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LEGISLATIVE ACTION

Senate	.	House
Comm: FAV	.	
04/06/2009	.	
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The Committee on Commerce (Lynn) recommended the following:

Senate Amendment (with title amendment)

Delete everything after the enacting clause
and insert:

Section 1. Short title.—This act may be cited as the "Space
Transportation Research and Development Institute Act."

Section 2. Legislative findings.—The Legislature finds and
declares that the anticipated impacts of the National
Aeronautics and Space Administration's retirement of the Space
Shuttle program reveal an underlying lack of diversification in
Florida's space industry. Florida lags significantly behind
other states in high-value, space-related research and



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13 technology development while its space launch industry suffers
14 from outdated technologies and increased international and
15 domestic competition. The Legislature finds that the state
16 should expand statewide involvement in space research and
17 technology development programs that will leverage and improve
18 the state's space transportation industry through
19 multiuniversity partnerships with industry, the Federal Aviation
20 Administration, the National Aeronautics and Space
21 Administration, and the Department of Defense.

22 Section 3. Paragraph (c) is added to subsection (8) of
23 section 331.3051, Florida Statutes, to read:

24 331.3051 Duties of Space Florida.—Space Florida shall:

25 (8) Carry out its responsibility for research and
26 development by:

27 (c) Supporting the development and operation of the Space
28 Transportation Research and Development Institute, when
29 possible. Such support may include, but is not limited to:

30 1. Providing the institute with advisory support for
31 defining the focus and scope of multiuniversity projects.

32 2. Providing the institute with access to the Cape
33 Canaveral Spaceport and other spaceport sites in the state,
34 including launch, laboratory, and processing facilities for
35 research and program management.

36 3. Providing support for the development of the institute
37 among relevant agencies and policymakers in Washington, D.C.,
38 and this state.

39 4. Engaging the institute as a partner in support of space
40 transportation policy, range and spaceport technology
41 development, and other space transportation technology programs.



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42 5. Providing support to institute projects through the
43 Florida-NASA Matching Grant Program as provided in subsection
44 (10).

45 Section 4. Section 331.365, Florida Statutes, is created to
46 read:

47 331.365 Office of Tourism, Trade, and Economic Development;
48 Space Transportation Research and Development Institute.

49 (1) There is established within the Office of Tourism,
50 Trade, and Economic Development a multiuniversity Space
51 Transportation Research and Development Institute that shall
52 pursue Federal Aviation Administration sponsorship of a Center
53 of Excellence focused on high-impact space transportation
54 research, technology development, and policy analysis
55 activities. The institute shall be led by Embry-Riddle
56 Aeronautical University and shall include other public and
57 private postsecondary academic institutions within and outside
58 the state. The institute, through its partner institutions,
59 shall support research focus areas including, but not limited
60 to, spaceport licensing and safety; range and airspace
61 management systems development, simulation, and qualification;
62 spaceflight human factors issues; spaceflight passenger, crew,
63 and technician training and certification; launch vehicle safety
64 analysis; materials science for spaceflight; spaceport
65 instrumentation, technologies, and processes; and other topics
66 which may be of interest to the Federal Aviation Administration.

67 (2) The institute shall be established in phases, with the
68 initial phase focused on developing a management structure,
69 establishing a formal relationship with the Federal Aviation
70 Administration, and forming partnerships with academic



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71 institutions and industry. The institute shall provide a
72 quarterly report to the Office of Tourism, Trade, and Economic
73 Development on the institute's activities, relationship status
74 with the Federal Aviation Administration, research, and
75 partnerships.

76 Section 5. This act shall not require the appropriation of
77 funds or the assignment of personnel resources by the Office of
78 Tourism, Trade, and Economic Development.

79 Section 6. This act shall take effect July 1, 2009.

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81 ===== T I T L E A M E N D M E N T =====

82 And the title is amended as follows:

83 Delete everything before the enacting clause
84 and insert:

85 A bill to be entitled
86 An act relating to the space industry; providing a
87 short title; providing legislative findings; amending
88 s. 331.3051, F.S.; expanding the duties of Space
89 Florida to include supporting the development and
90 operation of the Space Transportation Research and
91 Development Institute; creating s. 331.365, F.S.;
92 establishing the Space Transportation Research and
93 Development Institute within the Office of Tourism,
94 Trade, and Economic Development; providing that the
95 institute is a multiuniversity initiative; providing
96 purposes and duties of the institute; providing for
97 the establishment and administration of the institute;
98 providing that the act does not require appropriation
99 of funds or assignment of personnel resources by the



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Office of Tourism, Trade, and Economic Development;
providing an effective date.