

1 **§201-C Definitions.** For the purposes of this part:

2 "Aerospace activities" means the design, launch, operation,
3 and recovery of aircraft, satellites, spacecraft, launch
4 systems, or related technologies.

5 "Board" means the Hawaii orbital sustainability and space
6 traffic board.

7 "Launch corridor" means designated airspace or property
8 approved by the board for aerospace operations.

9 "Operator" means any person or entity conducting aerospace
10 activities from, or affecting, the State's airspace or
11 facilities.

12 "Orbital debris" means non-functional human-made objects in
13 orbit, including decommissioned satellites and fragments that
14 pose a collision risk.

15 **§201-D Hawaii orbital sustainability and space traffic**

16 **board; establishment.** (a) There is established within the
17 department of business, economic development, and tourism the
18 Hawaii orbital sustainability and space traffic board.

19 (b) The board shall comprise the following members or
20 their designees:



- 1 (1) The director of business, economic development, and
2 tourism, who shall serve as chairperson;
- 3 (2) The president of the university of Hawaii;
- 4 (3) The superintendent of education;
- 5 (4) The director of labor and industrial relations;
- 6 (5) The executive director of the Pacific international
7 space center for exploration systems; and
- 8 (6) Three private-sector aerospace experts nominated by
9 the governor with the advice and consent of the senate
10 and whose terms shall be subject to section 26-34.
- 11 Members of the board shall serve without compensation, but shall
12 be entitled to reimbursement for necessary expenses, including
13 travel expenses, incurred in the performance of their duties.
- 14 (c) In addition to any other powers or duties provided in
15 this part, the board shall:
- 16 (1) Approve and oversee all state-supported space
17 operations programs utilizing public moneys;
- 18 (2) Establish and maintain an orbital tracking and space
19 traffic coordination system for the State;



- 1 (3) Adopt rules pursuant to chapter 91 for operator
2 registration, orbital debris mitigation, and
3 enforcement;
- 4 (4) Coordinate with federal agencies, including the
5 Federal Aviation Administration, National Aeronautics
6 and Space Administration, and United States Space
7 Force; and
- 8 (5) Submit annual reports to the legislature pursuant to
9 section 201-I.

10 **§201-E Operator registration; compliance.** (a) All
11 operators shall register with the board prior to conducting any
12 aerospace activity affecting the State's airspace.

13 (b) Registration shall include submission of:

- 14 (1) A detailed mission plan, subject to standards
15 established by the board, including launch dates,
16 orbital parameters, and an end-of-life disposal
17 strategy;
- 18 (2) A debris mitigation plan pursuant to Federal Aviation
19 Administration regulations and international
20 guidelines; and



1 (3) Proof of insurance or financial liability for
2 potential damages.

3 (c) The board may deny an operator's registration or
4 suspend operations for noncompliance with any provision of this
5 section.

6 **§201-F Orbital tracking and traffic management system.**

7 (a) The board shall establish, maintain, and operate a state
8 orbital tracking and traffic management system; provided that
9 the board may award contracts pursuant to chapter 103D for these
10 purposes.

11 (b) The orbital tracking and traffic management system
12 shall:

13 (1) Monitor and track active satellites and debris in
14 orbit over the State;

15 (2) Issue collision warnings;

16 (3) Coordinate with and provide guidance to operators; and

17 (4) Maintain data consistent with Federal Aviation
18 Administration reporting requirements and
19 international guidelines.

20 (c) Operators shall comply with all guidance issued by the
21 board to avoid collisions and mitigate debris.



1 **§201-G Research; workforce development; education**

2 **programs.** (a) In coordination with the Pacific international
3 space center for exploration systems, the board shall award and
4 administer grants supporting:

5 (1) Orbital debris removal and mitigation technologies;

6 (2) Space situational awareness systems;

7 (3) Science, technology, engineering, and mathematics
8 education and workforce training programs; and

9 (4) Public-private aerospace research partnerships.

10 (b) Grants awarded pursuant to subsection (a) shall
11 include measurable milestones and annual reporting requirements.

12 **§201-H Environmental and cultural compliance.** All

13 aerospace operations and projects funded or approved pursuant to
14 this part shall:

15 (1) Comply with chapter 343;

16 (2) Respect Native Hawaiian cultural sites and comply with
17 historic preservation program requirements, including
18 consultation requirements under chapter 6E; and

19 (3) Comply with all debris mitigation standards and
20 requirements.



1 **§201-I Accountability; reporting requirement.** (a) The
2 board shall submit a report to the legislature no later than
3 twenty days prior to each regular session, which shall include:

4 (1) A list of registered operators and a summary of each
5 operator's activities;

6 (2) Description of debris incidents that occurred or
7 collision warnings issued;

8 (3) Outcomes of research, education, and workforce
9 development programs; and

10 (4) An analysis of environmental and cultural compliance.

11 (b) The board shall maintain a publicly accessible
12 database of orbital activities and compliance actions.

13 **§201-J Enforcement.** A violation of any provision of this
14 part may result in:

15 (1) Suspension or revocation of an operator's
16 registration;

17 (2) Forfeiture of state grant funding; and

18 (3) Debarment from state-supported programs for not more
19 than three years.

20 **§201-K Rulemaking.** The board may adopt rules pursuant to
21 chapter 91 as necessary to implement this part."



1 SECTION 2. 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 2026-2027 for
4 the implementation of section 1 of this Act, including:

- 5 (1) The establishment and operation of the orbital
6 tracking and traffic management system;
- 7 (2) Disbursement of grants for research, education, and
8 workforce development programs; and
- 9 (3) Administrative costs.

10 The sum appropriated shall be expended by the department of
11 business, economic development, and tourism for the purposes of
12 this Act.

13 SECTION 3. In codifying the new sections added by section
14 1 of this Act, the revisor of statutes shall substitute
15 appropriate section numbers for the letters used in designating
16 the new sections in this Act.

17 SECTION 4. This Act shall take effect on July 1, 3000.



Report Title:

DBEDT; Orbital Sustainability; Space Traffic Management; Debris Mitigation; Space Operations; Aerospace Activities; Board; Report; Reports; Appropriation

Description:

Establishes within the Department of Business, Economic Development, and Tourism the Hawaii Orbital Sustainability and Space Traffic Board and orbital tracking and traffic management system. Establishes registration and compliance standards for aerospace activities in state airspace. Authorizes the awarding of research, education, and workforce development grants. Requires compliance with the Hawaii Environmental Policy Act and historic preservation requirements, and Native Hawaiian cultural consultation. Requires annual reports to the Legislature. Appropriates funds. Effective 7/1/3000. (HD1)

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