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LEGISLATIVE ACTION

Senate

House

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Floor: WD/2R

04/29/2009 07:55 PM

Senator Lynn moved the following:

1 **Senate Amendment to Amendment (728458) (with title**
2 **amendment)**

3
4 Between lines 1310 and 1311
5 insert:

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

9 Section 28. Legislative findings.—The Legislature finds and
10 declares that the anticipated impacts of the National
11 Aeronautics and Space Administration's retirement of the Space
12 Shuttle program reveal an underlying lack of diversification in



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16 from outdated technologies and increased international and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

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

26 331.3051 Duties of Space Florida.—Space Florida shall:

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

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

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

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

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

41 4. Engaging the institute as a partner in support of space



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42 transportation policy, range and spaceport technology
43 development, and other space transportation technology programs.

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

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

49 331.365 Office of Tourism, Trade, and Economic Development;
50 Space Transportation Research and Development Institute.-

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

69 (2) The institute shall be established in phases, with the
70 initial phase focused on developing a management structure,



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

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

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

83 And the title is amended as follows:

84 Delete line 1428

85 and insert:

86 Regional Transportation Authority; providing a short
87 title; providing legislative findings; amending s.
88 331.3051, F.S.; expanding the duties of Space Florida
89 to include supporting the development and operation of
90 the Space Transportation Research and Development
91 Institute; creating s. 331.365, F.S.; establishing the
92 Space Transportation Research and Development
93 Institute within the Office of Tourism, Trade, and
94 Economic Development; providing that the institute is
95 a multiuniversity initiative; providing purposes and
96 duties of the institute; providing for the
97 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.