

JAN 19 2007

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# 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 nationally  
12 funded pioneering programs in planetary geosciences, satellite  
13 communications, remote sensing, environmental monitoring, and  
14 meteorology.

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



1 SECTION 2. Chapter 201, Hawaii Revised Statutes, is  
2 amended by amending part V to read as follows:

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

4 [+]§201-71[+] Definitions. As used in this part:

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

7 "Office" means the office of [~~space industry.~~] aerospace  
8 development.

9 §201-72 Office of [~~space industry~~] aerospace development;

10 establishment. (a) There is established an office of [~~space~~  
11 ~~industry~~] aerospace development in the department of business,  
12 economic development, and tourism.

13 (b) The director shall have experience, knowledge, and  
14 expertise in space-related activities and development. The  
15 director shall be nominated and appointed by the governor  
16 without regard to chapter 76.

17 (c) The director shall hire staff necessary to carry out  
18 the purposes of this part.

19 (d) The director and employees of the office shall be  
20 included in any benefit program generally applicable to the  
21 officers and employees of the State.



1           [+]§201-73[+] Powers and duties of director. In addition  
2 to any other powers and duties provided in this part, the  
3 director shall:

4           (1) Oversee, supervise, and direct the planning,  
5 evaluation, and coordination of space-related  
6 activities and identify and promote opportunities for  
7 expanding and diversifying aerospace-related  
8 industries, including but not limited to, applied  
9 optics, astronomy and astrophysics, aviation, dual-use  
10 technology, environmental monitoring, meteorology,  
11 remote sensing, satellite communications, and  
12 commercial space launch in the State[+], which may  
13 include a Pacific international center for space  
14 exploration systems to support space exploration and  
15 settlement;

16           (2) Initiate discussions for private and international  
17 involvement in space-related activities in the State;

18           (3) Serve as a catalyst in forging partnerships between  
19 the University of Hawaii and businesses in the State  
20 to:



- 1           (A) Improve the relevance and quality of university  
2           training to support the growth and  
3           diversification of Hawaii's aerospace industry;
- 4           (B) Identify entrepreneurial opportunities for  
5           commercializing innovative spin-offs from basic  
6           research; and
- 7           (C) Facilitate technology transfer from the  
8           University of Hawaii to the private sector to  
9           expedite commercialization;
- 10          (4) Assist the University of Hawaii, local companies,  
11          research institutions, and other interested  
12          organizations in establishing partnerships with  
13          corporate, government, and university entities  
14          overseas that can promote and enhance the State's  
15          aerospace industry;
- 16          (5) Leverage aerospace and related technological  
17          capabilities in the State's academic, public, and  
18          private sectors to enhance the State's ability to  
19          procure both federal and private research and  
20          development grants and to increase the State's  
21          competitiveness in national and global aerospace  
22          markets;



- 1        (6) Promote innovative education and workforce development  
2        programs that will enhance public awareness of the  
3        State's aerospace potential and enable residents to  
4        pursue employment in Hawaii's aerospace industry;
- 5        (7) Monitor national and global trends in the aerospace  
6        industry and recommend programs and policies that can  
7        support aerospace industry development statewide;
- 8        (8) Serve as a central point of contact that can respond  
9        to both inquiries from inside and outside the State  
10       concerning Hawaii's aerospace-related interests and  
11       activities;
- 12       [~~3~~] (9) Review the effectiveness of present publications,  
13       pamphlets, and other sources of information about  
14       Hawaii's space-related activities produced and  
15       distributed by the State;
- 16       [~~4~~] (10) Have the office serve as a clearinghouse for  
17       information on Hawaii's space-related activities, to  
18       include but not be limited to, those of the University  
19       of Hawaii and federal agencies located in Hawaii;
- 20       [~~5~~] ~~Develop a business plan for a commercial space~~  
21       ~~facility and for pursuing appropriate business~~  
22       ~~partners;~~



- 1        ~~(6)~~ (11) Target existing businesses which can provide
- 2                    products or services of importance to the space
- 3                    industry to support the expansion of such businesses
- 4                    in Hawaii;
- 5        ~~(7)~~ (12) Increase contact and maintain liaison with the
- 6                    National Aeronautics and Space Administration and
- 7                    other federal agencies and facilities;
- 8        ~~(8)~~ (13) Institute procedures by which citizen input on
- 9                    proposed space facilities development shall be invited
- 10                    at the earliest possible time in the development
- 11                    process;
- 12        ~~(9)~~ ~~Develop, in consultation with the office of Hawaiian~~
- 13                    ~~affairs and other Hawaiian organizations, appropriate~~
- 14                    ~~mechanisms for the consideration and protection of~~
- 15                    ~~Hawaiian cultural values and resources, religious~~
- 16                    ~~rights, and traditional and customary uses which may~~
- 17                    ~~be affected by space-related activities;~~
- 18        ~~(10)~~ (14) Adopt, amend, and repeal rules pursuant to
- 19                    chapter 91 necessary to carry out this part;
- 20        ~~(11)~~ (15) Contract for such services as may be necessary
- 21                    for the purposes of this part; and



1       ~~[+12+]~~ (16) Do all other things necessary or proper to carry  
2                   out the purposes of this part.

3           ~~[[S201-74] Communities near space facilities; residents.~~  
4 ~~The director shall take steps to ensure that residents of~~  
5 ~~communities surrounding space facilities are provided education~~  
6 ~~and training pertaining to jobs created by space related~~  
7 ~~activities. The director shall ensure that space industry~~  
8 ~~companies in the State are committed to hiring community~~  
9 ~~residents for jobs for which they hold appropriate~~  
10 ~~qualifications and providing goods and services for the~~  
11 ~~enhancement of community life.]~~

12           ~~[+]~~S201-75~~[+]~~ **Space vehicles; prohibitions.** Any vehicle  
13 launched into space from the land or ocean territory of the  
14 State shall not carry weapons of destruction, nuclear waste  
15 materials, or use radioactive materials as a power source."

16           SECTION 3. There is appropriated out of the general  
17 revenues of the State of Hawaii the following sums, or so much  
18 thereof as may be necessary for fiscal year 2007-2008 and fiscal  
19 year 2008-2009, for the office of aerospace development to carry  
20 out its duties to identify and promote opportunities for  
21 expanding and diversifying aerospace-related industries in the  
22 State as follows:



1 1. Fiscal year 2007-2008:

2 Operations of the office of aerospace

3 development \$ 173,000

4 Establishment and operations of the Pacific

5 international space center for exploration

6 systems \$1,000,000

7 Establishment of an international commercial

8 spaceport \$ 500,000

9 2. Fiscal year 2008-2009:

10 Operations of the office of aerospace

11 development \$ 173,000

12 Establishment and operations of the Pacific

13 international space center for exploration

14 systems \$1,000,000

15 The sums appropriated shall be expended by the office of

16 aerospace development for the purposes of this Act.

17 SECTION 4. Statutory material to be repealed is bracketed

18 and stricken. New statutory material is underscored.

19 SECTION 5. This Act shall take effect upon its approval,

20 except that section 3 shall take effect on July 1, 2007.

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INTRODUCED BY:

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Norman Sakam  
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**Report Title:**

Office of Aerospace Development

**Description:**

Creates the office of aerospace development within the department of business, economic development, and tourism. Appropriates \$1,673,000 in FY 2007-2008 and \$1,173,000 in FY 2008-2009.

