

115TH CONGRESS  
2D SESSION

# S. 3511

To broaden unmanned aircraft systems safety awareness, and for other purposes.

---

IN THE SENATE OF THE UNITED STATES

SEPTEMBER 26, 2018

Ms. CORTEZ MASTO introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

---

## A BILL

To broaden unmanned aircraft systems safety awareness,  
and for other purposes.

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 “Drone Safety Enhance-  
5 ment Act”.

6 **SEC. 2. AUTHORIZATION OF APPROPRIATIONS FOR KNOW**

7 **BEFORE YOU FLY CAMPAIGN.**

8 There are authorized to be appropriated to the Ad-  
9 ministrator of the Federal Aviation Administration  
10 \$1,000,000 for each of fiscal years 2019 through 2024

1 for the Know Before You Fly educational campaign or  
2 similar public informational efforts intended to broaden  
3 unmanned aircraft systems safety awareness.

4 **SEC. 3. UNITED STATES COUNTER-UAS SYSTEM REVIEW OF**  
5 **INTERAGENCY COORDINATION PROCESSES.**

6 (a) IN GENERAL.—Not later than 60 days after that  
7 date of enactment of this Act, the Administrator of the  
8 Federal Aviation Administration (referred to in this sec-  
9 tion as the “Administration”), in consultation with gov-  
10 ernment agencies currently authorized to operate Counter-  
11 Unmanned Aircraft System (C-UAS) systems within the  
12 United States (including the territories and possessions of  
13 the United States), shall initiate a review of the following:

14 (1) The process the Administration is utilizing  
15 for interagency coordination of C-UAS activity pur-  
16 suant to a relevant Federal statute authorizing such  
17 activity within the United States (including the ter-  
18 ritories and possessions of the United States).

19 (2) The standards the Administration is uti-  
20 lizing for operation of a C-UAS system pursuant to  
21 a relevant Federal statute authorizing such activity  
22 within the United States (including the territories  
23 and possessions of the United States), including  
24 whether the following criteria are being taken into  
25 consideration in the development of the standards:

1 (A) Safety of the national airspace.

2 (B) Protecting individuals and property on  
3 the ground.

4 (C) Noninterference with avionics of  
5 manned aircraft, and unmanned aircraft, oper-  
6 ating legally in the national airspace.

7 (D) Noninterference with air traffic control  
8 systems.

9 (E) Consistent procedures in the operation  
10 of C-UAS systems to the maximum extent prac-  
11 ticable.

12 (F) Adequate coordination procedures and  
13 protocols with the Federal Aviation Administra-  
14 tion during the operation of C-UAS systems.

15 (G) Adequate training for personnel oper-  
16 ating C-UAS systems.

17 (H) Assessment of the efficiency and effec-  
18 tiveness of the coordination and review proc-  
19 esses to ensure national airspace safety while  
20 minimizing bureaucracy.

21 (I) Such other matters the Administrator  
22 deems necessary for the safe and lawful oper-  
23 ation of C-UAS systems.

24 (b) REPORT.—Not later than 180 days after the date  
25 upon which the review in subsection (a) is initiated, the

1 Administrator of the Federal Aviation Administration  
 2 shall submit to the Committee on Commerce, Science, and  
 3 Transportation in the Senate and the Committee on  
 4 Armed Services of the Senate and the Committee on  
 5 Transportation and Infrastructure of the House of Rep-  
 6 resentatives and the Committee on Armed Services of the  
 7 House of Representatives a report on the Administration’s  
 8 activities related to C-UAS systems, including—

9           (1) any coordination with Federal agencies and  
 10 States, subdivisions and States, and political au-  
 11 thorities of at least 2 States that operate C-UAS  
 12 systems; and

13           (2) an assessment of the standards being uti-  
 14 lized for the operation of a counter-UAS systems  
 15 within the United States (including the territories  
 16 and possessions of the United States).

17 **SEC. 4. UAS CRITICAL INFRASTRUCTURE RULEMAKING AP-**  
 18 **PLICATIONS FOR DESIGNATION.**

19 Section 2209 of the FAA Extension, Safety, and Se-  
 20 curity Act of 2016 (49 U.S.C. 40101 note) is amended—

21           (1) in subsection (b)(1)(C)(i), by striking “and  
 22 distribution facilities and equipment” and inserting  
 23 “distribution facilities and equipment, and railroad  
 24 facilities”; and

25           (2) by adding at the end the following:

1 “(e) DEADLINES.—

2 “(1) Not later than March 31, 2019, the Ad-  
3 ministrator shall publish a notice of proposed rule-  
4 making to carry out the requirements of this section.

5 “(2) Not later than 12 months after publishing  
6 the notice of proposed rulemaking under paragraph  
7 (1), the Administrator shall issue a final rule.”.

○