	42 U.S.C. 17712(c).	
60502(c) .....	42 U.S.C. 17712(d).	

**SECTION 60503**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60503 .....	42 U.S.C. 17713(a).	Pub. L. 110–422, title II, § 206(a), Oct. 15, 2008, 122 Stat. 4785.

**SECTION 60504**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60504 .....	42 U.S.C. 17714.	Pub. L. 110–422, title II, § 208, Oct. 15, 2008, 122 Stat. 4786.

**SECTION 60505**

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60505 .....	42 U.S.C. 16656.	Pub. L. 109–155, title III, § 306, Dec. 30, 2005, 119 Stat. 2919.

In subsection (b), the words “beginning with the first fiscal year after the date of enactment of this Act [December 30, 2005]” are omitted as obsolete.

In subsection (b), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

## SECTION 60506

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
60506 .....	42 U.S.C. 17825(c).	Pub. L. 110-422, title XI, § 1109(c), Oct. 15, 2008, 122 Stat. 4811.

**Subtitle VII—Access to Space****CHAPTER 701—USE OF SPACE SHUTTLE OR ALTERNATIVES**

Sec.

70101. Recovery of fair value of placing Department of Defense payloads in orbit with space shuttle.
70102. Space shuttle use policy.
70103. Commercial payloads on space shuttle.

## SECTION 70101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70101 .....	42 U.S.C. 2464.	Pub. L. 97-324, title I, § 106(a), Oct. 15, 1982, 96 Stat. 1600.

## SECTION 70102

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70102(a) .....	42 U.S.C. 2465a(a).	Pub. L. 101-611, title I, § 112(a), (c), (d), Nov. 16, 1990, 104 Stat. 3198, 3199.
70102(b) .....	42 U.S.C. 2465a(c).	
70102(c) .....	42 U.S.C. 2465a(d).	

## SECTION 70103

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70103(a) .....	42 U.S.C. 2465c.	Pub. L. 101-611, title II, § 203, Nov. 16, 1990, 104 Stat. 3206; Pub. L. 105-303, title II, § 203(2), Oct. 28, 1998, 112 Stat. 2855.
70103(b) .....	42 U.S.C. 2465f.	

In subsection (a), the words “this section” are substituted for “this title”, meaning title II of Public Law 101-611, because title II of Public Law 101-611 was previously repealed except for section 201 (a short title provision, classified to 42 U.S.C. 2451 note, in which neither defined term appears) and sections 203 (42 U.S.C. 2465c) and 206 (42 U.S.C. 2465f) of Public Law 101-611, which are restated in this section.

## CHAPTER 703—SHUTTLE PRICING POLICY FOR COMMERCIAL AND FOREIGN USERS

- Sec.  
70301. Congressional findings and declarations.  
70302. Purpose, policy, and goals.  
70303. Definition of additive cost.  
70304. Duties of Administrator.

### SECTION 70301

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70301 .....	42 U.S.C. 2466.	Pub. L. 99-170, title II, § 201, Dec. 5, 1985, 99 Stat. 1017.

### SECTION 70302

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70302 .....	42 U.S.C. 2466a.	Pub. L. 99-170, title II, § 202, Dec. 5, 1985, 99 Stat. 1017.

### SECTION 70303

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70303 .....	42 U.S.C. 2466b.	Pub. L. 99-170, title II, § 203, Dec. 5, 1985, 99 Stat. 1017.

The definition of “Administrator” in section 203(1) of the National Aeronautics and Space Administration Authorization Act of 1986 (Public Law 99-170, 99 Stat. 1017) is omitted as unnecessary because of the definition added by section 10101 of title 51.

### SECTION 70304

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70304 .....	42 U.S.C. 2466c.	Pub. L. 99-170, title II, § 204, Dec. 5, 1985, 99 Stat. 1017; Pub. L. 103-437, § 15(c)(5), Nov. 2, 1994, 108 Stat. 4592.

In subsections (b) and (c)(1), the words “Committee on Science and Technology” are substituted for “Committee on Science, Space, and Technology” on authority of section 1(a)(10) of Public Law 104-14 (2 U.S.C. note prec. 21), Rule X(1)(n) of the Rules of the House of Representatives, adopted by House Resolution No. 5 (106th Congress, January 6, 1999), and Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

## CHAPTER 705—EXPLORATION INITIATIVES

- Sec.  
70501. Space shuttle follow-on.

70502. Exploration plan and programs.  
 70503. Ground-based analog capabilities.  
 70504. Stepping stone approach to exploration.  
 70505. Lunar outpost.  
 70506. Exploration technology research.  
 70507. Technology development.  
 70508. Robotic or human servicing of spacecraft.

## SECTION 70501

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70501(a) .....	42 U.S.C. 16761(a).	Pub. L. 109–155, title V, § 501(a), (b), Dec. 30, 2005, 119 Stat. 2927.
70501(b) .....	42 U.S.C. 16761(b).	

In subsection (b), the words “The Administrator shall transmit an annual report” are substituted for “Not later than 180 days after the date of enactment of this Act [December 30, 2005] and annually thereafter, the Administrator shall transmit a report” to eliminate obsolete language.

In subsection (b), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

## SECTION 70502

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70502 .....	42 U.S.C. 16763.	Pub. L. 109–155, title V, § 503, Dec. 30, 2005, 119 Stat. 2929.

## SECTION 70503

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70503 .....	42 U.S.C. 16764.	Pub. L. 109–155, title V, § 504, Dec. 30, 2005, 119 Stat. 2929.

## SECTION 70504

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70504 .....	42 U.S.C. 17731.	Pub. L. 110–422, title IV, § 403, Oct. 15, 2008, 122 Stat. 4789.

## SECTION 70505

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70505(a) .....	42 U.S.C. 17732(a).	Pub. L. 110–422, title IV, § 404(a), (b), Oct. 15, 2008, 122 Stat. 4789.
70505(b) .....	42 U.S.C. 17732(b).	

## SECTION 70506

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70506 .....	42 U.S.C. 17733(b).	Pub. L. 110-422, title IV, §405(b), Oct. 15, 2008, 122 Stat. 4789.

## SECTION 70507

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70507 .....	42 U.S.C. 17741.	Pub. L. 110-422, title V, § 501, Oct. 15, 2008, 122 Stat. 4791.

## SECTION 70508

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70508 .....	42 U.S.C. 17742.	Pub. L. 110-422, title V, § 502, Oct. 15, 2008, 122 Stat. 4791.

## CHAPTER 707—HUMAN SPACE FLIGHT INDEPENDENT INVESTIGATION COMMISSION

Sec.

- 70701. Definitions.
- 70702. Establishment of Commission.
- 70703. Tasks of Commission.
- 70704. Composition of Commission.
- 70705. Powers of Commission.
- 70706. Public meetings, information, and hearings.
- 70707. Staff of Commission.
- 70708. Compensation and travel expenses.
- 70709. Security clearances for Commission members and staff.
- 70710. Reporting requirements and termination.

## SECTION 70701

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70701 .....	42 U.S.C. 16841.	Pub. L. 109-155, title V, § 821, Dec. 30, 2005, 119 Stat. 2941.

## SECTION 70702

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70702 .....	42 U.S.C. 16842.	Pub. L. 109-155, title V, § 822, Dec. 30, 2005, 119 Stat. 2941.

## SECTION 70703

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70703 .....	42 U.S.C. 16843.	Pub. L. 109–155, title V, § 823, Dec. 30, 2005, 119 Stat. 2941.

## SECTION 70704

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70704(a) .....	42 U.S.C. 16844(a).	Pub. L. 109–155, title V, § 824, Dec. 30, 2005, 119 Stat. 2942.
70704(b) .....	42 U.S.C. 16844(b).	
70704(c) .....	42 U.S.C. 16844(c).	
70704(d) .....	42 U.S.C. 16844(d).	
70704(e) .....	42 U.S.C. 16844(e) (1st sentence).	
70704(f) .....	42 U.S.C. 16844(e) (2d sentence).	
70704(g) .....	42 U.S.C. 16844(e) (last sentence).	

## SECTION 70705

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70705 .....	42 U.S.C. 16845.	Pub. L. 109–155, title V, § 825, Dec. 30, 2005, 119 Stat. 2942.

## SECTION 70706

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70706 .....	42 U.S.C. 16846.	Pub. L. 109–155, title V, § 826, Dec. 30, 2005, 119 Stat. 2943.

## SECTION 70707

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70707 .....	42 U.S.C. 16847.	Pub. L. 109–155, title V, § 827, Dec. 30, 2005, 119 Stat. 2943.

In subsection (c), in the 1st sentence, the words “the daily equivalent of the annual rate of basic pay in effect for positions at level IV of the Executive Schedule under section 5315 of title 5” are substituted for “the daily rate paid a person occupying a position at level IV of the Executive Schedule under section 5315 of title 5” for consistency in title 51.

In subsection (c), in the last sentence, the words “the expert or consultant” are substituted for “it” for clarity.

## SECTION 70708

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70708 .....	42 U.S.C. 16848.	Pub. L. 109–155, title V, § 828, Dec. 30, 2005, 119 Stat. 2944.

In subsection (a), the words “at a rate not to exceed the daily equivalent of the annual rate” for “at not to exceed the daily equivalent of the annual rate” for consistency in title 51.

In subsection (b), the words “section 5703 of title 5” are substituted for “section 5703(b) of title 5” to correct an error in the law. Section 5703 of title 5, United States Code, does not contain a subsection (b).

## SECTION 70709

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70709 .....	42 U.S.C. 16849.	Pub. L. 109–155, title V, § 829, Dec. 30, 2005, 119 Stat. 2944.

## SECTION 70710

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70710 .....	42 U.S.C. 16850.	Pub. L. 109–155, title V, § 830, Dec. 30, 2005, 119 Stat. 2944.

**CHAPTER 709—INTERNATIONAL SPACE STATION**

Sec.

- 70901. Peaceful uses of space station.
- 70902. Allocation of International Space Station research budget.
- 70903. International Space Station research.
- 70904. International Space Station completion.
- 70905. National laboratory designation.
- 70906. International Space Station National Laboratory Advisory Committee.
- 70907. Maintaining use through at least 2020.

## SECTION 70901

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70901 .....	(not previously classified)	Pub. L. 101–611, title I, § 123, Nov. 16, 1990, 104 Stat. 3204.

The words “the National Aeronautics and Space Administration Authorization Act, Fiscal Year 1991 (Public Law 101–611, 104 Stat. 3190)” are substituted for “this Act” to clarify the reference.

## SECTION 70902

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70902 .....	42 U.S.C. 16633.	Pub. L. 109–155, title II, § 204, Dec. 30, 2005, 119 Stat. 2916.



The words “Beginning with fiscal year 2006”, which appeared at the beginning of this section, are omitted as obsolete.

## SECTION 70903

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70903 .....	42 U.S.C. 16766(1), (2).	Pub. L. 109–155, title V, § 506(1), (2), Dec. 30, 2005, 119 Stat. 2930.

## SECTION 70904

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70904 .....	42 U.S.C. 16765.	Pub. L. 109–155, title V, § 505, Dec. 30, 2005, 119 Stat. 2929.

In subsections (b)(3) and (c)(2), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

In subsections (b)(3) and (c)(2), the date “December 30, 2005” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109–155, 119 Stat. 2895).

In subsection (c)(2) the words “Not later than 60 days after the date of enactment of this Act [December 30, 2005], and” are omitted as obsolete.

## SECTION 70905

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70905(a) .....	42 U.S.C. 16767(d).	Pub. L. 109–155, title V, § 507(a), (b), (d), Dec. 30, 2005, 119 Stat. 2930, 2931.
70905(b) .....	42 U.S.C. 16767(a).	
70905(c) .....	42 U.S.C. 16767(b).	

## SECTION 70906

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70906 .....	42 U.S.C. 17752.	Pub. L. 110–422, title VI, § 602, Oct. 15, 2008, 122 Stat. 4795.

In subsection (a), the date “October 15, 2008” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2008 (Public Law 110–422, 122 Stat. 4779).

## SECTION 70907

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
70907 .....	42 U.S.C. 17751(a).	Pub. L. 110-422, title VI, § 601(a), Oct. 15, 2008, 122 Stat. 4793.

**CHAPTER 711—NEAR-EARTH OBJECTS**

Sec.

71101. Reaffirmation of policy.

71102. Requests for information.

71103. Developing policy and recommending responsible Federal agency.

71104. Planetary radar.

## SECTION 71101

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
71101 .....	42 U.S.C. 17791(a).	Pub. L. 110-422, title VIII, § 801(a), Oct. 15, 2008, 122 Stat. 4803.

## SECTION 71102

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
71102 .....	42 U.S.C. 17793.	Pub. L. 110-422, title VIII, § 803, Oct. 15, 2008, 122 Stat. 4803.

## SECTION 71103

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
71103 .....	42 U.S.C. 17794.	Pub. L. 110-422, title VIII, § 804, Oct. 15, 2008, 122 Stat. 4804.

In the matter before paragraph (1), the date “October 15, 2008” is substituted for “the date of enactment of this Act” to reflect the date of enactment of the National Aeronautics and Space Administration Authorization Act of 2008.

## SECTION 71104

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
71104 .....	42 U.S.C. 17795.	Pub. L. 110-422, title VIII, § 805, Oct. 15, 2008, 122 Stat. 4804.

**CHAPTER 713—COOPERATION FOR SAFETY AMONG SPACEFARING NATIONS**

Sec.

71301. Common docking system standard to enable rescue.

71302. Information sharing to avoid physical or radio-frequency interference.

## SECTION 71301

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
71301 .....	42 U.S.C. 17734.	Pub. L. 110-422, title IV, § 407, Oct. 15, 2008, 122 Stat. 4790.

## SECTION 71302

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
71302 .....	42 U.S.C. 17821(b).	Pub. L. 110-422, title XI, § 1102(b), Oct. 15, 2008, 122 Stat. 4808.

## SECTION 4—CONFORMING AMENDMENTS TO OTHER LAWS

Section 4 of the bill makes conforming amendments.

Subsections (a) to (c) make conforming amendments to update cross references in positive law titles of the United States Code.

Subsection (d) renumbers and transfers chapters 701 and 703 of title 49, United States Code, as chapters 509 and 511, respectively, of title 51, United States Code. Subsection (d) also makes related conforming amendments to update cross references and execute other necessary technical changes related to the transfers.

Subsection (e) makes a conforming amendment to section 304 of the National Aeronautics and Space Administration Authorization Act of 2005 (42 U.S.C. 16654).

## SECTION 5—TRANSITIONAL AND SAVINGS PROVISIONS

Section 5 of the bill contains transitional and savings provisions.

## SECTION 6—REPEALS

Section 6 of the bill repeals provisions replaced by the bill, along with unnecessary and obsolete provisions (see “Disposition Table” above).

○