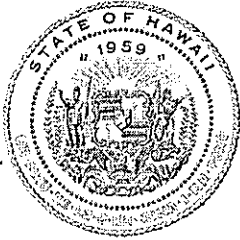


GM 789

**Submitting for consideration and confirmation to the
Hawai'i Aerospace Advisory Committee, Gubernatorial
Nominee, Mark Spence, for a term to expire 6-30-2015.**



**DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM**

NEIL ABERCROMBIE
GOVERNOR

RICHARD C. LIM
DIRECTOR

MARY ALICE EVANS
DEPUTY DIRECTOR

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804
Web site: www.hawaii.gov/dbedt

Telephone: (808) 586-2355
Fax: (808) 586-2377

Statement of
RICHARD C. LIM
Director

Department of Business, Economic Development & Tourism
before the

**SENATE COMMITTEE ON
PUBLIC SAFETY, INTERGOVERNMENTAL, AND MILITARY AFFAIRS**

Thursday, April 11, 2013
2:45 p.m.

State Capitol, Conference Room 224
in consideration of

**GM 789
SUBMITTING FOR CONSIDERATION AND CONFIRMATION TO THE
HAWAII AEROSPACE ADVISORY COMMITTEE, GUBERNATORIAL
NOMINEE, MARK SPENCE, FOR TERM TO EXPIRE 6-30-2015.**

Chair Espero, Vice Chair Baker, and Members of the Committee.

The Department of Business, Economic Development and Tourism **supports** the nomination of Mr. Mark Spence to the Hawaii Aerospace Advisory Committee (HAAC).

Currently serving as flight control and dispatch manager for Hawaiian Airlines in Honolulu, Mr. Spence has over thirty years of experience in the field of aviation, including his responsibilities as dispatch supervisor for Piedmont Airlines and director of the Security Operations Control Centers at Leisure Air, Air South, and PACE Airlines. He is also founder and owner of WxOps Inc. – a Hawaii-based company providing aerospace research and development, logistics consulting, and geophysical mapping services to the commercial aviation industry.

As such, we believe Mr. Spence has the professional skills and experience required to serve on the HAAC and recommend his confirmation to this position.

Thank you for the opportunity to testify on this nomination.



365 Lanternback Island Drive
Satellite Beach, FL 32937-4708

8 April 2013

RE: Testimony in Support of Mark Spence Confirmation
Hawaii Aerospace Advisory Committee

We have been working with Mark Spence in his role as Manager for Dispatch Operations at Hawaiian Airlines since the third quarter of 2009, pioneering new technologies in aviation weather to improve air transport safety and performance. Mark has grasped the significance of our research under the NASA Small Business Innovation Research (SBIR) Program, and has worked with us to adapt our patented technologies to applications supporting Hawaiian Airlines operations over the Pacific Ocean, Continental United States and Europe. He joined us in Washington, DC to address the FAA Chief Aviation Architect for Aviation Safety regarding the NEXTGEN program. Mark joined us in Pasadena, California to address the NASA Earth Science Technology Forum. He joined us again recently in Falls Church, Virginia to address the NASA-DoD Conference on NASA geobrowser applications, where we received accolades for our application of NASA technologies to support aviation operations at Hawaiian Airlines. We have come to rely on Mark for his insights into the needs of the commercial aerospace industry, and he has become recognized by his peers as a thought leader in the emerging area of 4-Dimensional transportation logistics.

This is cutting edge technology. The techniques now deployed at Hawaiian Dispatch have been cited as the best in class by other air carriers, and are being considered for deployment in military, commercial near space operations, and Unmanned Aerial Vehicles (UAV) fleet management. His recent activities will transition Dispatch Operations to mobile platforms including the aviation cockpit later this year. Through Mark's persistent efforts, Hawaii has become recognized as a pioneer in aviation weather.

cn=Scott T Shipley, o=WxAnalyst, Ltd,
ou=Director,
email=sshiple@wxanalyst.com, c=US
2013.04.09 13:30:19 -04'00'

Dr. Scott T. Shipley
Director for WxAnalyst, Ltd.
sshiple@wxanalyst.com

Subject: Senate Hearing - Mark Spence

Testimony on behalf of Mark Spence appointment to the Hawaii Airspace Advisory Committee: for the attention of the honorable Governor Abercrombie.

I have known Mark Spence for just over 20 years, and I have always been impressed with his dedication to aviation and his abilities to use technology to improve safety and efficiency in the National Airspace System. I give him my highest recommendation and I would be most pleased to see his appointment confirmed.

I am attaching my resume in the hopes that it may add some weight to my recommendation!

Respectfully submitted,

Giles O'Keeffe
Principal Subject Matter Expert
Airline Operational Control
Metron Aviation

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MOBILE +1 952 250 4032



April 9, 2013

To: Mr. Mark Spence

Re: Appointment to Hawaii Aerospace Advisory Committee

Mark,

I am delighted that Governor Abercrombie has recommended you for appointment to the Hawaii Aerospace Advisory Committee. I believe his choice fully recognizes the wealth of experience in our complex industry that you possess and can so ably provide to this all important Committee. A successful aerospace infrastructure underpins the economic engine that is absolutely vital to our continuing growth and you certainly have the qualifications needed to keep this vital element of our infrastructure on track.

I know from our shared five years together managing the many challenges associated with making a civil airline successful that you are the right man at the right time to serve on this Advisory Board. You have both the desire and aptitude to help ensure we continue to make Hawaii a great place to visit, and an even more wonderful place to live and work.

Congratulations on your nomination and my best wishes for your continuing success.

A handwritten signature in black ink, appearing to read "Pat Sakole", is written in a cursive style.

Patrick T. Sakole

Director of Safety

Hawaiian Airlines, Inc.

April 10, 2013

TO: The Honorable Will Espero, Chair, Senate Committee on Public Safety

Thursday, April 11, 2013, 2:45 pm

Conference Room 224, State Capitol

FROM: Mila Kaahanui, MSW

President, Filipino Coalition for Solidarity

Re: GM 772: Nomination of Abelina Shaw to the Crime Victim Compensation Commission

Dear Chair Espero and Committee Members:

This letter is to support the Governor's nomination of Abelina M. Shaw to a position on the Crime Victim Compensation Commission.

I have known Ms. Shaw for 20 years or more. We have worked together on many issues of importance to the Filipino community in Hawaii. You know by her resume that she has worked in many community service organizations and has served on the boards and advisory boards of a number of those organizations. I have always found her to be energetic and committed supporter of causes for the good of the Filipino community and Hawaii's society as a whole.

On the basis of her legal and community backgrounds and her exemplary personal traits, I hope you will agree that Ms. Shaw possesses the skills and temperament conducive to fair, impartial review of matters brought before the Crime Victim Compensation Commission.

Thank you for your consideration of these remarks. I ask for your support of Ms. Shaw's nomination and appreciate your support.

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, April 10, 2013 1:48 PM
To: PSMTestimony
Cc: johnbravender@hotmail.com
Subject: Submitted testimony for GM789 on Apr 11, 2013 14:45PM
Attachments: spence_recommendation_letter_signed.pdf

GM789

Submitted on: 4/10/2013

Testimony for PSM on Apr 11, 2013 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
John Bravender	Individual	Support	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

PO BOX 8354
Honolulu, HI 96830
johnbravender@hotmail.com

April 10th, 2013

Senate Committee on Public Safety, Intergovernmental and Military Affairs
Senator Will Espero, Chair
Hawaii State Capitol
Honolulu, HI 96813

RE: GM 789: Nomination of Mark Spence to the Hawaii Aerospace Advisory Committee

Dear Members of the Committee,

It is my pleasure to support the nomination of Mark Spence to the Hawaii Aerospace Advisory Committee.

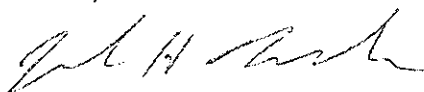
I have known Mr. Spence since 2009, and have collaborated with him in my capacity as aviation program manager at the National Oceanic and Atmospheric Administration (NOAA) National Weather Service (NWS) Weather Forecast Office (WFO) in Honolulu. Our office is one of three Meteorological Watch Offices (MWOs) in the United States, as designated by the World Meteorological Organization (WMO) and the International Civil Aviation Organization (ICAO). Under this MWO designation, we are responsible for Significant Meteorological Information (SIGMETs) for roughly 8 million square miles of the central and western Pacific.

Mr. Spence has helped to improve the two-way exchange of information between WFO Honolulu and Hawaiian Airlines, which has led to improved forecasts and services to the entire aviation community. Specifically, he demonstrated the system he helped to develop for dispatchers which consolidates disparate sources of information into a single display. This demonstration also highlighted areas where the format of our SIGMETs can impact that display, since the text-only warnings must be automatically decoded and plotted. Using the Hawaiian Airlines display as an example of an end use, our webmaster was able to provide a product in Keyhole Markup Language (KML) format that can be directly overlaid on other graphics. We provide these KML-formatted SIGMETs to the public in real time through the aviation section of our website.

When he submitted a proposal to NASA to improve clear air turbulence detection and forecasting, Mr. Spence solicited my feedback and support. Even before the proposal was finalized, I was able to use the information he shared with me to add a new turbulence identification algorithm to our operational computer system. This updated turbulence algorithm had been published in the American Meteorological Society journal *Weather and Forecasting*, but it was the input from Mr. Spence that helped bridge the gap from research into forecast operations.

Mr. Spence's vision, technical expertise, and collaborative skill will make him a valuable member of the Hawaii Aerospace Advisory Committee. Thank you for the opportunity to provide my endorsement to the Committee. This letter contains my personal opinions, and should not be considered an endorsement by NOAA or the NWS. Please contact me if you have any questions.

Sincerely,



John H. Bravender

From: "Vane, Deborah G (8800)" <deborah.g.vane@jpl.nasa.gov>
Sent: Wednesday, April 10, 2013 13:17
To: "mark@systemoperations.com" <mark@systemoperations.com>
Subject: Re: Senate Hearing - Mark Spence

Mark,

I hope this email arrives in time.

I am very happy to support your appointment to the Hawaii Aerospace Advisory Committee, based on my familiarity with the work you are doing using satellite data to support aviation safety applications. Your work is pioneering in the use of active space borne sensors combined with the more traditional passive sensor observations. In my opinion you would be an asset to the Hawaii Aerospace Advisory Committee.

My best wishes for your confirmation.

Deborah Vane

NASA CloudSat Mission Project Manager

From: "mark@systemoperations.com" <mark@systemoperations.com>

Date: Friday, April 5, 2013 5:31 PM

From: mark@systemoperations.com
Sent: Wednesday, April 10, 2013 2:23 PM
To: PSMTestimony
Cc: Sen. Will Espero
Subject: FW: Hawaii Aerospace Advisory Committee

This email is concerning the appointment of Mark Spence to the Hawaii Aerospace Advisory Committee.

I first met Mark in the early 1990's at one of the first meetings of the Airline Dispatchers Federation, a professional organization promoting safety and professionalism among aircraft dispatchers and operations control personnel.

Mark impressed me with his devotion to safety and the development of automation to allow dispatchers to do a better job in a more efficient way. What really struck me was his willingness to share with others the work he had done.

Over the years I have occasionally been in touch with various companies and initiatives that Mark has been a part of. His management has always appeared to support safety, regulatory compliance, efficiency, order and customer expectations. Mark has also participated in numerous industry and government projects, providing knowledgeable input. He has continued to reach out to other interested individuals to obtain input and provide information and explanations.

I believe Mark would be a valuable addition to the Hawaii Aerospace Advisory Committee and endorse his selection.

Norm Joseph
Sector Manager Operations Control.
Delta Air Lines Inc.

Past Chairman, Aviation Rulemaking Advisory Committee
Federal Aviation Administration