
A BILL FOR AN ACT

RELATING TO ECONOMIC DEVELOPMENT.

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

1 SECTION 1. The legislature finds that the aerospace and
2 aeronautics fields have played a pivotal role in expanding and
3 diversifying the national economy by forging new inroads to
4 scientific discovery, advancing national engineering and
5 manufacturing expertise, pioneering innovations in
6 communications and computer technologies, enhancing surveillance
7 of our home planet, and enabling a better understanding of
8 weather systems and climate change. The aerospace and
9 aeronautics industries hold especially great potential to enable
10 future development and innovation in science and technology in
11 Hawaii. Hawaii's strategic near-equatorial location,
12 substantial telemetry, accessible space surveillance, Moon- and
13 Mars-like terrain, resident expertise in a broad range of
14 aerospace- and aeronautic-related technologies, and
15 long-standing ties with space-faring nations throughout the
16 Asia-Pacific region are strategic assets and capabilities.
17 These can be leveraged to help realize humankind's full



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

14 The legislature further finds that establishing the Hawaii
15 aerospace and aeronautics development program will provide a
16 focal point within state government to facilitate dialogue and
17 coordination among Hawaii's public, private, and academic
18 sectors and between state-based entities and public and private
19 overseas organizations, and to promote the growth and
20 diversification of Hawaii's aerospace and aeronautics
21 industries. By establishing the aerospace and aeronautics



1 development program and providing additional support of the
2 aerospace industry, the State can more efficiently direct its
3 resources to address the needs of the aerospace and aeronautics
4 fields.

5 Accordingly, the purpose of this Act is to:

6 (1) Establish the aerospace and aeronautics development
7 program within the department of business, economic
8 development, and tourism; and

9 (2) Appropriate funds to establish a position within the
10 Hawaii technology development corporation to assist
11 the corporation's aerospace coordinator.

12 SECTION 2. The Hawaii Revised Statutes is amended by
13 adding a new chapter to title 13 to be appropriately designated
14 and to read as follows:

15 **"CHAPTER**

16 **AEROSPACE AND AERONAUTICS DEVELOPMENT PROGRAM**

17 **§ -1 Definitions.** As used in this chapter:

18 "Director" means the director of the aerospace and
19 aeronautics development program.

20 "Program" means the aerospace and aeronautics development
21 program.



1 **§ -2 Aerospace and aeronautics development program;**
2 **establishment.** (a) There is established an aerospace and
3 aeronautics development program within the department of
4 business, economic development, and tourism for administrative
5 purposes only.

6 (b) The director shall have experience, knowledge, and
7 expertise in space-related activities and development. The
8 director shall be nominated and appointed by the governor
9 without regard to chapter 76.

10 (c) The director shall hire staff as necessary to carry
11 out the purposes of this chapter.

12 (d) The director and employees of the program shall be
13 included in any benefit program generally applicable to the
14 officers and employees of the State.

15 **§ -3 Director; powers and duties.** In addition to any
16 other powers and duties provided in this chapter, the director
17 shall:

18 (1) Oversee, supervise, and direct the planning,
19 evaluation, and coordination of space-related
20 activities and identify and promote opportunities for



- 1 expanding and diversifying aerospace-related
2 industries in the State, including:
- 3 (A) Applied optics;
 - 4 (B) Astronomy and astrophysics;
 - 5 (C) Aviation;
 - 6 (D) Dual-use technology;
 - 7 (E) Environmental monitoring;
 - 8 (F) Meteorology;
 - 9 (G) Remote sensing; and
 - 10 (H) Robotics and unmanned aerial vehicles, including
11 drones, satellite communications, and commercial
12 space launch;
- 13 (2) Initiate discussions for private and international
14 involvement in space-related activities in the State;
- 15 (3) Serve as a catalyst in forging partnerships between
16 the university of Hawaii and businesses in the State
17 to:
- 18 (A) Improve the relevance and quality of university
19 training to support the growth and
20 diversification of the State's aerospace
21 industry;



- 1 (B) Identify entrepreneurial opportunities to
2 commercialize basic research; and
- 3 (C) Facilitate the transfer of technology from the
4 university of Hawaii to the private sector to
5 expedite commercialization;
- 6 (4) Assist the university of Hawaii, local companies,
7 research institutions, and other stakeholders in
8 establishing partnerships with corporate, government,
9 and university entities overseas that can promote and
10 enhance the State's aerospace industry;
- 11 (5) Leverage aerospace and related technological
12 capabilities in the State's academic, public, and
13 private sectors to enhance the State's ability to
14 procure federal and private research and development
15 grants, and to increase the State's competitiveness in
16 national and global aerospace markets;
- 17 (6) Promote innovative education and workforce development
18 programs that will enhance public awareness of the
19 State's aerospace potential and enable residents to
20 pursue employment in the State's aerospace industry;



- 1 (7) Monitor national and global trends in the aerospace
2 industry and recommend programs and policies to
3 support aerospace industry development statewide;
- 4 (8) Serve as a central point of contact to respond to
5 inquiries concerning the State's aerospace-related
6 interests and activities;
- 7 (9) Review the effectiveness of present publications,
8 pamphlets, and other sources of information produced
9 and distributed by the State about its space-related
10 activities;
- 11 (10) Serve as a clearinghouse for information on the
12 State's space-related activities, including the
13 activities of the university of Hawaii and federal
14 agencies located in the State;
- 15 (11) Target existing businesses that can provide important
16 products or services to the space industry to support
17 the expansion of space-related businesses in the
18 State;
- 19 (12) Increase and maintain contact with the National
20 Aeronautics and Space Administration and other federal
21 agencies and facilities;



1 (13) Institute procedures by which citizens can offer input
2 on proposed space facilities development at the
3 earliest possible point in the development process;

4 (14) Adopt, amend, and repeal rules, pursuant to
5 chapter 91, as necessary to carry out this chapter;

6 (15) Contract for services as necessary for the purposes of
7 this chapter; and

8 (16) Do all other things necessary to carry out the
9 purposes of this chapter.

10 § -4 **Space vehicles; prohibitions.** The program shall
11 not authorize or facilitate the launching into space from the
12 State's land or ocean territory any vehicle that carries weapons
13 of destruction or nuclear waste materials, or that uses
14 radioactive materials as a power source."

15 SECTION 3. In accordance with section 9 of article VII of
16 the Hawaii State Constitution and sections 37-91 and 37-93,
17 Hawaii Revised Statutes, the legislature has determined that the
18 appropriations contained in H.B. No. , will cause the state
19 general fund expenditure ceiling for fiscal year 2024-2025 to be
20 exceeded by \$ or per cent. In addition, the
21 appropriation contained in this Act will cause the general fund



1 expenditure ceiling for fiscal year 2024-2025 to be further
 2 exceeded by \$ or per cent. The combined total
 3 amount of general fund appropriations contained in only these
 4 two Acts will cause the state general fund expenditure ceiling
 5 for fiscal year 2024-2025 to be exceeded by
 6 \$ or per cent. The reasons for exceeding the
 7 general fund expenditure ceiling are that:

- 8 (1) The appropriation made in this Act is necessary to
- 9 serve the public interest; and
- 10 (2) The appropriation made in this Act meets the needs
- 11 addressed by this Act.

12 SECTION 4. There is appropriated out of the general
 13 revenues of the State of Hawaii the sum of \$ or so
 14 much thereof as may be necessary for fiscal year 2024-2025 for
 15 the establishment of one full-time equivalent (1.0 FTE) position
 16 within the Hawaii technology development corporation to assist
 17 the corporation's aerospace coordinator.

18 The sum appropriated shall be expended by the department of
 19 business, economic development, and tourism for the purposes of
 20 this Act.



1 SECTION 5. This Act shall take effect on July 1, 3000.



S.B. NO. 2081
S.D. 2
H.D. 1

Report Title:

DBEDT; Aerospace and Aeronautics Development Program; HTDC;
Position; Appropriation; Expenditure Ceiling

Description:

Establishes the Aerospace and Aeronautics Development Program within the Department of Business, Economic Development, and Tourism. Appropriates funds to establish a position within the Hawaii Technology Development Corporation to assist the Corporation's aerospace coordinator. Effective 7/1/3000. (HD1)

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