

108TH CONGRESS  
1ST SESSION

# S. 1927

To establish an award program to encourage the development of effective bomb-scanning technology.

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IN THE SENATE OF THE UNITED STATES

NOVEMBER 21, 2003

Mrs. CLINTON introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

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## A BILL

To establish an award program to encourage the development of effective bomb-scanning technology.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Airliner Protection Act  
5 of 2003”.

6       **SEC. 2. ESTABLISHMENT OF AWARD PROGRAM.**

7       Section 44912 of title 49, United States Code, is  
8 amended by adding at the end the following new sub-  
9 section:

10       “(d) BOMB SCANNER DEVELOPMENT.—

1 “(1) DEFINITIONS.—In this Act:

2 “(A) BOMB SCANNER.—The term “bomb  
3 scanner” means a machine that is used to thor-  
4 oughly examine the contents of a piece of bag-  
5 gage, without opening the baggage, in order to  
6 detect and signal the presence of explosives.

7 “(B) FALSE POSITIVE RATE.—The term  
8 “false positive rate” means the average rate at  
9 which pieces of baggage that pass through a  
10 bomb scanner trigger an alarm despite not con-  
11 taining any explosives.

12 “(C) FALSE NEGATIVE RATE.—The term  
13 “false negative rate” means the average rate at  
14 which pieces of baggage that pass through a  
15 bomb scanner do not trigger an alarm despite  
16 containing any explosives.

17 “(2) AWARD PROGRAM.—(A) The Under Sec-  
18 retary is authorized to award grants under this sub-  
19 section to eligible entities to produce bomb scanners.

20 “(B) For purposes of this subsection, an eligi-  
21 ble entity is an entity that has headquarters in the  
22 United States and has demonstrated to the satisfac-  
23 tion of the Under Secretary an ability to produce  
24 bomb scanners—

1           “(i) that have a false positive rate of less  
2           than 10 percent;

3           “(ii) that have a false negative rate of less  
4           than 2 percent; and

5           “(iii) the installment of which in airports  
6           nationwide would not be cost prohibitive.

7           “(3) AUTHORIZATION OF APPROPRIATIONS.—  
8           There is authorized to be appropriated \$20,000,000  
9           to carry out the award program under this sub-  
10          section, to remain available until expended.”.

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