

**AMENDMENT TO H.R. 4**  
**OFFERED BY MR. SMITH OF WASHINGTON**

At the end of title V, insert the following:

1 **SEC. 5**     . **ULTRAFINE PARTICLE STUDY.**

2       (a) **STUDY.**—The Administrator of the Federal Avia-  
3 tion Administration shall conduct a study to—

4           (1) review the results of previous studies on  
5 ultrafine particles in the air, including the health im-  
6 pacts of such particles;

7           (2) determine, using the review described in  
8 paragraph (1) and original research—

9               (A) the ultrafine particles present in the  
10 air surrounding airports;

11               (B) the primary sources of such particles;

12               (C) the contributions made by aircraft to  
13 such particles relative to other primary sources;

14           and

15               (D) the health impacts of such particles;

16           and

17           (3) analyze the impact of aircraft biofuel use  
18 on—

19               (A) ultrafine particles in the air sur-  
20 rounding airports; and

1 (B) human health.

2 (b) COORDINATION.—The Administrator shall carry  
3 out the study in coordination with the Environmental Pro-  
4 tection Agency and any other Federal department or agen-  
5 cy that the Administrator determines is appropriate.

6 (c) REPORT.—Not later than 18 months after the  
7 date of enactment of this Act, the Administrator shall sub-  
8 mit to Congress a report on the results of the study that  
9 includes related findings and a detailed description of the  
10 methods and data utilized.

