

mentation of the training program of a representative sample of over-the-road bus operators and over-the-road bus frontline employees, and report to the appropriate congressional committees of such reviews. The Secretary may submit the report in both classified and redacted formats as necessary.

(Pub. L. 110-53, title XV, § 1534, Aug. 3, 2007, 121 Stat. 461.)

§ 1185. Over-the-road bus security research and development

(a) Establishment of research and development program

The Secretary, acting through the Under Secretary for Science and Technology and the Administrator of the Transportation Security Administration, shall carry out a research and development program for the purpose of improving the security of over-the-road buses.

(b) Eligible projects

The research and development program may include projects—

(1) to reduce the vulnerability of over-the-road buses, stations, terminals, and equipment to explosives and hazardous chemical, biological, and radioactive substances, including the development of technology to screen passengers in large numbers with minimal interference and disruption;

(2) to test new emergency response and recovery techniques and technologies, including those used at international borders;

(3) to develop improved technologies, including those for—

(A) emergency response training, including training in a tunnel environment, if appropriate; and

(B) security and redundancy for critical communications, electrical power, computer, and over-the-road bus control systems; and

(4) to address other vulnerabilities and risks identified by the Secretary.

(c) Coordination with other research initiatives

The Secretary—

(1) shall ensure that the research and development program is consistent with the other transportation security research and development programs required by this Act;

(2) shall, to the extent practicable, coordinate the research and development activities of the Department with other ongoing research and development security-related initiatives, including research being conducted by—

(A) the Department of Transportation, including University Transportation Centers and other institutes, centers, and simulators funded by the Department of Transportation;

(B) the National Academy of Sciences;

(C) the Technical Support Working Group;

(D) other Federal departments and agencies; and

(E) other Federal and private research laboratories, research entities, and institutions of higher education, including Historically

Black Colleges and Universities, Hispanic Serving Institutions, and Indian Tribally Controlled Colleges and Universities;

(3) shall carry out any research and development project authorized by this section through a reimbursable agreement with an appropriate Federal agency, if the agency—

(A) is currently sponsoring a research and development project in a similar area; or

(B) has a unique facility or capability that would be useful in carrying out the project;

(4) may award grants and enter into cooperative agreements, contracts, other transactions, or reimbursable agreements to the entities described in paragraph (2) and eligible recipients under section 1182 of this title; and

(5) shall make reasonable efforts to enter into memoranda of understanding, contracts, grants, cooperative agreements, or other transactions with private operators providing over-the-road bus transportation willing to contribute assets, physical space, and other resources.

(d) Privacy and civil rights and civil liberties issues

(1) Consultation

In carrying out research and development projects under this section, the Secretary shall consult with the Chief Privacy Officer of the Department and the Officer for Civil Rights and Civil Liberties of the Department as appropriate and in accordance with section 142 of this title.

(2) Privacy impact assessments

In accordance with sections 142 and 345 of this title, the Chief Privacy Officer shall conduct privacy impact assessments and the Officer for Civil Rights and Civil Liberties shall conduct reviews, as appropriate, for research and development initiatives developed under this section that the Secretary determines could have an impact on privacy, civil rights, or civil liberties.

(e) Authorization of appropriations

(1) In general

From the amounts appropriated pursuant to section 114(w)¹ of title 49, there shall be made available to the Secretary to carry out this section—

(A) \$2,000,000 for fiscal year 2008;

(B) \$2,000,000 for fiscal year 2009;

(C) \$2,000,000 for fiscal year 2010; and

(D) \$2,000,000 for fiscal year 2011.

(2) Period of availability

Such sums shall remain available until expended.

(Pub. L. 110-53, title XV, § 1535, Aug. 3, 2007, 121 Stat. 462.)

Editorial Notes

REFERENCES IN TEXT

This Act, referred to in subsec. (c)(1), is Pub. L. 110-53, Aug. 3, 2007, 121 Stat. 266, known as the Imple-

¹ See References in Text note below.

menting Recommendations of the 9/11 Commission Act of 2007, which enacted this chapter and enacted and amended numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title of 2007 Amendment note set out under section 101 of this title and Tables.

Section 114(w) of title 49, referred to in subsec. (e)(1), was redesignated section 114(v) of title 49 by Pub. L. 115-254, div. K, § 1904(b)(1)(I), Oct. 5, 2018, 132 Stat. 3545.

§ 1186. Memorandum of Understanding annex

Not later than 1 year after August 3, 2007, the Secretary of Transportation and the Secretary shall execute and develop an annex to the Memorandum of Understanding between the two departments signed on September 28, 2004, governing the specific roles, delineations of responsibilities, resources, and commitments of the Department of Transportation and the Department of Homeland Security, respectively, in addressing motor carrier transportation security matters, including over-the-road bus security matters, and shall cover the processes the Departments will follow to promote communications, efficiency, and nonduplication of effort.

(Pub. L. 110-53, title XV, § 1541, Aug. 3, 2007, 121 Stat. 469.)

PART D—HAZARDOUS MATERIAL AND PIPELINE SECURITY

§ 1201. Railroad routing of security-sensitive materials

(a) In general

Not later than 9 months after August 3, 2007, the Secretary of Transportation, in consultation with the Secretary, shall publish a final rule based on the Pipeline and Hazardous Materials Safety Administration's Notice of Proposed Rulemaking published on December 21, 2006, entitled "Hazardous Materials: Enhancing Railroad Transportation Safety and Security for Hazardous Materials Shipments". The final rule shall incorporate the requirements of this section and, as appropriate, public comments received during the comment period of the rulemaking.

(b) Security-sensitive materials commodity data

The Secretary of Transportation shall ensure that the final rule requires each railroad carrier transporting security-sensitive materials in commerce to, no later than 90 days after the end of each calendar year, compile security-sensitive materials commodity data. Such data must be collected by route, line segment, or series of line segments, as aggregated by the railroad carrier. Within the railroad carrier selected route, the commodity data must identify the geographic location of the route and the total number of shipments by the United Nations identification number for the security-sensitive materials.

(c) Railroad transportation route analysis for security-sensitive materials

The Secretary of Transportation shall ensure that the final rule requires each railroad carrier transporting security-sensitive materials in commerce to, for each calendar year, provide a written analysis of the safety and security risks

for the transportation routes identified in the security-sensitive materials commodity data collected as required by subsection (b). The safety and security risks present shall be analyzed for the route, railroad facilities, railroad storage facilities, and high-consequence targets along or in proximity to the route.

(d) Alternative route analysis for security-sensitive materials

The Secretary of Transportation shall ensure that the final rule requires each railroad carrier transporting security-sensitive materials in commerce to—

(1) for each calendar year—

(A) identify practicable alternative routes over which the railroad carrier has authority to operate as compared to the current route for such a shipment analyzed under subsection (c); and

(B) perform a safety and security risk assessment of the alternative route for comparison to the route analysis specified in subsection (c);

(2) ensure that the analysis under paragraph

(1) includes—

(A) identification of safety and security risks for an alternative route;

(B) comparison of those risks identified under subparagraph (A) to the primary railroad transportation route, including the risk of a catastrophic release from a shipment traveling along the alternate route compared to the primary route;

(C) any remediation or mitigation measures implemented on the primary or alternative route; and

(D) potential economic effects of using an alternative route; and

(3) consider when determining the practicable alternative routes under paragraph (1)(A) the use of interchange agreements with other railroad carriers.

(e) Alternative route selection for security-sensitive materials

The Secretary of Transportation shall ensure that the final rule requires each railroad carrier transporting security-sensitive materials in commerce to use the analysis required by subsections (c) and (d) to select the safest and most secure route to be used in transporting security-sensitive materials.

(f) Review

The Secretary of Transportation shall ensure that the final rule requires each railroad carrier transporting security-sensitive materials in commerce to annually review and select the practicable route posing the least overall safety and security risk in accordance with this section. The railroad carrier must retain in writing all route review and selection decision documentation and restrict the distribution, disclosure, and availability of information contained in the route analysis to appropriate persons. This documentation should include, but is not limited to, comparative analyses, charts, graphics, or railroad system maps.

(g) Retrospective analysis

The Secretary of Transportation shall ensure that the final rule requires each railroad carrier