

Economic Strategies LLC

Support Testimony on
H.C.R. NO. 123

RELATING TO AEROSPACE DEVELOPMENT

Committee on Economic Revitalization, Business, & Military Affairs
Representative Angus L.K. McKelvey, Chair
Representative Isaac W. Choy, Vice Chair

Thursday, March 11, 2010, 8:30 a.m., Conference Room 312

Economic Strategies LLC, a Hawaii Economic Development Organization (EDO) strongly **supports HCR 123**, recognizing Aerospace as a strategic Hawaii growth industry and requesting the state administration fully support and fund the activities of the Office of Aerospace Development.

Hawaii has a long history of aerospace development that dates back to the 1930's with the original trans-pacific flight development. In the ensuing years Hawaii played a growing role in scientific discovery and pioneering innovation. During this period of growth Hawaii developed key infrastructure and educational programs to support the strategic resources being developed throughout the state, from the Pacific Missile Range Facility on Kauai, advanced surveillance facilities at PACOM, the Air Force Maui Space Observatory and Super Computer Facility, to the training facilities for space exploration (PISCES) and the telescopes on Mauna Kea.

Last year the Thirty Meter Telescope (TMT) Committee selected Mauna Kea as the future home to the TMT, the largest telescope scheduled to be built anywhere in the world. It will join the current galactic explorers on the mountain as the crown jewel of Hawaii's astrophysical exploration community. All of these Hawaii assets deserve the support and funding to keep them competitive and an active Office of Aerospace Development staffed and funded to aid in sector growth.

Hawaii has all the major private sector members of the aerospace community working throughout the state and can leverage that relationship to assist in growing the industry to create a brighter future for Hawaii, create good paying local jobs and provide a new education path for STEM curriculum.

Last year a team from **Kalani School** won the state wide '**Real World Design Challenge**,' a national contest sponsored by the FAA, NASA and the private sector to design a next generation wing to improve fuel economy. The same team went on to win the national championship.

With congress and NASA opening up the first 100 miles of space for commercialization, Hawaii can strengthen its position in this growth market through support and funding of the efforts to develop this sector, to expand STEM education throughout the state and to secure space port license authorization for Honolulu International Airport, Kalaheo Airport, and Kona Airport, plus support for the Pisces and UH space initiatives.

Why now? NASA rolled out America's new vision for space exploration in 2006, and our current President set policy this year to expand the role of the private sector in the development of next generation space activities. Hawaii has many assets/resources/capabilities/advantages that can positively respond to this effort.

Hawaii's strategic mid-Pacific location and long-standing ties with Asia-Pacific nations, makes the islands an ideal site to support collaborative international science, education and economic development initiatives (e.g., conferences/symposia, research, astronaut training, advanced optics and robotics testing and evaluation)

Getting recognition and support for the aerospace industry in Hawaii and providing for the staffing and funding of the Office of Aerospace Development is the first step towards a future linking Hawaii to any part of the world wide space exploration and space tourism industry.

Failure to act on this now could mean Hawaii will not be on the aerospace map at all. The timing is right for these activities so Economic Strategies strongly **supports HCR 123**.



John Strom

Chief Technology Officer



Economic Strategies LLC

Member: International Economic Development Council

Phone (808) 739-6181, P.O. Box 161120, Honolulu, HI 96816

PACIFIC AVIATION MUSEUM PEARL HARBOR

FORD ISLAND, HAWAII

March 16, 2010

Subject: **Support of HCR 123 relating to Aerospace**

Thank you for this opportunity to appear before you and to provide testimony in strong support of HCR123 advocating aerospace as a strategic and timely growth industry for the State of Hawaii.

I represent the Pacific Aviation Museum Pearl Harbor, a 501 (c) non-profit organization. Our mission is to develop and operate an aviation museum on Ford Island which (1) educates young and old alike, (2) builds technical skills in our schools, (3) honors aviation history, (4) preserves aviation-related artifacts, and (5) attracts new industry. Parallel to our mission is that of the Hawaii Aerospace Program.

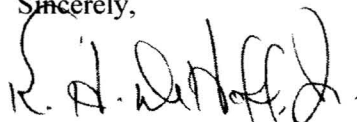
In order to educate Hawaii's students for futures in science and technology and build required skills in our schools, the Pacific Aviation Museum Pearl Harbor reaches out to Title 1 school programs, youth and adult education programs, Boy and Girl Scout programs, lectures, free admission to military in uniform and ongoing programs with other community organizations. The museum's core education program consists primarily of elementary and middle school field trips with an emphasis in science, math, and history. The museum has seen continuous growth in the number of students participating in its educational programs since opening to the public in 2006.

The museum is a member of the Pearl Harbor Historic Partnership sites which includes the World War II Valor in the Pacific Monument (USS Arizona Memorial), USS Bowfin Submarine Museum and Park, Battleship Missouri Memorial and Pacific Aviation Museum Pearl Harbor. Working together, this organization can expand the visitor experience to Pearl Harbor and Hawaii; and increase the visibility and synergy for all four historic sites. We diligently look for new ways to broaden our community participation as well as support.

Last year we worked with the Hawaii Department of Economic Development to conduct the first Hawaii Aerospace Week. It was, by any measure, a success. We support this as an ongoing program and will continue to participate as a sponsor and contributor.

There has never been a more compelling time to share aviation and to attract the aerospace industry to Hawaii. Please support HCR123.

Sincerely,



Kenneth H. DeHoff, Jr.
Executive Director

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LATE TESTIMONY

LTC(R) Jerry L. Cornell
P.O. Box 56
Puunene, HI 96784

March 8, 2010

Dear Esteemed Members of the State of Hawaii Twenty-Fifth Legislature,

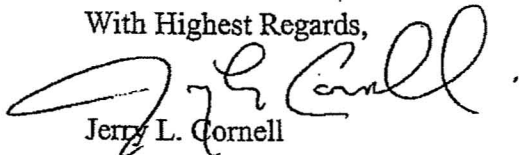
It is my deepest obligation to Hawaii, our country, the aerospace industry and the future scientist and engineers working in the technology sector of our great state, that I write this testimony. I strongly urge each of you to consider the opportunities and possibilities that will be made available to the people and the future of Hawaii with the passing of SCR100 and HCR123 thus allowing the growth and development of the aerospace industry in Hawaii.

As a retired Army Aviator and the Site Executive for the State of Hawaii for the Boeing Company, I am compelled to share my personal and professional optimism of a thriving Hawaii aerospace industry. Such a sector will provide high tech jobs, a basis of need and interest in the physical sciences within the classrooms of our island schools and a major role as an international leader of technological achievement and advancement of the sciences within the world's aerospace community.

Situated in the center of the broad ocean area of the Pacific and the highly desired proximity to the Earth's equator, Hawaii is the perfect geographic location to host numerous permanent aerospace programs. Programs that will exist in perfect harmony with the core values of our people and our land; programs in aerospace operations, test & evaluation, research & development, astronomy, exploration, oceanography, medical research and many more. To our island neighbors throughout the Pacific Rim from which our people originated, the passing these resolutions can mean a breakthrough or an avenue of approach to allow entry into the tech sector for their students and their economy.

I call upon each of you to consider the opportunities and benefits that the passing of SCR100 and HCR123 will bring to the people and to the future of Hawaii. My deepest mahalo to each of you for your leadership and allowing me this opportunity to share my testimony in support of this legislation.

With Highest Regards,



Jerry L. Cornell

LATE TESTIMONY

March 16, 2010

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Sincerely,

Kenneth H. DeHoff, Jr.
Executive Director

From: EBMtestimony
Subject: FW: Testimony for HCR123 on 3/11/2010 8:30:00 AM

LATE TESTIMONY

-----Original Message-----

From: mailinglist@capitol.hawaii.gov [mailto:mailinglist@capitol.hawaii.gov]
Sent: Wednesday, March 10, 2010 10:51 PM
To: EBMtestimony
Cc: jrand@hawaii.edu
Subject: Testimony for HCR123 on 3/11/2010 8:30:00 AM

Testimony for EBM 3/11/2010 8:30:00 AM HCR123

Conference room: 312
Testifier position: support
Testifier will be present: No
Submitted by: John D. Rand, PhD
Organization: STEM, Kapiolani Community College
Address: 4303 Diamond Head Road Honolulu, HI
Phone: 734-9433
E-mail: jrand@hawaii.edu
Submitted on: 3/10/2010

Comments: