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(Original Signature of Member)

119TH CONGRESS
1ST SESSION

H. R. _____

To provide for collaboration between NASA and the FAA relating to research on unmanned aircraft systems and advanced air mobility, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. KEAN introduced the following bill; which was referred to the Committee
on _____

A BILL

To provide for collaboration between NASA and the FAA relating to research on unmanned aircraft systems and advanced air mobility, 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”.

1 **SEC. 2. UNMANNED AIRCRAFT SYSTEM AND ADVANCED AIR**
2 **MOBILITY.**

3 (a) **FINDING.**—Congress finds that research and de-
4 velopment related to autonomous aviation is vital to en-
5 sure United States competitiveness as the National Air-
6 space System evolves from trajectory-based operations to
7 collaborative and highly automated operations.

8 (b) **COLLABORATION.**—The Administrator shall, in
9 collaboration with the Administrator of Federal Aviation
10 Administration, the heads of other relevant Federal agen-
11 cies, and appropriate representatives of academia and in-
12 dustry, continue its research on unmanned aircraft sys-
13 tems and advanced air mobility, including research related
14 to UTM and autonomous capabilities, as practicable.

15 (c) **BRIEFING.**—Not later than 18 months after the
16 date of the enactment of this Act, the Administrator shall
17 brief the appropriate committees of Congress on the
18 progress of the research under subsection (b).

19 (d) **DEFINITIONS.**—In this section:

20 (1) **ADMINISTRATOR.**—The term “Adminis-
21 trator” means the Administrator of the National
22 Aeronautics and Space Administration.

23 (2) **ADVANCED AIR MOBILITY.**—The term “ad-
24 vanced air mobility” means a transportation system
25 that is comprised of urban air mobility and regional
26 air mobility using manned or unmanned aircraft.

1 (3) APPROPRIATE COMMITTEES OF CON-
2 GRESS.—The term “appropriate committees of Con-
3 gress” means—

4 (A) the Committee on Science, Space, and
5 Technology of the House of Representatives;
6 and

7 (B) the Committee on Commerce, Science,
8 and Transportation of the Senate.

9 (4) REGIONAL AIR MOBILITY.—The term “re-
10 gional air mobility” means the movement of pas-
11 sengers or property by air between two points using
12 an airworthy aircraft that—

13 (A) has advanced technologies, such as dis-
14 tributed propulsion, vertical takeoff and land-
15 ing, powered lift, nontraditional power systems,
16 or autonomous technologies;

17 (B) has a maximum takeoff weight of
18 greater than 1,320 pounds; and

19 (C) is not urban air mobility.

20 (5) UNMANNED AIRCRAFT SYSTEM.—The term
21 “unmanned aircraft system” has the meaning given
22 such term in section 44801 of title 49, United
23 States Code.

24 (6) URBAN AIR MOBILITY.—The term “urban
25 air mobility” means the movement of passengers or

1 property by air between two points in different cities
2 or two points within the same city using an air-
3 worthy aircraft that—

4 (A) has advanced technologies, such as dis-
5 tributed propulsion, vertical takeoff and land-
6 ing, powered lift, nontraditional power systems,
7 or autonomous technologies; and

8 (B) has a maximum takeoff weight of
9 greater than 1,320 pounds.

10 (5) UTM.—The term “UTM” means an un-
11 manned aircraft system traffic management system
12 or service.