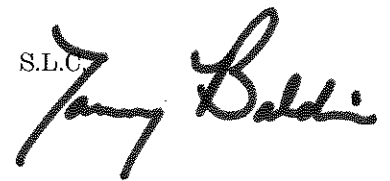


Baldwin, Cortez Masto - 1 (as modified)

ROS17847

S.L.C.



AMENDMENT NO. _____ Calendar No. _____

Purpose: To establish centers of excellence in small unmanned aircraft system technology training.

IN THE SENATE OF THE UNITED STATES—115th Cong., 1st Sess.

S. 1405

To amend title 49, United States Code, to authorize appropriations for the Federal Aviation Administration, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Ms. BALDWIN
and Ms. Cortez Masto

Viz:

1 At the end of part III of subtitle A of title II, add
2 the following:

3 **SEC. 2155. COMMUNITY AND TECHNICAL COLLEGE CEN-**
4 **TERS OF EXCELLENCE IN SMALL UNMANNED**
5 **AIRCRAFT SYSTEM TECHNOLOGY TRAINING.**

6 (a) DESIGNATION.—Not later than 180 days after
7 the date of the enactment of this Act, the Secretary of
8 Transportation, in consultation with the Secretary of Edu-
9 cation and the Secretary of Labor, shall establish a proc-
10 ess to designate consortia of public, 2-year institutions of
11 higher education as Community and Technical College

1 Centers of Excellence in Small Unmanned Aircraft System
2 Technology Training (in this section referred to as the
3 “Centers of Excellence”).

4 (b) FUNCTIONS.—A Center of Excellence designated
5 under subsection (a) shall have the capacity to train stu-
6 dents for career opportunities in industry and government
7 service related to the use of small unmanned aircraft sys-
8 tems.

9 (c) EDUCATION AND TRAINING REQUIREMENTS.—In
10 order to be designated as a Center of Excellence under
11 subsection (a), a consortium shall be able to address edu-
12 cation and training requirements associated with various
13 types of small unmanned aircraft systems, components,
14 and related equipment, including with respect to—

15 (1) multi-rotor and fixed-wing small unmanned
16 aircraft;

17 (2) flight systems, radio controllers, compo-
18 nents, and characteristics of such aircraft;

19 (3) routine maintenance, uses and applications,
20 privacy concerns, safety, and insurance for such air-
21 craft;

22 (4) hands-on flight practice using small un-
23 manned aircraft systems and computer simulator
24 training;

1 (5) use of small unmanned aircraft systems in
2 various industry applications and local, State, and
3 Federal government programs and services, includ-
4 ing in agriculture, law enforcement, monitoring oil
5 and gas pipelines, natural disaster response and re-
6 covery, fire and emergency services, and other
7 emerging areas;

8 (6) Federal policies concerning small unmanned
9 aircraft;

10 (7) dual credit programs to deliver small un-
11 manned aircraft training opportunities to secondary
12 school students; or

13 (8) training with respect to sensors and the
14 processing, analyzing, and visualizing of data col-
15 lected by small unmanned aircraft.

16 (d) COLLABORATION.—Each Center of Excellence
17 shall seek to collaborate with institutions participating in
18 the Alliance for System Safety of UAS through Research
19 Excellence of the Federal Aviation Administration and
20 with the test ranges designated under section 332(c) of
21 the FAA Modernization and Reform Act of 2012 (Public
22 Law 112–95; 49 U.S.C. 40101 note).

23 (e) INSTITUTION OF HIGHER EDUCATION.—In this
24 section, the term “institution of higher education” has the

1 meaning given the term in section 101 of the Higher Edu-
2 cation Act of 1965 (20 U.S.C. 1001).