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# SENATE CONCURRENT RESOLUTION

REQUESTING THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND  
TOURISM AND APPLIED RESEARCH LABORATORY AT THE UNIVERSITY  
OF HAWAII TO CONVENE A WORKING GROUP TO DEVELOP  
RECOMMENDATIONS REGARDING THE SAFE, LEGAL, AND BENEFICIAL  
USE OF UNMANNED AIRCRAFT SYSTEMS IN HAWAII.

1           WHEREAS, unmanned aircraft systems (UAS) are expanding  
2 rapidly in capability and availability, driven by mass  
3 manufacturing and ever-improving technology; and  
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5           WHEREAS, numerous benefits of UAS have been demonstrated  
6 through constructive use of UAS in the United States and around  
7 the world for the public safety, health, conservation,  
8 education, and entertainment industries; and  
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10          WHEREAS, malicious, nuisance, uninformed, and improper  
11 usage of UAS have also occurred in Hawaii and other  
12 jurisdictions, challenging law enforcement and prosecution  
13 efforts to determine the appropriate legal context to apply  
14 existing laws and prevent adverse outcomes; and  
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16          WHEREAS, numerous bills have been presented to this body in  
17 recent sessions seeking to address issues caused by UAS, all of  
18 which have not been enforceable for a variety of reasons; and  
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20          WHEREAS, best practices, standards, and educational and  
21 certification frameworks for UAS use are now being taken on at  
22 the national level through presidential initiatives, rules by  
23 federal departments and agencies, and suggestions from  
24 professional organizations; and  
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26          WHEREAS, in 2015, the Hawaii Unmanned Aerial Systems Test  
27 Site Advisory Board was established under the Office of  
28 Aerospace Development in the Department of Business, Economic  
29 Development, and Tourism to oversee the planning and operation



1 of the Hawaii Unmanned Aerial Systems Test Site and unmanned  
2 aerial systems development and testing; and  
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4 WHEREAS, in 2018, the Department of Business, Economic  
5 Development, and Tourism applied to the Federal Aviation  
6 Administration as a Lead Applicant to participate in the  
7 Unmanned Aircraft Systems Integration Pilot Program, in which  
8 the State will have the opportunity to explore the best way  
9 forward for UAS use in Hawaii; and  
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11 WHEREAS, the Applied Research Laboratory at the University  
12 of Hawaii participates as a member of the Pan Pacific Unmanned  
13 Aircraft System Test Range Complex, leading to strong  
14 relationships at the national and regional level with agencies  
15 and individuals at the forefront of national efforts to evaluate  
16 UAS use; now, therefore,  
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18 BE IT RESOLVED by the Senate of the Twenty-ninth  
19 Legislature of the State of Hawaii, Regular Session of 2018, the  
20 House of Representatives concurring, that the Department of  
21 Business, Economic Development, and Tourism and Applied Research  
22 Laboratory at the University of Hawaii are requested to convene  
23 a Hawaii Unmanned Aircraft Systems Working Group to advise and  
24 inform this body, legislative committees, public agencies, city  
25 and county councils, and the public on developments and risks of  
26 UAS usage, as well as the direction of national and local  
27 efforts to address UAS issues, to inform policy decisions  
28 regarding UAS; and  
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30 BE IT FURTHER RESOLVED that the Hawaii Unmanned Aircraft  
31 Systems Working Group is requested to be composed of the  
32 following members:  
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- 34 (1) The Director of Business, Economic Development, and  
35 Tourism, or the Director's designee, who is requested  
36 to serve as co-chair of the working group;  
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- 38 (2) The Executive Director of the Applied Research  
39 Laboratory at the University of Hawaii, or the  
40 Executive Director's designee, who is requested to  
41 serve as co-chair of the working group; and  
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- (3) A representative from the Department of Public Safety with a law enforcement background; and

BE IT FURTHER RESOLVED that the Hawaii Unmanned Aircraft Systems Working Group is requested to invite for participation in the working group representatives from:

- (1) National and international UAS organizations and associations, such as the Association for Unmanned Vehicle Systems International and Commercial Drone Alliance;
- (2) National and international standards organizations, such as the Radio Technical Commission on Aeronautics and ASTM International;
- (3) United States Pacific Command and the Hawaii National Guard;
- (4) State and federal law enforcement agencies such as the Federal Bureau of Investigation, Hawaii Fusion Center, and local police departments;
- (5) Public and private safety and security agencies and organizations, such as fire departments, emergency medical services, and private security contractors;
- (6) State and county health, water, natural resources, business, and consumer affairs departments;
- (7) Event organizers for major outdoor events, such as the Lantern Festival, Kona Ironman, and Honolulu Marathon, and organizations using or representing users of extensive outdoor lands, such as the Hawaiian Electric Industries, Inc., Hawaii Farm Bureau, and Hawaii Cattlemen's Association;
- (8) Aeronautics departments and agencies, such as the Federal Aviation Administration, Hawaii Department of Transportation, Aircraft Owners and Pilots Association, and aeronautics training organizations;



- 1           (9) Educational systems, such as the University of Hawaii
- 2           System, Hawaii Pacific University, and secondary
- 3           schools;
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- 5           (10) Other organizations that may be highlighted during
- 6           deliberations;
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- 8           (11) A representative from the Hawaii UAV Service, LLC; and
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- 10          (12) Members of the public; and
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12           BE IT FURTHER RESOLVED that the Hawaii Unmanned Aircraft  
13 Systems Working Group is requested to:

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- 15          (1) Perform a systematic survey of UAS user and potential
- 16          user needs and a similar, but oppositional, systematic
- 17          survey of landowner, regulatory, and enforcement
- 18          needs;
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- 20          (2) Research other states' and jurisdictions' problems,
- 21          issues, and solutions, including legislative
- 22          solutions;
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- 24          (3) Engage with national efforts to establish best
- 25          practices, standards, and rules and regulations in
- 26          order to enhance its fact-finding and ensure needs
- 27          specific to Hawaii are recognized in federal decision-
- 28          making; and
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- 30          (4) Submit an annual report of its findings and
- 31          recommendations, including any proposed legislation,
- 32          to the Legislature no later than twenty days prior to
- 33          the convening of each regular session; and
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35           BE IT FURTHER RESOLVED that the Senate and House of  
36 Representative committees whose scope and purview include  
37 programs related to the penal code, law enforcement, civil  
38 liberties, public safety, higher education, business, economic  
39 development, and technology are requested to provide oversight  
40 and guidance to the Hawaii Unmanned Aircraft Systems Working  
41 Group; and

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1 BE IT FURTHER RESOLVED that certified copies of this  
2 Concurrent Resolution be transmitted to the Director of  
3 Business, Economic Development, and Tourism; Director of Public  
4 Safety; Executive Director of the Applied Research Laboratory;  
5 President of the Senate; and Speaker of the House of  
6 Representatives.

