



GOV. MSG. NO. 907

EXECUTIVE CHAMBERS
HONOLULU

LINDA LINGLE
GOVERNOR

June 7, 2007

The Honorable Colleen Hanabusa, President
and Members of the Senate
Twenty-Fourth State Legislature
State Capitol, Room 409
Honolulu, Hawaii 96813

Dear Madam President and Members of the Senate:

This is to inform you that on June 7, 2007, the following bill was signed into law:

SB907 SD2 HD2 CD1

A BILL FOR AN ACT RELATING TO AEROSPACE
DEVELOPMENT.
(ACT 149)

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Lingle".

LINDA LINGLE

Approved by the Governor

on JUN 7 2007

THE SENATE
TWENTY-FOURTH LEGISLATURE, 2007
STATE OF HAWAII

ACT 149
S.B. NO. 907
S.D. 2
H.D. 2
C.D. 1

A BILL FOR AN ACT

RELATING TO AEROSPACE DEVELOPMENT.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that Hawaii's diverse
2 natural resources, unique geographic terrain, first-class
3 technological infrastructure, and resident scientific and
4 engineering expertise make our island state an ideal location to
5 develop, grow, and sustain a wide variety of aerospace-related
6 activities. For nearly half a century, the State has supported
7 our national space efforts, beginning with astronaut training
8 programs in the late 1950s and the development of world-class
9 observatories in the 1960s. Over the past three decades, the
10 University of Hawaii, the United States military, and numerous
11 companies statewide have also engaged in a variety of
12 nationally-funded pioneering programs in planetary geosciences,
13 satellite communications, remote sensing, environmental
14 monitoring, and meteorology.

15 These activities were illustrated in a February 4, 2007,
16 article in the *Honolulu Star-Bulletin* entitled "UH to launch
17 satellites." The University of Hawaii small satellite program



1 began in November 2001, and students have built several
2 generations of small satellites called CubeSats, about the size
3 of a soda can. Their first satellite, plus thirteen from other
4 universities, was on a Russian rocket that crashed after liftoff
5 in July 2006. While this outcome was disappointing, students
6 remain focused on the goal of putting two satellites into orbit,
7 with the first launch in 2009 and the second in 2010.
8 Currently, nearly two dozen students are working on satellites
9 ranging from those that can fit in the palm of a hand to the
10 size of a microwave oven. About one hundred fifty students who
11 worked on small satellites have graduated from the University of
12 Hawaii, and most found jobs elsewhere. Building new initiatives
13 in Hawaii will bring some of these students home and allow them
14 to use their education in small-satellite technology in Hawaii.

15 The purpose of this Act is to position Hawaii to be
16 nationally and globally competitive and recognized in aerospace
17 development.

18 SECTION 2. Chapter 201, Hawaii Revised Statutes, is
19 amended as follows:

20 1. By amending the title of part V to read:

21 "[+]PART V. [+] OFFICE OF [~~SPACE INDUSTRY~~] AEROSPACE
22 DEVELOPMENT"



1 2. By amending section 201-71 to read:

2 "[+] §201-71 [+] Definitions. As used in this part:

3 "Director" means the director of the office of [~~space~~
4 ~~industry.~~] aerospace development.

5 "Office" means the office of [~~space industry.~~] aerospace
6 development."

7 3. By amending the title and subsection (a) of section
8 201-72 to read:

9 "§201-72 Office of [~~space industry,~~] aerospace
10 development; establishment. (a) There is established an office
11 of [~~space industry~~] aerospace development in the department of
12 business, economic development, and tourism."

13 4. By amending section 201-73 to read:

14 "[+] §201-73 [+] Powers and duties of director. In addition
15 to any other powers and duties provided in this part, the
16 director shall:

- 17 (1) Oversee, supervise, and direct the planning,
18 evaluation, and coordination of space-related
19 activities and identify and promote opportunities for
20 expanding and diversifying aerospace-related
21 industries in the [~~State,~~] state, which may include a



- 1 Pacific international center for space exploration
2 systems to support space exploration and settlement;
- 3 (2) Initiate discussions for private and international
4 involvement in space-related activities in the
5 [State,] state;
- 6 (3) Assist the University of Hawaii, local companies,
7 research institutions, and other interested
8 organizations in establishing partnerships with
9 corporate, government, and university entities that
10 can promote and enhance the state's aerospace
11 industry;
- 12 (4) Leverage aerospace and related technological
13 capabilities in the state's academic, public, and
14 private sectors to enhance the State's ability to
15 procure both federal and private research and
16 development grants and to increase the state's
17 competitiveness in national and global aerospace
18 markets;
- 19 (5) Promote innovative education and workforce development
20 programs that will enhance public awareness of the
21 state's aerospace potential and enable residents to
22 pursue employment in Hawaii's aerospace industry;



- 1 (6) Monitor national and global trends in the aerospace
2 industry and recommend programs and policies that can
3 support aerospace industry development statewide;
- 4 ~~[(3)]~~ (7) Review the effectiveness of present publications,
5 pamphlets, and other sources of information about
6 Hawaii's space-related activities produced and
7 distributed by the State;
- 8 ~~[(4) Have the office serve]~~ (8) Serve as a clearinghouse
9 for information on Hawaii's space-related
10 activities~~[,]~~ to include but not be limited to~~[,]~~
11 those of the University of Hawaii and federal agencies
12 located in Hawaii;
- 13 ~~[(5) Develop a business plan for a commercial space~~
14 ~~facility and for pursuing appropriate business~~
15 ~~partners,]~~
- 16 ~~+(6)]~~ (9) Target existing businesses [which] that can
17 provide products or services of importance to the
18 space industry to support the expansion of ~~[such]~~
19 these businesses in Hawaii;
- 20 ~~[(7)]~~ (10) Increase contact and maintain liaison with the
21 National Aeronautics and Space Administration and
22 other federal agencies and facilities;



1 ~~[(8)]~~ (11) Institute procedures by which citizen input on
2 proposed space facilities development shall be invited
3 at the earliest possible time in the development
4 process;

5 ~~[(9)] Develop, in consultation with the office of Hawaiian~~
6 ~~affairs and other Hawaiian organizations, appropriate~~
7 ~~mechanisms for the consideration and protection of~~
8 ~~Hawaiian cultural values and resources, religious~~
9 ~~rights, and traditional and customary uses which may~~
10 ~~be affected by space related activities;~~

11 ~~[(10)]~~ (12) Adopt, amend, and repeal rules pursuant to
12 chapter 91 necessary to carry out this part;

13 ~~[(11)]~~ (13) Contract for ~~[such]~~ services as may be necessary
14 for the purposes of this part; and

15 ~~[(12)]~~ (14) Do all other things necessary or proper to carry
16 out the purposes of this part."

17 5. By repealing section 201-74.

18 ~~["[§201-74] Communities near space facilities; residents.~~
19 ~~The director shall take steps to ensure that residents of~~
20 ~~communities surrounding space facilities are provided education~~
21 ~~and training pertaining to jobs created by space related~~
22 ~~activities. The director shall ensure that space industry~~

1 ~~companies in the State are committed to hiring community~~
2 ~~residents for jobs for which they hold appropriate~~
3 ~~qualifications and providing goods and services for the~~
4 ~~enhancement of community life."]~~

5 SECTION 3. There is appropriated out of the general
6 revenues of the State of Hawaii the sum of \$500,000 or so much
7 thereof as may be necessary for fiscal year 2007-2008 for the
8 office of aerospace development to carry out its duties to
9 identify and promote opportunities for expanding and
10 diversifying aerospace-related industries in the State as
11 follows:

- 12 1. Support for the 2007 Pacific
13 international center for space
14 exploration systems workshop and the
15 Japanese - United States Science,
16 Technology and Space Program Symposium \$60,000
- 17 2. Support for Hawaii's representation at
18 national and global aerospace
19 conferences and exhibitions \$40,000
- 20 3. Support the development of the Pacific
21 international center for space
22 exploration systems, if the center is



1 established under section 201-73(1),
2 Hawaii Revised Statutes \$400,000

3 The sums appropriated shall be expended by the department
4 of business, economic development, and tourism for the purposes
5 of this Act.

6 SECTION 4. Statutory material to be repealed is bracketed
7 and stricken. New statutory material is underscored.

8 SECTION 5. This Act shall take effect on July 1, 2007.



GOVERNOR OF THE STATE OF HAWAII

Approved this day: JUN 7 2007

