

- (i) complete the study under subparagraph (A); and
- (ii) prepare and make publicly available one or more reports of the results of the study.

**(c) Omitted****(d) Report**

Not later than 60 days after the date on which funds are initially awarded under this section, and on an annual basis thereafter, the Administrator shall submit to Congress a report containing—

- (1) an identification of the grant recipients, a description of the projects to be funded and the amount of funding provided; and
- (2) an identification of all other applicants that submitted applications under the program.

(Pub. L. 109–58, title VII, §756, Aug. 8, 2005, 119 Stat. 829.)

## REFERENCES IN TEXT

The Clean Air Act, referred to in subsec. (b)(1)(A)(i), is act July 14, 1955, ch. 360, 69 Stat. 322, as amended, which is classified generally to chapter 85 (§7401 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of this title and Tables.

## CODIFICATION

Section is comprised of section 756 of Pub. L. 109–58. Subsec. (c) of section 756 of Pub. L. 109–58 amended section 127 of Title 23, Highways.

**§ 16105. Biodiesel engine testing program****(a) In general**

Not later than<sup>1</sup> 180 days after August 8, 2005, the Secretary shall initiate a partnership with diesel engine, diesel fuel injection system, and diesel vehicle manufacturers and diesel and biodiesel fuel providers, to include biodiesel testing in advanced diesel engine and fuel system technology.

**(b) Scope**

The program shall provide for testing to determine the impact of biodiesel from different sources on current and future emission control technologies, with emphasis on—

- (1) the impact of biodiesel on emissions warranty, in-use liability, and antitampering provisions;
- (2) the impact of long-term use of biodiesel on engine operations;
- (3) the options for optimizing these technologies for both emissions and performance when switching between biodiesel and diesel fuel; and
- (4) the impact of using biodiesel in these fueling systems and engines when used as a blend with 2006 Environmental Protection Agency-mandated diesel fuel containing a maximum of 15-parts-per-million sulfur content.

**(c) Report**

Not later than 2 years after August 8, 2005, the Secretary shall provide an interim report to

Congress on the findings of the program, including a comprehensive analysis of impacts from biodiesel on engine operation for both existing and expected future diesel technologies, and recommendations for ensuring optimal emissions reductions and engine performance with biodiesel.

**(d) Authorization of appropriations**

There are authorized to be appropriated \$5,000,000 for each of fiscal years 2006 through 2010 to carry out this section.

**(e) Definition**

For purposes of this section, the term “biodiesel” means a diesel fuel substitute produced from nonpetroleum renewable resources that meets the registration requirements for fuels and fuel additives established by the Environmental Protection Agency under section 7545 of this title and that meets the American Society for Testing and Materials D6751–02a Standard Specification for Biodiesel Fuel (B100) Blend Stock for Distillate Fuels.

(Pub. L. 109–58, title VII, §757, Aug. 8, 2005, 119 Stat. 832.)

**§ 16106. Ultra-efficient engine technology for aircraft****(a) Ultra-efficient engine technology partnership**

The Secretary shall enter into a cooperative agreement with the National Aeronautics and Space Administration for the development of ultra-efficient engine technology for aircraft.

**(b) Performance objective**

The Secretary shall establish the following performance objectives for the program set forth in subsection (a):

- (1) A fuel efficiency increase of at least 10 percent.
- (2) A reduction in the impact of landing and takeoff nitrogen oxides emissions on local air quality of 70 percent.
- (3) Exploring advanced concepts, alternate propulsion, and power configurations, including hybrid fuel cell powered systems.
- (4) Exploring the use of alternate fuel in conventional or nonconventional turbine-based systems.

**(c) Authorization of appropriations**

There are authorized to be appropriated to the Secretary for carrying out this section \$50,000,000 for each of the fiscal years 2006, 2007, 2008, 2009, and 2010.

(Pub. L. 109–58, title VII, §758, Aug. 8, 2005, 119 Stat. 833.)

## PART E—FEDERAL AND STATE PROCUREMENT

**§ 16121. Definitions**

In this part:

**(1) Fuel cell**

The term “fuel cell” means a device that directly converts the chemical energy of a fuel and an oxidant into electricity by electrochemical processes occurring at separate electrodes in the device.

**(2) Light-duty or heavy-duty vehicle fleet**

The term “light-duty or heavy-duty vehicle fleet” does not include any vehicle designed or

<sup>1</sup> So in original. Probably should be “than”.