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LEGISLATIVE ACTION

Senate

.

House

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Floor: WD/2R

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04/29/2009 07:55 PM

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Senator Lynn moved the following:

1 **Senate Substitute for Amendment (340096) to Amendment (with**
2 **title amendment)**

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5 Between lines 1310 and 1311
6 insert:

7 Section 27. Short title.—Sections 28-30 of this act may be
8 cited as the “Space Transportation Research and Development
9 Institute Act.”

10 Section 28. Legislative findings.—The Legislature finds and
11 declares that the anticipated impacts of the National
12 Aeronautics and Space Administration’s retirement of the Space



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13 Shuttle program reveal an underlying lack of diversification in
14 Florida's space industry. Florida lags significantly behind
15 other states in high-value, space-related research and
16 technology development while its space launch industry suffers
17 from outdated technologies and increased international and
18 domestic competition. The Legislature finds that the state
19 should expand statewide involvement in space research and
20 technology development programs that will leverage and improve
21 the state's space transportation industry through
22 multiuniversity partnerships with industry, the Federal Aviation
23 Administration, the National Aeronautics and Space
24 Administration, and the Department of Defense.

25 Section 29. Paragraph (c) is added to subsection (8) of
26 section 331.3051, Florida Statutes, to read:

27 331.3051 Duties of Space Florida.—Space Florida shall:

28 (8) Carry out its responsibility for research and
29 development by:

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

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

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

39 3. Providing support for the development of the institute
40 among relevant agencies and policymakers in Washington, D.C.,
41 and this state.



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42 4. Engaging the institute as a partner in support of space
43 transportation policy, range and spaceport technology
44 development, and other space transportation technology programs.

45 5. Providing support to institute projects through the
46 Florida-NASA Matching Grant Program as provided in subsection
47 (10).

48 Section 30. Section 331.365, Florida Statutes, is created
49 to read:

50 331.365 Office of Tourism, Trade, and Economic Development;
51 Space Transportation Research and Development Institute.-

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



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71 (2) The institute shall be established in phases, with the
72 initial phase focused on developing a management structure,
73 establishing a formal relationship with the Federal Aviation
74 Administration, and forming partnerships with academic
75 institutions and industry. The institute shall provide a
76 quarterly report to the Office of Tourism, Trade, and Economic
77 Development on the institute's activities, relationship status
78 with the Federal Aviation Administration, research, and
79 partnerships. Any monies provided by government or private
80 industry directly to Embry Riddle Aeronautical University or
81 Florida Institute of Technology are not a part of the Institute
82 but shall remain as an allocation intended for each institution.

83 Section 31. Sections 28-30 of this act may not require the
84 appropriation of funds or the assignment of personnel resources
85 by the Office of Tourism, Trade, and Economic Development.

86
87 ===== T I T L E A M E N D M E N T =====

88 And the title is amended as follows:

89 Delete line 1428

90 and insert:

91 Regional Transportation Authority; providing a short
92 title; providing legislative findings; amending s.
93 331.3051, F.S.; expanding the duties of Space Florida
94 to include supporting the development and operation of
95 the Space Transportation Research and Development
96 Institute; creating s. 331.365, F.S.; establishing the
97 Space Transportation Research and Development
98 Institute within the Office of Tourism, Trade, and
99 Economic Development; providing that the institute is



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100 a multiuniversity initiative; providing purposes and
101 duties of the institute; providing for the
102 establishment and administration of the institute;
103 providing that the act does not require appropriation
104 of funds or assignment of personnel resources by the
105 Office of Tourism, Trade, and Economic Development;
106 providing an effective date.