
HOUSE RESOLUTION

REQUESTING THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, IN CONJUNCTION WITH THE UNIVERSITY OF HAWAII, TO CONVENE A WORKING GROUP TO DEVELOP RECOMMENDATIONS REGARDING THE SAFE, LEGAL, AND BENEFICIAL USE OF DRONES IN HAWAII.

1 WHEREAS, the technology and capability of unmanned aerial
2 vehicles, more popularly known as "drones", has expanded rapidly
3 over the last several years; and

4
5 WHEREAS, along with advances in drone technology and
6 capability, mass manufacturing of high quality drones has led to
7 lower costs and thus, easier access to drone technology,
8 resulting in the rise in the use of drones by the civilian
9 population; and

10
11 WHEREAS, drones have many potentially useful and life-
12 saving applications, both commercial and non-commercial,
13 including emergency search and rescue operations; fighting
14 forest fires; helping farmers apply fertilizer and pesticides in
15 a more targeted manner; invasive species detection and control;
16 watershed management; earthquake and tsunami damage assessment
17 and relief operations; motor vehicle traffic management; lava
18 flow monitoring; aerial photography and videography; land use
19 surveys; and geographical, geological, and archaeological
20 surveys; and

21
22 WHEREAS, while drones have numerous useful benefits and
23 applications that have already been demonstrated across the
24 country and around the world, the increased use of drones and
25 rapid development of drone technology has resulted in numerous
26 legal, privacy, and nuisance concerns being raised; and



1 WHEREAS, illegal, incorrect, uninformed, and malicious use
2 of drones has occurred in jurisdictions throughout the United
3 States, including Hawaii, prompting law enforcement and
4 prosecutorial agencies to seek common-sense regulations to
5 address any adverse effects of the burgeoning use of drones
6 across the country; and

7
8 WHEREAS, while numerous bills and other pieces of
9 legislation have been introduced during recent sessions of the
10 Legislature of the State of Hawaii seeking to address issues
11 regarding the use of drones, including any adverse impacts
12 drones may have on the general public, legislation regarding
13 drone use or comprehensive regulation has failed to pass the
14 Legislature for a variety of reasons; and

15
16 WHEREAS, the increase in drone use throughout the country
17 has necessitated efforts to regulate drone use on a national
18 level, including through Presidential initiative and actions of
19 federal agencies such as the Federal Aviation Administration, by
20 establishing best practices and standards and creating
21 educational and certification frameworks regarding drone use
22 that are sensitive to the needs of, and feedback from, drone
23 users; and

24
25 WHEREAS, in 2012, the United States Congress directed the
26 Federal Aviation Administration to establish unmanned aerial
27 systems research programs at six national test sites for the
28 development of unmanned aerial systems operating standards and
29 regulations; and

30
31 WHEREAS, Hawaii, in partnership with Alaska and Oregon,
32 submitted a tri-state proposal to establish the Pan-Pacific
33 Unmanned Aerial Systems Test Range Complex and was designated by
34 the Federal Aviation Administration as one of the six national
35 test site operators; and

36
37 WHEREAS, Hawaii's participation as a member of the Pan-
38 Pacific Unmanned Aerial Systems Test Range Complex has allowed
39 the State to develop strong relationships at both national and
40 regional levels with agencies at the forefront of national



1 efforts to develop operating standards and regulations for drone
2 use; and
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4 WHEREAS, as a result of its participation as a member of
5 the Pan-Pacific Unmanned Aerial Systems Test Range Complex,
6 Hawaii is in an unique position to impact the development of
7 operational standards and regulations regarding drone use
8 nationwide and to explore the best option to regulate the use of
9 drones within the State; now, therefore,
10

11 BE IT RESOLVED by the House of Representatives of the
12 Twenty-ninth Legislature of the State of Hawaii, Regular Session
13 of 2018, that the Department of Business, Economic Development
14 and Tourism, in conjunction with the University of Hawaii, is
15 requested to convene a Hawaii Drone Working Group to review
16 issues regarding drone use, and the development of laws,
17 regulations, and operational standards regarding drone use, on
18 both regional and national levels; and
19

20 BE IT FURTHER RESOLVED that, after reviewing issues
21 regarding drone use and the development of laws, regulations,
22 and operational standards, the Hawaii Drone Working Group is
23 requested to make recommendations as to how to best regulate the
24 use and operation of drones in Hawaii; and
25

26 BE IT FURTHER RESOLVED that the Hawaii Drone Working Group
27 consist of the following members:
28

- 29 (1) The Unmanned Aerial Systems Program Director of the
30 Applied Research Laboratory of the University of
31 Hawaii, or the Director's designee who shall serve as
32 the Chair of the Working Group;
33
- 34 (2) The Chairs of the House Committees on Public Safety;
35 Higher Education; Judiciary; and Economic Development
36 and Business;
37
- 38 (3) The Chairs of the Senate Committees on Public Safety,
39 Intergovernmental, and Military Affairs; Judiciary;
40 Higher Education; and Economic Development, Tourism,
41 and Technology;



- 1 (4) One member representing the Federal Aviation
2 Administration;
- 3
- 4 (5) The Adjutant General, or the Adjutant General's
5 designee;
- 6
- 7 (6) The Director of Transportation, or the Director's
8 designee;
- 9
- 10 (7) The Director of Business, Economic Development and
11 Tourism, or the Director's designee;
- 12
- 13 (8) The President of the University of Hawaii, or the
14 President's designee;
- 15
- 16 (9) The Chairperson of the Board of Land and Natural
17 Resources or the Chairperson's designee;
- 18
- 19 (10) The Chairperson of the Board of Agriculture or the
20 Chairperson's designee;
- 21
- 22 (11) The Attorney General or the Attorney General's
23 designee;
- 24
- 25 (12) The Director of Health, or the Director's designee;
- 26
- 27 (13) Three members appointed by the Hawaii State
28 Association of Counties, including:
29
 - 30 (A) One member representing fire and emergency
31 medical services personnel;
 - 32
 - 33 (B) One member representing a county police
34 department; and
 - 35
 - 36 (C) One member representing a county department of
37 planning and permitting;
 - 38
- 39 provided that at least one person appointed pursuant
40 to this paragraph shall be from a county with a
41 population of less than five hundred thousand;



- 1 (14) One member representing the Hawaii business community,
2 to be appointed by the Governor;
3
4 (15) Two members representing the aerospace or aviation
5 industries, to be appointed by the Governor;
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7 (16) One member, representing a privacy advocacy group, to
8 be appointed by the Governor;
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10 (17) One member, representing the commercial unmanned
11 aerial systems industry, to be appointed by the
12 Speaker of the House of Representatives;
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14 (18) One member, representing the motion picture, film, and
15 television industry, to be appointed by the President
16 of the Senate; and
17
18 (19) Any other members deemed appropriate and invited by
19 the Chair of the Working Group;
20

21 and

22
23 BE IT FURTHER RESOLVED that the Hawaii Drone Working Group
24 is requested to submit an interim report of its findings and
25 recommendations, including any necessary legislation, to the
26 Legislature no later than twenty days prior to the convening of
27 the Regular Session of 2019, and a final report of its findings
28 and recommendations, including any proposed legislation, to the
29 Legislature no later than twenty days prior to the convening of
30 the Regular Session of 2020; and
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32 BE IT FURTHER RESOLVED that the Hawaii Drone Working Group
33 shall cease to exist on June 30, 2020; and
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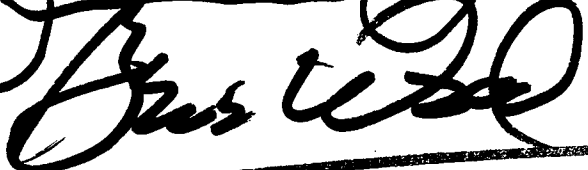


35 BE IT FURTHER RESOLVED that certified copies of this
36 Resolution be transmitted to the Governor, Acting Administrator
37 of the Federal Aviation Administration, Adjutant General,
38 Director of Transportation, Director of Business, Economic
39 Development and Tourism, President of the University of Hawaii,
40 Chairperson of the Board of Land and Natural Resources,
41 Chairperson of the Board of Agriculture, Attorney General,



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1 Director of Health, Unmanned Aerial Systems Program Director of
2 the Applied Research Laboratory of the University of Hawaii, and
3 President of the Hawaii State Association of Counties.
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