alent to the maximum rate payable under section 5376 of title 5, for each day the member is engaged in the actual performance of duties vested in the Panel.

(2) EXPENSES.—A member of the Panel shall be allowed necessary travel expenses (or in the alternative, mileage for use of a privately owned vehicle and a per diem in lieu of subsistence not to exceed the rate and amount prescribed in sections 5702 and 5704 of title 5), and other necessary expenses incurred by the member in the performance of duties vested in the Panel, without regard to the provisions of subchapter I of chapter 57 of title 5, the Standardized Government Travel Regulations, or section 5731 of title 5.

(e) ANNUAL REPORT.—The Panel shall submit an annual report to the Administrator and to Congress. In the first annual report submitted after December 30, 2005, the Panel shall include an evaluation of the Administration's management and culture related to safety. Each annual report shall include an evaluation of the Administration's compliance with the recommendations of the Columbia Accident Investigation Board through retirement of the space shuttle.

(Pub. L. 111–314, § 3, Dec. 18, 2010, 124 Stat. 3373.)

HISTORICAL AND REVISION NOTES

Revised Section	*Source (U.S. Code)*	*Source (Statutes at Large)*
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).	
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).

§ 31102. Drug and alcohol testing

(a) DEFINITION OF CONTROLLED SUBSTANCE.—In this section, the term ''controlled substance'' means any substance under section 102(6) of the Controlled Substances Act (21 U.S.C. 802(6)) specified by the Administrator.

(b) TESTING PROGRAM.—

(1) EMPLOYEES OF ADMINISTRATION.—The Administrator shall establish a program applicable to employees of the Administration whose duties include responsibility for safety-sensitive, security, or national security functions. Such program shall provide for preemployment, reasonable suspicion, random, and post-accident testing for use, in violation of applicable law or Federal regulation, of alcohol or a controlled substance. The Administrator may also prescribe regulations, as the Administrator considers appropriate in the interest of safety, security, and national security, for the conduct of periodic recurring testing of such employees for such use in violation of applicable law or Federal regulation.

(2) EMPLOYEES OF CONTRACTORS.—The Administrator shall, in the interest of safety, security, and national security, prescribe regulations. Such regulations shall establish a program that requires Administration contractors to conduct preemployment, reasonable suspicion, random, and post-accident testing of contractor employees responsible for safety-sensitive, security, or national security functions (as determined by the Administrator) for use, in violation of applicable law or Federal regulation, of alcohol or a controlled substance. The Administrator may also prescribe regulations, as the Administrator considers appropriate in the interest of safety, security, and national security, for the conduct of periodic recurring testing of such employees for such use in violation of applicable law or Federal regulation.

(3) SUSPENSION, DISQUALIFICATION, OR DISMISSAL.—In prescribing regulations under the programs required by this subsection, the Administrator shall require, as the Administrator considers appropriate, the suspension, disqualification, or dismissal of any employee to which paragraph (1) or (2) applies, in accordance with the provisions of this section, in any instance where a test conducted and confirmed under this section indicates that such employee has used, in violation of applicable law or Federal regulation, alcohol or a controlled substance.

(c) PROHIBITION ON SERVICE.—

(1) PROHIBITION UNLESS PROGRAM OF REHABILITATION COMPLETED.—No individual who is determined by the Administrator under this section to have used, in violation of applicable law or Federal regulation, alcohol or a controlled substance after December 9, 1991, shall serve as an Administration employee with responsibility for safety-sensitive, security, or national security functions (as determined by the Administrator), or as an Administration contractor employee with such responsibility, unless such individual has completed a program of rehabilitation described in subsection (d).

(2) UNCONDITIONAL PROHIBITION.—Any such individual determined by the Administrator under this section to have used, in violation of applicable law or Federal regulation, alcohol or a controlled substance after December 9, 1991, shall not be permitted to perform the duties that the individual performed prior to the date of the determination, if the individual—

(A) engaged in such use while on duty;

(B) prior to such use had undertaken or completed a rehabilitation program described in subsection (d);

(C) following such determination refuses to undertake such a rehabilitation program; or

(D) following such determination fails to complete such a rehabilitation program.

(d) PROGRAM FOR REHABILITATION.—

(1) REGULATIONS AND AVAILABILITY OF PROGRAM FOR CONTRACTOR EMPLOYEES.—The Administrator shall prescribe regulations setting forth requirements for rehabilitation programs which at a minimum provide for the identification and opportunity for treatment of employees referred to in subsection (b) in need of assistance in resolving problems with the use, in violation of applicable law or Federal regulation, of alcohol or a controlled substance. Each contractor is encouraged to make such a program available to all of its employees in addition to those employees referred to in subsection (b)(2). The Administrator shall determine the circumstances under which such employees shall be required to participate in such a program. Nothing in this subsection shall preclude any Administration contractor from establishing a program under this subsection in cooperation with any other such contractor.

(2) ESTABLISHMENT AND MAINTENANCE OF PROGRAM FOR ADMINISTRATION EMPLOYEES.—The Administrator shall establish and maintain a rehabilitation program which at a minimum provides for the identification and opportunity for treatment of those employees of the Administration whose duties include responsibility for safety-sensitive, security, or national security functions who are in need of assistance in resolving problems with the use of alcohol or controlled substances.

(e) PROCEDURES FOR TESTING.—In establishing the programs required under subsection (b), the Administrator shall develop requirements which shall—

(1) promote, to the maximum extent practicable, individual privacy in the collection of specimen samples;

(2) with respect to laboratories and testing procedures for controlled substances, incorporate the Department of Health and Human Services scientific and technical guidelines dated April 11, 1988, and any subsequent amendments thereto, including mandatory guidelines which—

(A) establish comprehensive standards for all aspects of laboratory controlled substances testing and laboratory procedures to be applied in carrying out this section, including standards which require the use of the best available technology for ensuring the full reliability and accuracy of controlled substances tests and strict procedures governing the chain of custody of specimen samples collected for controlled substances testing;

(B) establish the minimum list of controlled substances for which individuals may be tested; and

(C) establish appropriate standards and procedures for periodic review of laboratories and criteria for certification and revocation of certification of laboratories to perform controlled substances testing in carrying out this section;

(3) require that all laboratories involved in the controlled substances testing of any individual under this section shall have the capability and facility, at such laboratory, of performing screening and confirmation tests;

(4) provide that all tests which indicate the use, in violation of applicable law or Federal regulation, of alcohol or a controlled substance by any individual shall be confirmed by a scientifically recognized method of testing capable of providing quantitative data regarding alcohol or a controlled substance;

(5) provide that each specimen sample be subdivided, secured, and labelled in the presence of the tested individual and that a portion thereof be retained in a secure manner to prevent the possibility of tampering, so that in the event the individual's confirmation test results are positive the individual has an opportunity to have the retained portion assayed by a confirmation test done independently at a second certified laboratory if the individual requests the independent test within 3 days after being advised of the results of the initial confirmation test;

(6) ensure appropriate safeguards for testing to detect and quantify alcohol in breath and body fluid samples, including urine and blood, through the development of regulations as may be necessary and in consultation with the Department of Health and Human Services;

(7) provide for the confidentiality of test results and medical information of employees; and

(8) ensure that employees are selected for tests by nondiscriminatory and impartial methods, so that no employee is harassed by being treated differently from other employees in similar circumstances.

(f) EFFECT ON OTHER LAWS AND REGULATIONS.—

(1) CONSISTENCY WITH FEDERAL REGULATION.—No State or local government shall adopt or have in effect any law, rule, regulation, ordinance, standard, or order that is inconsistent with the regulations promulgated under this section.

(2) CONTINUANCE OF REGULATIONS ISSUED BEFORE DECEMBER 9, 1991.—Nothing in this section shall be construed to restrict the discretion of the Administrator to continue in force, amend, or further supplement any regulations issued before December 9, 1991, that govern the use of alcohol and controlled substances by Administration employees with responsibility for safety-sensitive, security, and national security functions (as determined by the Administrator), or by Administration contractor employees with such responsibility.

(Pub. L. 111–314, § 3, Dec. 18, 2010, 124 Stat. 3374.)

HISTORICAL AND REVISION NOTES

Revised Section	*Source (U.S. Code)*	*Source (Statutes at Large)*
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(c).	
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).

FINDINGS

Pub. L. 102–195, § 21(b), Dec. 9, 1991, 105 Stat. 1616, provided that: ''The Congress finds that—

''(1) alcohol abuse and illegal drug use pose significant dangers to the safety and welfare of the Nation;

''(2) the success of the United States civil space program is contingent upon the safe and successful development and deployment of the many varied components of that program;

''(3) the greatest efforts must be expended to eliminate the abuse of alcohol and use of illegal drugs, whether on duty or off duty, by those individuals who are involved in the positions affecting safety, security, and national security;

''(4) the use of alcohol and illegal drugs has been demonstrated to adversely affect the performance of individuals, and has been proven to have been a critical factor in accidents in the workplace;

''(5) the testing of uniformed personnel of the Armed Forces has shown that the most effective deterrent to abuse of alcohol and use of illegal drugs is increased testing, including random testing;

''(6) adequate safeguards can be implemented to ensure that testing for abuse of alcohol or use of illegal drugs is performed in a manner which protects an individual's right of privacy, ensures that no individual is harassed by being treated differently from other individuals, and ensures that no individual's reputation or career development is unduly threatened or harmed; and

''(7) rehabilitation is a critical component of any testing program for abuse of alcohol or use of illegal drugs, and should be made available to individuals, as appropriate.''

CHAPTER 313—HEALTHCARE

Sec.
31301. Healthcare program.
31302. Astronaut healthcare survey.

§ 31301. Healthcare program

The Administrator shall develop a plan to better understand the longitudinal health effects of space flight on humans. In the development of the plan, the Administrator shall consider the need for the establishment of a lifetime healthcare program for Administration astronauts and their families or other methods to obtain needed health data from astronauts and retired astronauts.

(Pub. L. 111–314, § 3, Dec. 18, 2010, 124 Stat. 3376.)

HISTORICAL AND REVISION NOTES

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

§ 31302. Astronaut healthcare survey

(a) SURVEY.—The Administrator shall administer an anonymous survey of astronauts and flight surgeons to evaluate communication, relationships, and the effectiveness of policies. The survey questions and the analysis of results shall be evaluated by experts independent of the Administration. The survey shall be administered on at least a biennial basis.

(b) REPORT.—The Administrator shall transmit a report of the results of the survey to Congress not later than 90 days following completion of the survey.

(Pub. L. 111–314, § 3, Dec. 18, 2010, 124 Stat. 3377.)

HISTORICAL AND REVISION NOTES

Revised Section	*Source (U.S. Code)*	*Source (Statutes at Large)*
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.

§ 31501. Orbital debris

The Administrator, in conjunction with the heads of other Federal agencies, shall take steps to develop or acquire technologies that will enable the Administration to decrease the risks associated with orbital debris.

(Pub. L. 111–314, § 3, Dec. 18, 2010, 124 Stat. 3377.)

HISTORICAL AND REVISION NOTES

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

§ 31502. Maintenance of facilities

In order to sustain healthy Centers that are capable of carrying out the Administration's missions, the Administrator shall ensure that adequate maintenance and upgrading of those Center facilities is performed on a regular basis.

(Pub. L. 111–314, § 3, Dec. 18, 2010, 124 Stat. 3377.)

HISTORICAL AND REVISION NOTES

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

§ 31503. Laboratory productivity

The Administration's laboratories are a critical component of the Administration's research capabilities, and the Administrator shall ensure that those laboratories remain productive.

(Pub. L. 111–314, § 3, Dec. 18, 2010, 124 Stat. 3377.)

HISTORICAL AND REVISION NOTES

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

§ 31504. Cooperative unmanned aerial vehicle activities

The Administrator, in cooperation with the Administrator of the National Oceanic and At-