

JAN 25 2023

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 aerospace has played
2 a pivotal role in expanding and diversifying the national
3 economy by forging new inroads to scientific discovery,
4 advancing national engineering and manufacturing expertise,
5 pioneering innovations in communications and computer
6 technologies, enhancing surveillance of our home planet, and
7 enabling better understanding of weather systems and climate
8 change. Today, the aerospace industry holds great potential to
9 enable future innovation in science and technology. Hawaii's
10 strategic near-equatorial location, substantial telemetry, space
11 surveillance, Moon- and Mars-like terrain, resident expertise in
12 a broad range of aerospace-related technologies, and long-
13 standing ties with space-faring nations throughout the Asia-
14 Pacific region are strategic assets and capabilities that can be
15 leveraged to help realize humankind's full potential in space,
16 and in so doing establish the State as a major contributor to
17 and beneficiary of global space enterprise. Historically,



1 Hawaii has played a seminal role in developing the nation's
2 space program through astronaut training and the development of
3 world-class observatories. Today, Hawaii continues to support
4 national space efforts through a wide range of aerospace-related
5 activities on all major islands, including the Mauna Kea science
6 reserve on Hawaii island, the Air Force Maui optical and
7 supercomputing observatory on Maui, the University of Hawaii's
8 institute for astronomy and Hawaii institute for geophysics and
9 planetology on Oahu, and the Pacific missile range facility on
10 Kauai.

11 The legislature further finds that establishing the Hawaii
12 office of aerospace development will provide a focal point
13 within state government to facilitate dialogue and coordination
14 among Hawaii's public, private, and academic sectors, and
15 between state-based entities and public and private overseas
16 organizations to promote the growth and diversification of
17 Hawaii's aerospace industry. By establishing the office of
18 aerospace development, the State can more efficiently direct its
19 resources in the field of aerospace to further address these
20 needs.



1 The purpose of this Act is to establish the aerospace
2 development office within the Hawaii technology development
3 corporation.

4 SECTION 2. Chapter 201, Hawaii Revised Statutes, is
5 amended by adding a new part to be appropriately designated and
6 to read as follows:

7 **"PART . AEROSPACE DEVELOPMENT OFFICE**

8 **§201- Definitions.** As used in this part:

9 "Director" means the director of the aerospace development
10 office.

11 "Office" means the aerospace development office.

12 **§201- Aerospace development office; establishment.** (a)

13 There is established an aerospace development office in the
14 Hawaii technology development corporation.

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

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



1 (d) The director and employees of the office shall be
2 included in any benefit program generally applicable to the
3 officers and employees of the State.

4 §201- Powers and duties of director. In addition to any
5 other powers and duties provided in this part, the director
6 shall:

- 7 (1) Oversee, supervise, and direct the planning,
8 evaluation, and coordination of space-related
9 activities and identify and promote opportunities for
10 expanding and diversifying aerospace-related
11 industries, including but not limited to applied
12 optics, astronomy and astrophysics, aviation, dual-use
13 technology, environmental monitoring, meteorology,
14 remote sensing, robotics and unmanned aerial vehicles
15 such as drones, satellite communications, and
16 commercial space launch in the State;
- 17 (2) Initiate discussions for private and international
18 involvement in space-related activities in the State;
- 19 (3) Serve as a catalyst in forging partnerships between
20 the University of Hawaii and businesses in the State
21 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



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



- 1 (11) Target existing businesses that can provide products
2 or services of importance to the space industry to
3 support the expansion of related businesses in Hawaii;
- 4 (12) Increase contact and maintain liaison with the
5 National Aeronautics and Space Administration and
6 other federal agencies and facilities;
- 7 (13) Institute procedures by which citizen input on
8 proposed space facilities development shall be invited
9 at the earliest possible time in the development
10 process;
- 11 (14) Adopt, amend, and repeal rules pursuant to chapter 91
12 necessary to carry out this part;
- 13 (15) Contract for services as may be necessary for the
14 purposes of this part; and
- 15 (16) Do all other things necessary or proper to carry out
16 the purposes of this part.

17 **§201- Space vehicles; prohibitions.** Any vehicle
18 launched into space from the land or ocean territory of the
19 State shall not carry weapons of destruction, nuclear waste
20 materials, or use radioactive materials as a power source."



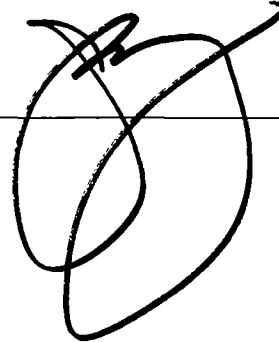
1 SECTION 3. There is appropriated out of the general
2 revenues of the State of Hawaii the sum of \$ or so
3 much thereof as may be necessary for fiscal year 2023-2024 and
4 the same sum or so much thereof as may be necessary for fiscal
5 year 2024-2025 for the establishment of the aerospace
6 development office within the Hawaii technology development
7 corporation.

8 The sums appropriated shall be expended by the Hawaii
9 technology development corporation for the purposes of this Act.

10 SECTION 4. This Act shall take effect on July 1, 2023.

11

INTRODUCED BY: _____

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S.B. NO. 1482

Report Title:

Aerospace Development Office; Hawaii Technology Development Corporation; Appropriation

Description:

Establishes the Aerospace Development Office within the Hawaii Technology Development Corporation. Appropriates funds.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

