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(Original Signature of Member)

119TH CONGRESS
2D SESSION

H. R. _____

To direct the Secretary of Defense to establish test and training corridors for small unmanned aircraft systems and associated capabilities, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. JACKSON of Texas introduced the following bill; which was referred to the Committee on _____

A BILL

To direct the Secretary of Defense to establish test and training corridors for small unmanned aircraft systems and associated capabilities, 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. REQUIREMENT TO ESTABLISH TEST AND**
4 **TRAINING CORRIDORS FOR SMALL UN-**
5 **MANNED AIRCRAFT SYSTEMS AND ASSOCI-**
6 **ATED CAPABILITIES.**

7 (a) IN GENERAL.—The Secretary of Defense shall es-
8 tablish or designate, and operate, one or more test and

1 training corridors for small unmanned aircraft systems,
2 counter-unmanned aircraft system platforms, and associ-
3 ated capabilities within the national airspace system.

4 (b) FACILITIES.—The Secretary of Defense may con-
5 struct new facilities, or use existing facilities available to
6 the Department of Defense, to support one or more test
7 and training corridors established or designated under
8 subsection (a) that collectively address each of the func-
9 tions described in subsection (c).

10 (c) FUNCTIONS.—The Secretary of Defense shall en-
11 sure that any test and training corridor established or des-
12 ignated under subsection (a) enables the research, develop-
13 ment, testing, and evaluation of, and training for members
14 of the Armed Forces on—

15 (1) small unmanned aircraft systems and asso-
16 ciated autonomy software, kinetic and nonkinetic
17 payloads, sensors, communications, and navigation
18 technology;

19 (2) kinetic and nonkinetic counter small-un-
20 manned aircraft system capabilities, including high
21 power microwave, high energy laser, and electronic
22 warfare capabilities, and any requisite autonomy
23 software, sensors, and command and control capa-
24 bilities;

1 (3) small to medium caliber counter unmanned
2 aircraft systems ammunition and weapon systems,
3 low collateral damage weapons and munitions, and
4 drone-versus-drone capabilities;

5 (4) the acceleration of the integration of mod-
6 ular payloads onto multiple unmanned aircraft sys-
7 tems and counter unmanned aircraft systems and
8 platforms;

9 (5) the reduction in time-to-field for lethal and
10 non-lethal drone-enabled munitions and munition
11 payload capabilities; and

12 (6) standardization of payload-to-platform
13 interfaces.

14 (d) SITE SELECTION.—In establishing or designating
15 one or more test and training corridors under subsection
16 (a), the Secretary of Defense, in coordination with the Di-
17 rector of the Test Resource Management Center and the
18 Secretaries of the military departments, shall—

19 (1) identify potential locations within the na-
20 tional airspace system that would be conducive to
21 conducting testing, evaluation, and training activities
22 with respect to small unmanned aircraft systems and
23 counter-small unmanned aircraft capabilities, with
24 prioritization of sites that best support the test and

1 training corridor functions described in subsection
2 (c);

3 (2) assess whether existing test and evaluation
4 facilities, including Government-owned and non-Gov-
5 ernment owned facilities, could be used to meet cur-
6 rent and future requirements with respect to such
7 testing, evaluation and training;

8 (3) identify any additional resources required to
9 establish or designate, and operate the corridor, in-
10 cluding military construction costs and personnel
11 and manning costs;

12 (4) identify any sensors and capabilities needed
13 to adequately simulate operationally realistic envi-
14 ronments in the corridor, including environments
15 with denied or degraded—

16 (A) communications;

17 (B) electromagnetic spectrum; and

18 (C) global positioning system;

19 (5) identify any interagency, legal, regulatory,
20 or policy impediments to carrying out testing, eval-
21 uation, and training activities with respect to small
22 unmanned aircraft systems and counter-small un-
23 manned aircraft capabilities within the national air-
24 space system, including any impediments to the use
25 of—

- 1 (A) electronic warfare;
- 2 (B) directed energy (such as high-powered
- 3 microwave and high energy lasers);
- 4 (C) GPS jamming and spoofing;
- 5 (D) spectrum enabled and cellular-network
- 6 enabled systems and capabilities; and
- 7 (E) other relevant capabilities;
- 8 (6) consult with interagency partners to develop
- 9 recommendations for—

10 (A) addressing any impediments identified

11 under paragraph (4); and

12 (B) ensuring the safety of testing and

13 training activities conducted in the national air-

14 space system; and

15 (7) consider diverse geographic regions across

16 the United States.

17 (e) NOTIFICATION TO CONGRESS.—Not later than 90

18 days after establishing or designating a test and training

19 corridor under subsection (a), the Secretary of Defense

20 shall submit to the congressional defense committees (as

21 such term is defined in section 101(a)(16) of title 10,

22 United States Code) a written notification that de-

23 scribes—

24 (1) the location of the corridor;

1 (2) any funding, personnel, or other resources
2 required to support the corridor; and
3 (3) any agreements with other Federal agencies
4 that may be required to safely operate the corridor
5 in the national airspace system.