

SSB 5982 - H COMM AMD
By Committee on Higher Education

NOT CONSIDERED 03/01/2012

1 Strike everything after the enacting clause and insert the
2 following:

3 "NEW SECTION. **Sec. 1.** (1) The joint center for aerospace
4 technology innovation is created to:

5 (a) Pursue joint industry-university research in computing,
6 manufacturing efficiency, materials/structures innovation, and other
7 new technologies that can be used in aerospace firms;

8 (b) Enhance the education of students in the engineering
9 departments of the University of Washington, Washington State
10 University, and other participating institutions through industry-
11 focused research; and

12 (c) Work directly with existing small, medium-sized, and large
13 aerospace firms and aerospace industry associations to identify
14 research needs and opportunities to transfer off-the-shelf technologies
15 that would benefit such firms.

16 (2) The center shall be operated and administered as a multi-
17 institutional education and research center, conducting research and
18 development programs in various locations within Washington under the
19 joint authority of the University of Washington and Washington State
20 University. The initial administrative offices of the center shall be
21 west of the crest of the Cascade mountains. In order to meet aerospace
22 industry needs, the facilities and resources of the center must be made
23 available to all four-year institutions of higher education as defined
24 in RCW 28B.10.016. Resources include, but are not limited to,
25 internships, on-the-job training, and research opportunities for
26 undergraduate and graduate students and faculty.

27 (3) The powers of the center are vested in and shall be exercised
28 by a board of directors. The board shall consist of nine members
29 appointed by the governor. The governor shall appoint a nonvoting
30 chair. Of the eight voting members, one member shall represent small

1 aerospace firms, one member shall represent medium-sized firms, one
2 member shall represent large aerospace firms, one member shall
3 represent labor, two members shall represent aerospace industry
4 associations, and two members shall represent higher education. The
5 terms of the initial members shall be staggered.

6 (4) The board shall hire an executive director. The executive
7 director shall hire such staff as the board deems necessary to operate
8 the center. Staff support may be provided from among the cooperating
9 institutions through cooperative agreements to the extent funds are
10 available. The executive director may enter into cooperative
11 agreements for programs and research with public and private
12 organizations including state and nonstate agencies consistent with
13 policies of the participating institutions.

14 (5) The board must:

15 (a) Work with aerospace industry associations and aerospace firms
16 of all sizes to identify the research areas that will benefit the
17 intermediate and long-term economic vitality of the Washington
18 aerospace industry;

19 (b) Identify entrepreneurial researchers to join or lead research
20 teams in the research areas specified in (a) of this subsection and the
21 steps the University of Washington and Washington State University will
22 take to recruit such researchers;

23 (c) Assist firms to integrate existing technologies into their
24 operations and align the activities of the center with those of impact
25 Washington and innovate Washington to enhance services available to
26 aerospace firms;

27 (d) Develop internships, on-the-job training, research, and other
28 opportunities and ensure that all undergraduate and graduate students
29 enrolled in an aerospace engineering curriculum have direct experience
30 with aerospace firms;

31 (e) Assist researchers and firms in safeguarding intellectual
32 property while advancing industry innovation;

33 (f) Develop and strengthen university-industry relationships
34 through promotion of faculty collaboration with industry, and sponsor,
35 in collaboration with innovate Washington, at least one annual
36 symposium focusing on aerospace research in the state of Washington;

37 (g) Encourage a full range of projects from small research projects

1 that meet the specific needs of a smaller company to large scale,
2 multipartner projects;

3 (h) Develop nonstate support of the center's research activities
4 through leveraging dollars from federal and private for-profit and
5 nonprofit sources;

6 (i) Leverage its financial impact through joint support
7 arrangements on a project-by-project basis as appropriate;

8 (j) Establish mechanisms for soliciting and evaluating proposals
9 and for making awards and reporting on technological progress,
10 financial leverage, and other measures of impact;

11 (k) By June 30, 2013, develop an operating plan that includes the
12 specific processes, methods, or mechanisms the center will use to
13 accomplish each of its duties as set out in this subsection; and

14 (l) Report biennially to the legislature and the governor about the
15 impact of the center's work on the state's economy and the aerospace
16 sector, with projections of future impact, providing indicators of its
17 impact, and outlining ideas for enhancing benefits to the state. The
18 report must be coordinated with the governor's office, the Washington
19 economic development commission, the department of commerce, and
20 innovate Washington.

21 NEW SECTION. **Sec. 2.** The joint center for aerospace technology
22 innovation may solicit and receive gifts, grants, donations,
23 sponsorships, or contributions from any federal, state, or local
24 governmental agency or program or any private source, and expend the
25 same for any purpose consistent with this chapter.

26 NEW SECTION. **Sec. 3.** If specific funding for the purposes of this
27 act, referencing this act by bill or chapter number, is not provided by
28 June 30, 2012, in the omnibus appropriations act, this act is null and
29 void.

30 NEW SECTION. **Sec. 4.** Sections 1 and 2 of this act constitute a
31 new chapter in Title 28B RCW."

32 Correct the title.

EFFECT: Requires that all public baccalaureate institutions have

access to the facilities and resources of the Center in order to meet aerospace industry needs.

Specifies that resources include internships, on-the-job training, and research opportunities for undergraduate and graduate students and faculty.

Adds a null and void clause.

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