

**AMENDMENT TO H.R. 4**  
**OFFERED BY MR. CRAMER OF NORTH DAKOTA**

In title III, at the end of subtitle B add the following:

**1 SEC. 342. REPORT ON POSSIBLE UNMANNED AIRCRAFT**

**2 SYSTEMS OPERATION ON SPECTRUM ALLO-**

**3 CATED FOR AVIATION USE.**

4 (a) IN GENERAL.—Not later than 180 days after the  
5 date of enactment of this Act, and after consultation with  
6 relevant stakeholders, the Federal Aviation Administration,  
7 the National Telecommunications and Information  
8 Administration, and the Federal Communications Commission  
9 shall submit to the Committee on Commerce, Science, and  
10 Transportation of the Senate, the Committee on  
11 Transportation and Infrastructure of the House of  
12 Representatives, and the Committee on Energy and  
13 Commerce of the House of Representatives a report—

14 (1) on whether unmanned aircraft sys-  
15 tems operations should be permitted on  
16 spectrum designated for aviation use, on an  
17 unlicensed, shared, or exclusive basis, for operations  
18 within the UTM system or outside of such a system;

1           (2) that addresses any technological, statutory,  
2           regulatory, and operational barriers to the use of  
3           such spectrum for unmanned aircraft systems  
4           operations; and

5           (3) that, if it is determined that spectrum allo-  
6           cated for aviation use is not suitable for operations  
7           by unmanned aircraft systems, includes rec-  
8           ommendations of other spectrum frequencies that  
9           may be appropriate for such operations.

10          (b) DEFINITIONS.—In this section:

11           (1) UNMANNED AIRCRAFT SYSTEM.—The term  
12           “unmanned aircraft system” means an unmanned  
13           aircraft and associated elements (including commu-  
14           nication links and the components that control the  
15           unmanned aircraft) that are required for the pilot in  
16           command to operate safely and efficiently in the na-  
17           tional airspace system.

18           (2) UTM.—The term “UTM” means an un-  
19           manned aircraft traffic management system or serv-  
20           ice.

