In subsection (c), the words ‘Proceeds of’ are substituted for the words ‘That all moneys arising from’.

USE OF RESEARCH AND DEVELOPMENT FUNDS FOR TEST FACILITIES AND EQUIPMENT

Pub. L. 99–190, §101(b) [title VIII, §8015], Dec. 19, 1985, 99 Stat. 1185, 1205, which provided that appropriations available to the Department of Defense for research and development could be used for 10 U.S.C. 2353 and for purposes related to research and development for which expenditures are specifically authorized in other appropriations of the Service concerned, was repealed and re-stated in section 253(b) of this title by Pub. L. 100–370, §1(g)(1)(B), (2), July 19, 1988, 102 Stat. 846.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 114, 2351 of this title; title 42 sections 241, 6981, 7404.

§ 2354. Contracts: indemnification provisions

(a) With the approval of the Secretary of the military department concerned, any contract of a military department for research or development, or both, may provide that the United States will indemnify the contractor against either or both of the following, but only to the extent that they arise out of the direct performance of the contract and to the extent not compensated by insurance or otherwise:

(1) Claims (including reasonable expenses of litigation or settlement) by third persons, including employees of the contractor, for death, bodily injury, or loss of or damage to property, from a risk that the contract defines as unusually hazardous.

(2) Loss of or damage to property of the contractor from a risk that the contract defines as unusually hazardous.

(b) A contract, made under subsection (a), that provides for indemnification must also provide for—

(1) notice to the United States of any claim or suit against the contractor for the death, bodily injury, or loss of or damage to property; and

(2) control of or assistance in the defense by the United States, at its election, of that suit or claim.

(c) No payment may be made under subsection (a) unless the Secretary of the department concerned, or an officer or official of his department designated by him, certifies that the amount is just and reasonable.

(d) Upon approval by the Secretary concerned, payments under subsection (a) may be made from—

(1) funds obligated for the performance of the contract concerned; 

(2) funds available for research or development, or both, and not otherwise obligated; or

(3) funds appropriated for those payments.


HISTORICAL AND REVISION NOTES

Revised section Source (U.S. Code) Source (Statutes at Large)

2354(b) ..... 5:235f (1st proviso of 1st sentence).

2354(c) ..... 5:235f (last proviso of 1st sentence).

2354(d) ..... 5:235f (less 1st sentence).

5:628f (last proviso of 1st sentence).

5:628f (1st proviso of 1st sentence).

5:628f (1st proviso of 1st sentence).

In subsection (a), the words “Liability on account of”, and “of such claims” are omitted as surplusage. In clauses (1) and (2), the word “from” is substituted for the words “arising as a result of”. In subsections (a) and (b), the words “United States” are substituted for the word “Government”.

In subsection (b), the words “made under subsection (a), that provides for indemnification” are substituted for the words “so providing * * * with respect to any alleged liability for such death”. The words “appropriate” and “or actions filed * * * or made” are omitted as surplusage.

In subsection (c), the words “by the Government”, “authority of”, and “for such purpose” are omitted as surplusage.

In subsection (d), the words “by the Congress” and “the making of” are omitted as surplusage. The words “or both” are inserted to conform to subsection (a).

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 284, 1887 of this title; title 42 sections 241, 284, 1870, 1887.


Section, act Aug. 10, 1956, ch. 1041, 70A Stat. 135, authorized Secretary of each military department to prescribe by regulation the extent of itemization, substantiation, or certification of vouchers for funds spent under research or development contracts prior to payment.


Section, act Aug. 10, 1956, ch. 1041, 70A Stat. 135, required Secretary of each military department to report to Congress on contracts for research and development.

§ 2358. Research and development projects

(a) AUTHORITY.—The Secretary of Defense or the Secretary of a military department may engage in basic research, applied research, advanced research, and development projects that—

(1) are necessary to the responsibilities of such Secretary’s department in the field of research and development; and

(2) either—

(A) relate to weapon systems and other military needs; or
(B) are of potential interest to the Department of Defense.

(b) AUTHORIZED MEANS.—The Secretary of Defense or the Secretary of a military department may perform research and development projects—

(1) by contract, cooperative agreement, or grant, in accordance with chapter 63 of title 31;

(2) through one or more military departments;

(3) by using employees and consultants of the Department of Defense; or

(4) by mutual agreement with the head of any other department or agency of the Federal Government.

(c) REQUIREMENT OF POTENTIAL DEPARTMENT OF DEFENSE INTEREST.—Funds appropriated to the Department of Defense or to a military department may not be used to finance any research project or study unless the project or study is, in the opinion of the Secretary of Defense or the Secretary of that military department, respectively, of potential interest to the Department of Defense or to such military department, respectively.

(d) ADDITIONAL PROVISIONS APPLICABLE TO COOPERATIVE AGREEMENTS.—Additional authorities, conditions, and requirements relating to certain cooperative agreements authorized by this section are provided in sections 2371 and 2371a of this title.


HISTORICAL AND REVISION NOTES
1962 ACT

Revised section Source (U.S. Code) Source (Statutes at Large)

2358 ...... 5171c(b)(2), (3). 5171c(2) (b)(3).

1988 ACT

In the existing text of 10 U.S.C. 2358, the bill would in two instances strike the phrase “or his designee” appearing after “Secretary of Defense” (section 1(g)(3)). The change is made for consistency in the Code, and no substantive change is intended. The committee notes that the Secretary of Defense has general authority to delegate functions under 10 U.S.C. 113(d). Subsection (b) is based on Pub. L. 91–441, title II, §204, Oct. 7, 1970, 84 Stat. 908.

AMENDMENTS

1996—Subsec. (d). Pub. L. 104–201 substituted “sections 2371 and 2371a” for “section 2371”.

1994—Pub. L. 103–355 amended section generally, inserting reference to development projects in section catchline, and in text specifying that relevant Secretary may perform research and development projects in accordance with chapter 63 of title 31, and adding subsec. (d) relating to additional provisions applicable to cooperative agreements.

1993—Pub. L. 103–160 amended section generally. Prior to amendment, section read as follows:

“(a) IN GENERAL.—Subject to approval by the President, the Secretary of Defense may engage in basic and applied research projects that are necessary to the responsibilities of the Department of Defense in the field of basic and applied research and development and that relate to weapons systems and other military needs. Subject to approval by the President, the Secretary may perform assigned research and development projects—

“(1) by contract with, or by grant to, educational or research institutions, private businesses, or other agencies of the United States;

“(2) through one or more of the military departments; or

“(3) by using employees and consultants of the Department of Defense.

“(b) REQUIREMENT OF POTENTIAL MILITARY RELATIONSHIP.—Funds appropriated to the Department of Defense may not be used to finance any research project or study unless the project or study has, in the opinion of the Secretary of Defense, a potential relationship to a military function or operation.”

1988—Pub. L. 100–370 designated existing provisions as subsec. (a), inserted heading, struck out “or his designee” after “Secretary of Defense” and “President, the Secretary”, and added subsec. (b).

1981—Par. (1). Pub. L. 97–86 substituted “by contract with, or by grant to,” for “by contract with”.

EFFECTIVE DATE OF 1994 AMENDMENT

For effective date and applicability of amendment by Pub. L. 103–355, see section 10001 of Pub. L. 103–355, set out as a note under section 253 of Title 41. Public Contracts.

PILOT PROGRAMS FOR REVITALIZING LABORATORIES AND TEST AND EVALUATION CENTERS OF DEPARTMENT OF DEFENSE


“(a) AUTHORITY.—(1) The Secretary of Defense may carry out a pilot program to demonstrate improved efficiency in the performance of research, development, test, and evaluation functions of the Department of Defense. The pilot program under this section is in addition to, but may be carried out in conjunction with, the pilot program authorized by section 246 of the Strom Thurmond National Defense Authorization Act for Fiscal Year 1999 (Public Law 105–261; 112 Stat. 2061; 10 U.S.C. 2358 note).

“(2) Under the pilot program, the Secretary of Defense shall provide the director of one science and technology laboratory, and the director of one test and evaluation laboratory, of each military department with authority for the following:

“(A) To ensure that the laboratories selected can attract a workforce appropriately balanced between permanent and temporary personnel and among workers with an appropriate level of skills and experience and that those laboratories can effectively compete in hiring to obtain the finest scientific talent.

“(B) To develop or expand innovative methods of operation that provide more defense research for each dollar of cost, including carrying out initiatives such as focusing on the performance of core functions and adopting more business-like practices.

“(C) To waive any restrictions not required by law that apply to the demonstration and implementation of methods for achieving the objectives set forth in subparagraphs (A) and (B).

“(3) In selecting the laboratories for participation in the pilot program, the Secretary shall consider labora-
at each selected laboratory and center for a period of three years beginning not later than March 1, 1999.

"(4) The Secretary may carry out the pilot program at each selected laboratory for a period of three years beginning not later than March 1, 2000.

"(b) REPORTS.—(1) Not later than March 1, 2000, the Secretary of Defense shall submit to Congress a report on the implementation of the pilot program. The report shall include the following:

"(A) Each laboratory selected for the pilot program.

"(B) To the extent possible, a description of the innovative concepts that are to be tested at each laboratory.

"(C) The criteria to be used for measuring the success of each concept to be tested.

"(2) Promptly after the expiration of the period for participation of a laboratory in the pilot program, the Secretary of Defense shall submit to Congress a final report on the participation of that laboratory in the pilot program. The report shall include the following:

"(A) A description of the concepts tested.

"(B) The results of the testing.

"(C) The lessons learned.

"(D) Any proposal for legislation that the Secretary recommends on the basis of the experience at that laboratory under the pilot program.

"(2) Under the pilot program, the Secretary of Defense shall provide the director of one science and technology laboratory, and the director of one test and evaluation center, of each military department with authority for the following:

"(A) To explore innovative methods for quickly, efficiently, and fairly entering into cooperative relationships with universities and other private sector entities with respect to the performance of research and development functions.

"(B) To waive any restrictions on the demonstration and implementation of such methods that are not required by law.

"(C) To develop or expand innovative methods of operation that provide more defense research for each dollar of cost, including to carry out such initiatives as focusing on the performing core functions and adopting more business-like practices.

"(3) In selecting the laboratories and centers for participation in the pilot program, the Secretary shall consider laboratories and centers where innovative management techniques have been demonstrated, particularly as documented under sections 1115 through 1119 of title 31, United States Code, relating to Government agency performance and results.

"(4) The Secretary may carry out the pilot program at each selected laboratory and center for a period of three years beginning not later than March 1, 1999.

"(b) REPORTS.—(1) Not later than March 1, 1999, the Secretary of Defense shall submit a report on the implementation of the pilot program to Congress. The report shall include the following:

"(A) Each laboratory and center selected for the pilot program.

"(B) To the extent possible, a description of the innovative concepts that are to be tested at each laboratory and center.

"(C) The criteria to be used for measuring the success of each concept to be tested.

"(2) Promptly after the expiration of the period for participation of a laboratory in the pilot program, the Secretary of Defense shall submit to Congress a final report on the participation of the laboratory or center in the pilot program. The report shall contain the following:

"(A) A description of the concepts tested.

"(B) The results of the testing.

"(C) The lessons learned.

"(D) Any proposal for legislation that the Secretary recommends on the basis of the experience at the laboratory or center under the pilot program.

"(c) COMMENDATION.—Congress commends the Secretary of Defense for the progress made by the science and technology laboratories and test and evaluation centers of the Department of Defense and encourages the Secretary to take the actions necessary to ensure continued progress for the laboratories and test and evaluation centers in developing cooperative relationships with universities and other private sector entities for the performance of research and development functions.

DEFENSE EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH


"(a) PROGRAM REQUIRED.—The Secretary of Defense, acting through the Director of Defense Research and Engineering, shall carry out a Defense Experimental Program to Stimulate Competitive Research (DEPSCoR) as part of the university research programs of the Department of Defense.

"(b) PROGRAM OBJECTIVES.—The objectives of the program are as follows:

"(1) To enhance the capabilities of institutions of higher education in eligible States to develop, plan, and execute science and engineering research that is competitive under the peer-review systems used for awarding Federal research assistance.

"(2) To increase the probability of long-term growth in the competitively awarded financial assistance that institutions of higher education in eligible States receive from the Federal Government for science and engineering research.

"(c) PROGRAM ACTIVITIES.—In order to achieve the program objectives, the following activities are authorized under the program:

"(1) Competitive award of research grants.

"(2) Competitive award of financial assistance for graduate students.

"(d) ELIGIBLE STATES.—(1) The Under Secretary of Defense for Acquisition, Technology, and Logistics shall designate which States are eligible States for the purposes of this section.

"(2) The Under Secretary of Defense for Acquisition, Technology, and Logistics shall designate a State as an eligible State if, as determined by the Under Secretary—

"(A) the average annual amount of all Department of Defense obligations for science and engineering research and development that were in effect with institutions of higher education in the State for the three fiscal years preceding the fiscal year for which the designation is effective or for the last three fiscal years for which statistics are available is less than the amount determined by multiplying 60 percent times the amount equal to 5% of the total average annual amount of all Department of Defense obligations for science and engineering research and development that were in effect with institutions of higher edu-
ed in the United States for such three preceding or last fiscal years, as the case may be; and

"(B) the State has demonstrated a commitment to developing research bases in the State and to improving science and engineering research and education programs at institutions of higher education in the State.

"(c) COORDINATION WITH SIMILAR FEDERAL PROGRAMS.—(1) The Secretary shall consult with the Director of the National Science Foundation and the Director of the Office of Science and Technology Policy in the planning, development, and execution of the program and shall coordinate the program with the Experimental Program to Stimulate Competitive Research conducted by the National Science Foundation and with similar programs sponsored by other departments and agencies of the Federal Government.

"(2) All solicitations under the Defense Experimental Program to Stimulate Competitive Research shall be made to, and all awards shall be made through, the State committees established for purposes of the Experimental Program to Stimulate Competitive Research conducted by the National Science Foundation.

"(3) A State committee referred to in paragraph (2) shall ensure that activities carried out in the State of that committee under the Defense Experimental Program to Stimulate Competitive Research are coordinated with the activities carried out in the State under other similar initiatives of the Federal Government to stimulate competitive research.

"(d) STATE DEFINED.—In this section, the term 'State' means a State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, the Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

DEFENSE LABORATORIES PERSONNEL DEMONSTRATION PROJECTS


"(1) The Secretary of Defense may carry out personnel demonstration projects at Department of Defense laboratories designated by the Secretary as Department of Defense science and technology reinvention laboratories.

"(2)(A) Each personnel demonstration project carried out under the authority of paragraph (1) shall be generally similar in nature to the China Lake demonstration project.

"(B) For purposes of subparagraph (A), the China Lake demonstration project is the demonstration project that is authorized by section 6 of the Civil Service Miscellaneous Amendments Act of 1983 [Pub. L. 98–224, 98 Stat. 49] to be continued at the Naval Weapons Center, China Lake, California, and at the Naval Ocean Systems Center, San Diego, California.

"(3) If the Secretary carries out a demonstration project at a laboratory pursuant to paragraph (1), section 4703 of title 5, United States Code, shall apply to the demonstration project, except that—

"(A) subsection (d) of such section 4703 shall not apply to the demonstration project;

"(B) the authority of the Secretary to carry out the demonstration project is that which is provided in paragraph (1) rather than the authority which is provided in such section 4703; and

"(C) the Secretary shall exercise the authorities granted to the Office of Personnel Management under such section 4703.

"(4) The employees of a laboratory covered by a personnel demonstration project carried out under this section [enacting this note] shall be exempt from, and any specific category or categories of employment that may otherwise be applicable to the employees. The employees shall be managed by the director of the laboratory subject to the supervision of the Under Secretary of Defense for Acquisition, Technology, and Logistics.

"(5) The limitations in section 5373 of title 5, United States Code, do not apply to the authority of the Secretary under this section to prescribe salary schedules and other related benefits.

INCLUSION OF WOMEN AND MINORITIES IN CLINICAL RESEARCH PROJECTS

Section 252 of Pub. L. 103–160 provided that:

"(a) GENERAL RULE.—In conducting or supporting clinical research, the Secretary of Defense shall ensure that—

"(1) women who are members of the Armed Forces are included as subjects in each project of such research; and

"(2) members of minority groups who are members of the Armed Forces are included as subjects of such research.

"(b) WAIVER AUTHORITY.—The requirement in subsection (a) regarding women and members of minority groups who are members of the Armed Forces may be waived by the Secretary of Defense with respect to a project of clinical research if the Secretary determines that the inclusion, as subjects in the project, of women and members of minority groups, respectively—

"(1) is inappropriate with respect to the health of the subjects;

"(2) is inappropriate with respect to the purpose of the research; or

"(3) is inappropriate under such other circumstances as the Secretary of Defense may designate.

"(c) REQUIREMENT FOR ANALYSIS OF RESEARCH.—In the case of a project of clinical research in which women or members of minority groups will under subsection (a) be included as subjects of the research, the Secretary of Defense shall ensure that the project is designed and carried out so as to provide for a valid analysis of whether the variables being tested in the research affect women or members of minority groups, as the case may be, differently than other persons who are subjects of the research.

UNIVERSITY RESEARCH INITIATIVE SUPPORT PROGRAM


"(a) ESTABLISHMENT.—The Secretary of Defense, through the Director of Defense Research and Engineering, may establish a University Research Initiative Support Program.

"(b) PURPOSE.—Under the program, the Director may award grants and contracts to eligible institutions of higher education to support the conduct of research and development relevant to requirements of the Department of Defense.

"(c) ELIGIBILITY.—An institution of higher education is eligible for a grant or contract under the program if the institution has received less than a total of $2,000,000 in grants and contracts from the Department of Defense in the two most recent fiscal years for which complete statistics are available when proposals are requested for such grant or contract.

"(d) COMPETITION REQUIRED.—The Director shall use competitive procedures in awarding grants and contracts under the program.

"(e) SELECTION PROCESS.—In awarding grants and contracts under the program, the Director shall use a merit-based selection process that is consistent with the provisions of section 2901(a) of title 10, United States Code.

"(f) REGULATIONS.—Not later than 90 days after the date of the enactment of this Act [Nov. 30, 1983], the Director shall prescribe regulations for carrying out the program.

"(g) FUNDING.—Of the amounts authorized to be appropriated under section 201 [107 Stat. 1583], $20,000,000
shall be available for the University Research Initiative Support Program.”

INDEPENDENT RESEARCH AND DEVELOPMENT; BID AND PROPOSAL COSTS; NEGOTIATION OF ADVANCE AGREEMENTS WITH CONTRACTORS; ANNUAL REPORT TO CONGRESS

Pub. L. 91–441, title II, §203, Oct. 7, 1970, 84 Stat. 906, as amended by Pub. L. 96–342, title II, §208, Sept. 8, 1980, 94 Stat. 1081, provided that no funds authorized to be appropriated to Department of Defense by this or any other Act were to be used to finance independent research and development or bid and proposal costs unless such work had, in opinion of Secretary of Defense, potential relationship to military functions or operations, and advance agreements regarding payment for such work had been negotiated, prior to repeal by Pub. L. 101–510, div. A, title X, §1322(a)(5), Nov. 5, 1990, 104 Stat. 1671. See section 2359 of this title.

RELATIONSHIP OF RESEARCH PROJECTS OR STUDIES TO MILITARY FUNCTION OR OPERATION

Pub. L. 91–441, title II, §204, Oct. 7, 1970, 84 Stat. 908, which provided that no funds authorized to be appropriated to the Department of Defense by this or any other Act may be used to finance any research project or study unless such project or study has, in the opinion of the Secretary of Defense, a potential relationship to a military function or operation, was repealed and restated in subsec. (b) of this section by Pub. L. 100–370, §1(g)(3)(C), (5), July 19, 1988, 102 Stat. 847.

HERBICIDES AND DEFOLIATION PROGRAM; COMPREHENSIVE STUDY AND INVESTIGATION; REPORT BY JANUARY 31, 1972; TRANSMITTAL TO PRESIDENT AND CONGRESS BY MARCH 1, 1972

Pub. L. 91–441, title V, §506(c), Oct. 7, 1970, 84 Stat. 913, directed Secretary of Defense to enter into appropriate arrangements with National Academy of Sciences to conduct a comprehensive study and investigation to determine (A) ecological and physiological dangers inherent in use of herbicides, and (B) ecological and physiological effects of defoliation program carried out by Department of Defense in South Vietnam, with a report on the study to be transmitted to President and Congress by Mar. 1, 1972.

CAMPUSES BARRING MILITARY RECRUITERS; CESSION OF PAYMENTS; NOTIFICATION OF SECRETARY OF DEFENSE

Pub. L. 92–436, title VI, §606, Sept. 29, 1972, 86 Stat. 740, provided that:

“(a) No part of the funds appropriated pursuant to this subchapter or any other Act for the Department of Defense or any of the Armed Forces may be used at any institution of higher learning if the Secretary of Defense or his designee determines that recruiting personnel of any of the Armed Forces of the United States are being barred by the policy of such institution from the premises of the institution: except in a case where the Secretary of the service concerned certifies to the Congress in writing that a specific course of instruction is not available at any other institution of higher learning and furnishes to the Congress the reasons why such course of instruction is of vital importance to the security of the United States.

“(b) The prohibition made by subsection (a) of this section as it applies to research and development funds shall not apply if the Secretary of Defense or his designee determines that the expenditure is a continuation or a renewal of a previous program with such institution which is likely to make a significant contribution to the defense effort.

“(c) The Secretaries of the military departments shall furnish to the Secretary of Defense or his designee within 60 days after the date of enactment of this Act (Sept. 29, 1972) and each January 31 and June 30 thereafter the names of any institution of higher learning which the Secretaries determine on such dates are affected by the prohibitions contained in this section.”

Similar provisions were contained in the following prior authorization acts:


FEDERAL CONTRACT RESEARCH CENTERS; OFFICERS’ COMPENSATION; NOTIFICATION TO CONGRESS


SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 2371 of this title.

§2359. Science and technology programs to be conducted so as to foster the transition of science and technology to higher levels of research, development, test, and evaluation

(a) POLICY.—Each official specified in subsection (b) shall ensure that the management and conduct of the science and technology programs under the authority of that official are carried out in a manner that will foster the transition of science and technology to higher levels of research, development, test, and evaluation.

(b) COVERED OFFICIALS.—Subsection (a) applies to the following officials of the Department of Defense:

(1) The Under Secretary of Defense for Acquisition, Technology, and Logistics.

(2) The Secretary of each military department.

(3) The Director of the Defense Advanced Research Projects Agency.

(4) The directors and heads of other offices and agencies of the Department of Defense with assigned research, development, test, and evaluation responsibilities.


PRIOR PROVISIONS


§2360. Research and development laboratories: contracts for services of university students

(a) Subject to the availability of appropriations for such purpose, the Secretary of Defense may procure by contract under the authority of this section the temporary or intermittent services of students at institutions of higher learning for the purpose of providing technical support at defense research and development laboratories. Such contracts may be made directly with such students or with nonprofit organizations employing such students.

(b) Students providing services pursuant to a contract made under subsection (a) shall be considered to be employees for the purposes of chapter 81 of title 5, relating to compensation for work injuries, and to be employees of the government for the purposes of chapter 171 of title 28, relating to tort claims. Such students who