

House District 30

Senate District 16

THE TWENTY-SEVENTH LEGISLATURE
APPLICATION FOR GRANTS AND SUBSIDIES
CHAPTER 42F, HAWAII REVISED STATUTES

Log No:

For Legislature's Use Only

Type of Grant or Subsidy Request:

GRANT REQUEST – OPERATING

GRANT REQUEST – CAPITAL

SUBSIDY REQUEST

"Grant" means an award of state funds by the legislature, by an appropriation to a specified recipient, to support the activities of the recipient and permit the community to benefit from those activities.

"Subsidy" means an award of state funds by the legislature, by an appropriation to a recipient specified in the appropriation, to reduce the costs incurred by the organization or individual in providing a service available to some or all members of the public.

"Recipient" means any organization or person receiving a grant or subsidy.

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN):

STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN):

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual: Pacific Aviation Museum Pearl Harbor

Dbas: Pacific Aviation Museum Pearl Harbor

Street Address: 319 Lexington Boulevard, Historic Ford Island

Mailing Address: 319 Lexington Boulevard, Honolulu, Hawaii 96818

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name KENNETH H. DEHOFF, JR.

Title Executive Director

Phone # 808-441-1017

Fax # 808-441-1019

e-mail Director@PacificAviationMuseum.org

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION
- FOR PROFIT CORPORATION
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

PACIFIC AVIATION MUSEUM PEARL HARBOR EDUCATION PROGRAMS

4. FEDERAL TAX ID #:

5. STATE TAX ID #:

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2015: \$ 300,000

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

- NEW SERVICE (PRESENTLY DOES NOT EXIST)
- EXISTING SERVICE (PRESENTLY IN OPERATION)

SPECIFY THE AMOUNT BY SOURCES OF FUNDS AVAILABLE AT THE TIME OF THIS REQUEST:

STATE \$ _____

FEDERAL \$ _____

COUNTY \$ _____

PRIVATE/OTHER \$ 5,000


KENNETH H. DEHOFF, JR., EXECUTIVE DIRECTOR
NAME & TITLE

1/30/2014
DATE SIGNED

Application for Grants and Subsidies

If any item is not applicable to the request, the applicant should enter "not applicable".

I. Background and Summary

This section shall clearly and concisely summarize and highlight the contents of the request in such a way as to provide the State Legislature with a broad understanding of the request. Include the following:

1. A brief description of the applicant's background;

Pacific Aviation Museum Pearl Harbor is an IRS 501(c)(3) tax-exempt nonprofit organization formed in 1999 for the sole purpose of establishing an aviation museum and education center on Ford Island using historic structures that survived the December 7, 1941 attack on Pearl Harbor. The museum presents exhibits and programs that challenge the visitor to remember and understand the importance and fragility of peace, the sacrifices made during World War II and beyond. Along with the USS *Arizona* Memorial, the Battleship *Missouri* Memorial, and the USS *Bowfin*, our aviation museum completes the Pearl Harbor Historic Sites, a major tourist destination for the state of Hawaii. Our internationally recognized Museum welcomed over 1,100,000 visitors from all over the world in less than 7 years since opening in December 2006. Historians, veterans, aviation enthusiasts, school and tour groups describe the Museum as a "must-see destination." TripAdvisor, among the world's largest travel sites, ranks the Museum as one of the top ten aviation museums in America.

The Hawaii State Legislature recognized the Museum thrice since 2010, once as part of the Pearl Harbor Historic Sites "for sharing its knowledge about one of our nation's most historic times and commemorating the brave men and women who fought for the freedom of our nation," and a second time, as the "Hawaii State Museum of Aerospace History" and a third time, congratulating the Museum on welcoming its 1,000,000th visitor milestone. At Hangar 79, bullet holes from the 1941 Pearl Harbor attack remain intact to this day in the windows.

The *mission* of Pacific Aviation Museum Pearl Harbor is to *develop and maintain an internationally recognized aviation museum on Ford Island that educates young and old alike, honors aviators and their support personnel who defended freedom in the Pacific Region and to preserve Pacific aviation history.* The story of Hawaii's role in WWII is one that must be told – it is a story that helps young people understand and appreciate the people who came before them. Pearl Harbor awakened the nation, ignited our commitment to defend freedom and launched the

values and character that formed the “greatest generation.” Educating visitors of all ages by sharing history is one part of our education mission.

We are also a premier learning environment. Programs for school groups and individuals explore science, technology, engineering, and math (STEM). Proficiency in these subjects will be vital to their future; it is in these sectors that the greatest career and job opportunities exist. Aviation is a dynamic teaching tool, increasing student interest in and enthusiasm for the STEM fields. The Museum experience immerses young learners, especially participants from underserved areas, in programs that can change their lives. Our programs serve public and private schools, Boys Scout groups, and other youth serving organizations in Hawaii. Additionally, school groups from the mainland U.S., Singapore, Japan, China, New Zealand, and Australia have visited our Museum and participated in educational opportunities.

Connecting the momentous experiences of the past with the future will help the next generation of youth embrace aviation-related sciences and discover significance in our historic legacy. To meet the evolving needs of our community and our state, we provide programs and exhibits that honor the past while inspiring our participants to imagine a future of innovation and opportunity.

Pacific Aviation Museum's Education Department

The Education Department offers challenging, engaging, and relevant learning experiences related to the history, science, and technology of aviation and aerospace. We provide non-formal educational opportunities for K-12 students that complement state and national learning standards, and emphasize core skills such as critical thinking, creativity, and collaboration. Students explore, experience, imagine, and appropriately apply what they've learned for both intellectual and social development.

Our K-12 programs include:

- In-Museum Field Trips integrate history and STEM content through hands-on, age appropriate lessons. All school groups tour our historic hangars, where they can learn about legendary heroes and the pioneers of aviation. They “fly” in our flight lab and learn how aviation has changed Hawaii and the Pacific region. STEM-related activities round out the student experience. Participating teachers give enthusiastic support for the educational value of these programs: “My students loved the hands-on aviation map activity and the experiments. The kids were really engaged and could focus on what was presented.”
- The Barnstorming Tour travels to individual schools, presenting the physics of flight and a brief history of aviation to classrooms of 6th graders. Basic scientific precepts, such as Newton's Third Law of Motion and Bernoulli's Principle, come alive in an engaging and stimulating classroom lesson aligned with the Hawaii Content and Performance Standards. The uniquely designed

program includes a remote control WWII aircraft flight demonstrator and a portable wind tunnel, which approximates the one used by the Wright Brothers. Since its launch in 2008, the Barnstorming Tour has reached over 10,000 students across Oahu. Teachers and students enthusiastically endorse this program. “The Barnstorming Tour got the students excited about aviation and science in general. Well organized and so much fun – the students soak it up without even knowing they are learning!” This program is provided **on-site at no cost to the schools**, and is particularly significant for schools located in low-income areas that lack the funds to bring their students to the Museum.

- Flight School day and overnight camps immerse 6th -10th grade students in a wide array of engaging and authentic STEM activities. These camps are offered as single-sex and co-ed programs, which provide opportunities to accommodate specific learning preferences and align with best practices in STEM instruction. Students are introduced to the basics of flight, get up close and personal with our aircraft, and listen to some sage advice from aviation professionals. They fly remote control planes on our flight line, and finish their journey with a winging ceremony. We partner with the Missouri Battleship Memorial to provide berthing accommodations on the ship for our overnight programs. Graduates of these programs call them amazing and empowering. One student reports, “It’s the most fun I’ve ever had learning the principles of flight and science. I’m interested in aviation flying now as a career, something I’d never even thought of before. And I made great new friends from other schools.”
- Public Outreach day programs spotlight the unique assets of the Museum, and are created specifically to inform and inspire students and families. “Living History Day,” “Open Cockpit Day,” and “Discover Your Future in Aviation” events offer multiple opportunities for young people and their families to experience hands-on workshops and interactive science exhibits, and meet costumed interpreters sharing the stories of Amelia Earhart, Rosie the Riveter, a Zero pilot, and other historic characters.
- Boy and Girl Scout programs provide significant and varied experiences for social and intellectual development, as well as civic engagement. Throughout the year, Boy and Girl Scouts learn about aviation, astronomy, weather, aerospace, and the history of flight through our merit badge programs, historic tours, and special interest events. Scouts participate in hands-on activities that apply STEM principles in exciting ways, and we’re making a difference in the lives of young people.
- GirlSOAR. As an adjunct to our K-12 programs, we’ve recently launched GirlSOAR, a museum-wide initiative to improve access to high-quality STEM activities and experiences for girls throughout Hawaii. GirlSOAR is not a specific program; rather, it is a framework for researching and communicating advancements and best practices in STEM education for girls.

Despite the increasing involvement of women over the past few decades, aviation remains a male-dominated field. The percentage of females among all

licensed pilots remains below 10%, and the percentage of women in aviation-related mechanical and technical fields is even less.

Pacific Aviation Museum wants to help change this reality. The aviation universe is broad and offers diverse opportunities, especially for women who are aware of the training programs and career possibilities. By developing programs that focus on the unique needs of girls in the areas of science, technology, engineering and math, we can introduce them to ideas, real opportunities, and great role models in the aviation field.

Studies reveal that effective informal STEM programs for girls build capacity and confidence, and can inspire an enduring interest in science. For girls from underserved communities, STEM programs may impact their futures even more dramatically. Participation in these types of activities has been linked to higher academic achievement and future academic goals.

We have recently completed an assessment of available resources, both locally and nationally, to create engaging, relevant, and transformational activities for Hawaii's young women. This included a review of best practices in formal and non-formal education that increase female participation in aviation-related programs. Currently, we are in the process of creating several unique programs that draw from museum assets and tap our tremendous network of accomplished women in aviation. Our Flight School for Girls program demonstrates the demand for these activities, and gives evidence that the museum is capable of providing high-quality programs that make a difference for women.

2. The goals and objectives related to the request;

Overarching goal of this request: We wish to expand our capacity to serve greater numbers of students throughout Hawaii with innovative and effective learning opportunities. We believe that students from underserved areas and schools must have access to the same high-quality learning experiences that are available to those from more affluent communities. **Reaching more schools and students in underserved areas is a top priority, not only on Oahu but also on Maui, Hawaii, Kauai, Molokai, Lana'i, Niihau islands. We request \$300,000 to enable us to meet this overall goal.**

Funding assistance will support the following objectives:

Programmatic Objectives

- **In-Museum Field Trips.** We currently schedule 1-2 field trips per week during the academic year. Each field trip group averages between 40 and 50 students.

With grant support, we plan to increase the average number of field trips to 4 per week for 36 weeks, reaching 6,500 students during the grant year.

- The Barnstorming Tour. During the 2012-2013 academic year, we visited 34 schools and served nearly 3900 students on Oahu. This represents approximately 40% of the public schools on the island. With grant support, we plan to increase our Barnstorming outreach to at least 50% of public schools on Oahu, reaching over 45 schools and 4,500 students, and expand our program as possible to include youth from Maui, Hawaii, Kauai, Molokai, Lana'i, Niihau, and Hawaii Island.
- Flight School multi-day programs. During the 2013 calendar year, we provided 8 different camps that enrolled 180 boys and girls from across Hawaii. Thirty middle school girls from Ka'u, Hawaii, participated in a special scholarship supported winter Flight School session. Additionally, forty-one boys and girls from Oahu were given scholarships to the summer program (23% of total enrollment). Donors also provided some funds for transportation costs. With grant funding, we plan to increase the total number of students in Flight School programs by at least 50% to enroll at least 270 students, and provide scholarships and transportation assistance to at least 35% of total enrollment (95 students).
- Public Outreach day programs. During 2013, we averaged 750 guests at each public of the 6 scheduled events. These participants included Hawaii residents, military members and families, and tourists. We plan to increase attendance at these programs by 25%, averaging over 900 visitors at each public outreach event, (5 are planned for 2014) and provide complementary admission and transportation for 75 students from underserved areas across Oahu at each event.

Logistics and Support Objectives

- Enhanced Education Facilities. Currently all educational activities at the museum are conducted in spaces shared with other museum departments. This requires extensive set up and dismantling/storage of all equipment and supplies to support each field trip or outreach program. To achieve the goals stated above, two dedicated classrooms will be designed and equipped to create a positive, enhanced learning environment. We plan to build out two classroom spaces capable of hosting up to 50 students each, fully equipped with the scientific experiment tools designed to enhance and excite students' imaginations with the thrill of aviation. This renovation includes adequate storage space to contain all education material in one location.

3. The public purpose and need to be served;

It is in the interest of the state, community, and nation to ensure that our historic legacy is preserved. The Museum is a historic site – within its hangars, we are

able to showcase to a worldwide audience the prominence that Hawaii played in world history. And, as an educational center, helping students connect the past with the future, we are positioned to use our resources to advance learning for students on Oahu, Maui, Hawaii, Kauai, Molokai, Lana'I, Niihau islands; the Barnstorming Tours Outreach Program enables us to reach underserved communities. Our programs educate and inspire youth, empowering them with knowledge and skills in the STEM fields that will shape their future careers. By lighting a fire to their curiosity and interest at an early age, we help students realize that today's science classes provide the foundation for their future, inspiring real-life applications

The achievements of Americans serving in the Pacific region who turned the tides of history in defense of our country will also be honored and remembered. We feel it is important that every student in Hawaii see the historic Ford Island Control Tower, described as "one of the most visible symbols of Pearl Harbor's war years" ¹ by the Honolulu Star Advertiser. More than 2,400 lives were lost and the U.S. Pacific Fleet was destroyed in one day. Today, Ford Island's concrete structures, hangars, and taxiways still show the bullet holes and bomb craters from the attack. The safe-keeping of these historic structures now rests on the shoulders of those who are committed to the preservation of our nation's history.

4. Describe the target population to be served; and

Between 2007 and 2012, the Museum served more than 52,500 children, students, and scouts (grades K-12) mostly on the island of Oahu. Our goal is to reach greater numbers of students, grades K-12 on Oahu, and to make programs available to schools in Maui, Kauai, Lana'i, Molokai, Niihau and Hawaii Islands. Expansion of our Barnstorming Tours Outreach program can bring our educational impact to underserved communities where schools cannot afford to travel to Ford Island

Using technology to foster innovative ideas is a must in today's media-rich environment. We are committed to employing aspects of the 21st century classroom, employing teaching approaches that are inquiry-driven and collaborative, and that co-create with technology as tools to help students learn, research, communicate, and build.

Describe the geographic coverage.

The Museum serves community and public school needs with research-based, STEM-related programs for children of all ages. With funding assistance, we

¹ Cole, W. (2011, Jul. 22). Historic tower being restored. *Honolulu Star-Advertiser*. Retrieved from http://www.staradvertiser.com/news/20110722_historic_tower_being_restored.html

would like to reach as many Hawaii students K-12 on Oahu, Maui, Hawaii, Kauai, Molokai, Lana'I, Niihau islands.

In addition to the programs for which we seek funding support, school groups, historians, veterans, aviation enthusiasts, and tourists visit the Museum from all over the world, including China, Denmark, Australia, and Indonesia. The geographic coverage is virtually unlimited. Aside from the mainland U.S., our three biggest crowds currently arrive from Japan, Korea, and Australia.

II. Service Summary and Outcomes

The Service Summary shall include a detailed discussion of the applicant's approach to the request. The applicant shall clearly and concisely specify the results, outcomes, and measures of effectiveness from this request. The applicant shall:

1. Describe the scope of work, tasks and responsibilities;

PROGRAMMATIC OBJECTIVES			
PROGRAM	SCOPE OF WORK	TASKS	RESPONSIBILITIES
In-Museum Field Trips	Increase average number of field trips to 4 per week for 36 weeks	Develop 4 new program options that align with specific STEM standards for grades K-12	<u>Education Programs Specialist</u> : Program development and delivery; management of volunteers/instructional support; coordinate with marketing department to design improved communication/promotional plan; execute communication/promotional plan <u>Marketing Director</u> : Design improved marketing campaign for program
		Provide associated classroom materials for teachers to reinforce and extend learning experiences after the Museum visit	
		Create printed materials and web-based information to promote programs more effectively	
		Create communication plan to inform K-12 schools and teachers about field trip programs	

The Barnstorming Tour	Increase Barnstorming Tour outreach to at least 50% of public schools on Oahu, reaching over 45 schools and 4,500 students, and expand our program to Maui, Kauai, and Hawaii Island.	Promote the program more effectively on Oahu to increase participating schools by at least 10%	<p><u>Education Programs Manager:</u> Supervise scheduling and instructional resources; create and execute improved promotional plan; coordinate and deliver Barnstorming program on neighbor islands; assist Marketing Director in targeting schools, particularly in underserved areas and on Neighbor Isles, for increased Barnstorming Tours.</p> <p><u>Marketing Director:</u> Design improved marketing campaign for program</p>
		Identify selected schools and provide Barnstorming sessions on Maui, Hawaii, Kauai, Molokai, Lana'I, Niihau islands as funds are available.	
Flight School	Increase total number of students in Flight School programs by at least 50% to enroll at least 270 students, and provide scholarships and transportation assistance to at least 35% of total enrollment (95 students).	Review and revise curriculum as necessary	<p><u>Education Director:</u> Supervise and approve curriculum revisions; coordinate with marketing department to create improved promotional plan; supervise enrollment and scholarship process</p> <p><u>Education Programs Specialist:</u> Provide consultation and curriculum development assistance</p> <p><u>Education Programs Assistant:</u> Coordinate registration process and provide program logistical support</p> <p><u>Marketing Director:</u> Create promotional materials for Flight School programs</p>
		Create marketing and communication plan to increase awareness of program	
		Identify eligible students and process enrollment for scholarships	

Public Outreach day programs	Increase attendance at these programs by 25% and provide complementary admission and transportation for 75 students from underserved areas across Oahu at each event.	Select dates for public outreach day programs; clear dates on museum calendar and communicate information to internal and external constituents/stakeholders	<u>Education Events</u> Coordinator: Supervise planning activities for each event; collaborate with marketing department to create advertising/promotional campaign <u>Education Programs</u> Assistant: coordinate access and admission for student groups from underserved areas <u>Marketing Director:</u> Create advertising/promotional campaign to communicate event details to wider audience, to include residents, military members, and tourists
		Create activities and exhibits for a variety of ages, focusing on hands-on experiences that are family friendly.	
		Market event to Title I schools and non-profit agencies that serve low-income/underserved families and children; inform groups of scholarship/transportation funding support	
		Select school/student groups to receive funding support. Provide base access, admission, and transportation information for event.	
LOGISTICS AND SUPPORT OBJECTIVES			
Enhanced Educational Facilities	Improve on-site classrooms and storage facilities to enhance STEM and history education in all programs.	Identify necessary spaces and define requirements for renovation.	<u>Education Director:</u> Specify requirements based on goals for all educational programs. <u>Director of Operations:</u> Work with Director of Education to quantify work and procure necessary support. Oversee work to ensure compliance with all safety and quality requirements. Adhere to timeline to ensure spaces are ready to support increased goals of all programs.
		Scope costs and determine what can be accomplished in-house and what must be out-sourced.	
		Develop timeline.	
		Procure material to build out and equip the spaces.	

2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;

PROGRAMMATIC OBJECTIVES		
PROGRAM	TASKS	TIMELINE
In-Museum Field Trips	Develop 4 new program options that align with specific STEM standards for grades K-12	<ul style="list-style-type: none"> • Two new options completed by October 1, 2014 (grades K-2 and 3-5) • Two new options completed by February 1, 2015 (grades 6-8 and 9-12)
	Provide associated classroom materials for teachers to reinforce and extend learning experiences after the Museum visit	<ul style="list-style-type: none"> • Historical supplements for museum tour for grades 3-8 by December 31, 2014 • STEM supplements for grades K-2 and 3-5 by October 1, 2014 • STEM supplements for grades 6-8 and 9-12 by February 1, 2015
	Create printed materials and web-based information to promote programs more effectively	<ul style="list-style-type: none"> • Informational brochure designed and printed by August 1, 2014 • Associated digital media posted on website by August 1, 2014
	Create communication plan to inform K-12 schools and teachers about field trip programs	<ul style="list-style-type: none"> • By June 1, 2014
The Barnstorming Tour	Promote the program more effectively on Oahu to increase participating schools by at least 10%	<ul style="list-style-type: none"> • By November 1, 2014, identify and train additional Barnstorming instructors. Obtain equipment and supplies to support an expanded Barnstorming program. • By December 31, 2014, contact every 6th grade school not currently involved with Barnstorming to inform them about the program. • By the end of the first semester of academic year 2014-2015, conduct Barnstorming on Oahu in at least 10 schools for 1,000 students. • By the end of the second semester of academic year 2014-2015,

		deliver Barnstorming to 3,500 students at 35 schools on Oahu.
	Identify selected schools and provide Barnstorming sessions on Maui, Molokai, Kauai, Hawaii and other islands	<ul style="list-style-type: none"> • By December 31, 2014, conduct Barnstorming at two schools each on Kauai, Maui, and Hawaii Island. • 01 January-30 June 2015: Explore opportunities for expanding Barnstorming at additional schools on Maui, Hawaii, Kauai, Molokai, Lana'I, Niihau islands.
Flight School	Review and revise curriculum as necessary	<ul style="list-style-type: none"> • No later than July 1, 2014
	Create marketing and communication plan to increase awareness of program	<ul style="list-style-type: none"> • No later than July 1, 2014
	Identify eligible students and process enrollment for scholarships	<ul style="list-style-type: none"> • No later than 3 weeks prior to each session
Public Outreach day programs	Select dates for public outreach day programs; clear dates on museum calendar and communicate information to internal and external constituents/stakeholders	<ul style="list-style-type: none"> • 6-9 months prior to event
	Create activities and exhibits for a variety of ages, focusing on hands-on experiences that are family friendly.	<ul style="list-style-type: none"> • No later than 30 days prior to event
	Market event to Title I schools and non-profit agencies that serve low-income/underserved families and children; inform groups of scholarship/transportation funding support	<ul style="list-style-type: none"> • 6 weeks prior to event
	Select school/student groups to receive funding support. Provide base access, admission, and transportation information for event.	<ul style="list-style-type: none"> • 3 weeks prior to event
LOGISTICS AND SUPPORT OBJECTIVES		
Enhanced Educational Facilities	Identify necessary spaces and define requirements for renovation.	<ul style="list-style-type: none"> • No later than July 1, 2014

	Scope costs and determine what can be accomplished in-house and what must be out-sourced.	<ul style="list-style-type: none"> • By August 1, 2014
	Procure material to build out and equip the spaces.	<ul style="list-style-type: none"> • No later than November 1, 2014

3. Describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results; and

The Museum’s Executive Director **Kenneth DeHoff** ensures adherence to the budget and project accountability. Director of Operations **Richard “Scotty” Scott** oversees safety assurance and scheduling of the Museum school tours. Director of Education, **Shauna Tonkin, Ph.D.** is in charge of development, delivery and quality assurance for the Museum’s educational programs.

The scope of work and timeline information outlined in this document will be used to monitor progress throughout the grant period. Existing data collection and reporting procedures offer in-depth and timely information for tracking current programmatic goals. These procedures complement the grant objectives, and provide a reliable method for managing grant-related activities.

Participant feedback is actively collected following each activity to help ensure effectiveness of approach, quality of instructor/speaker, and incorporate relevant feedback. Museums, as non-formal learning environments, seek to motivate, inspire and actively engage students in their own learning. Such attitudinal impact is best reported by educator feedback and by establishing strong repeat use.

4. List the measure(s) of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency). The measure(s) will provide a standard and objective way for the State to assess the program's achievement or accomplishment. Please note that if the level of appropriation differs from the amount included in this application that the measure(s) of effectiveness will need to be updated and transmitted to the expending agency.

Effectiveness will be measured by tracking progress towards goal. Calendar Benchmarks have been projected in the area of program development, participation, out-reach, and engagement levels. These will be actively tracked and used to measure impact and success. Feedback statements and a tracking of repeat participation will also be tracked.

III. Financial

Budget

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.

The applicant is seeking \$300,000 to support the programmatic and participation expansion outlined in the grant. Total budget including facility improvements is \$379,588 as outlined in the budget detail.

Major categories of Expenses are grouped as follows: \$50,000 to build out and equip two educational classrooms in an existing museum facility, along with associated storage space. Educational supplies, totaling \$144,779, are required to support both in-house and outreach programs, including those targeting students underserved students across the state. Airfare of just under \$10,000 is needed to support outreach program visits to Neighbor Isles, along with an additional \$5,400 for rental of vehicles to support these visits. Finally, anticipated growth of all of the educational programs requires additional personnel to plan, prepare and execute classes both in-house and with Barnstorming. This expenditure is estimated at \$144,214 for the period of 01 July 2014 to 30 June 2015.

Detailed budget request is attached.

2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2015.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$75,000	\$75,000	\$75,000	\$75,000	\$300,000

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2015.

To date, we have not sought nor secured funding for this project from other sources for fiscal 2015.

4. The applicant shall provide a listing of all state and federal tax credits it has been granted within the prior three years. Additionally, the applicant shall provide a listing of all state and federal tax credits they have applied for or anticipate applying for pertaining to any capital project, if applicable.

None.

(Budget and Budget Justifications: 4 pgs attached)

(Declaration Statement attached)

5. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2013.

Statement of Financial Position Attached as of December 31, 2013.

IV. Experience and Capability

A. Necessary Skills and Experience

The applicant shall demonstrate that it has the necessary skills, abilities, knowledge of, and experience relating to the request. State your experience and appropriateness for providing the service proposed in this application. The applicant shall also provide a listing of verifiable experience of related projects or contracts for the most recent three years that are pertinent to the request.

The applicant shall demonstrate that it has the necessary skills, abilities, knowledge of, and experience relating to the request. State your experience and appropriateness for providing the service proposed in this application. The applicant shall also provide a listing of verifiable experience of related projects or contracts for the most recent three years that are pertinent to the request.

Pacific Aviation Museum Pearl Harbor opened its doors to the public in December 2006. In less than 7 years, we welcome more than 1,100,000 visitors from all over the world by April 2013. It took the coming together of community leaders, military, business, and national officials to salvage the historic Ford Island Control Tower and the hangars that survived the 1941 Pearl Harbor attack from decay and oblivion. With widespread support, the Museum has not only grown into one of Hawaii's premier tourist destinations, it provides an exceptional educational experience linking history with aviation science and technology and a reason for all Hawaii residents to be proud of our State history.

The Museum Education Department benefits from the leadership of an experienced, professional educator with a PhD in the field. Her knowledge of STEM standards and the impact of informal education procedures equip her with the required skills to develop and execute programming that advances learning, stimulates creative thinking and builds engaging participation.

We are uniquely positioned to draw from our well-established partnerships with the Pearl Harbor Historic Sites, local educational, state, community, cultural, military and business organizations to make our resources accessible to provide further learning opportunities for all generations. Between 2007 and 2012, the Museum served more than 52,500 children, students, and scouts (grades K-12) mostly on the island of Oahu.

The Hawaii State Legislature recognized the Museum three times since 2010, once as part of the Pearl Harbor Historic Sites “for sharing its knowledge about one of our nation’s most historic time and commemorating the brave men and women who fought for the freedom of our nation,” and a second time, as the “Hawaii State Museum of Aerospace History,” and a third time in April 2013, for reaching its 1,000,000th visitor milestone.

B. Facilities

The applicant shall provide a description of its facilities and demonstrate its adequacy in relation to the request. If facilities are not presently available, describe plans to secure facilities. The applicant shall also describe how the facilities meet ADA requirements, as applicable.

Pacific Aviation Museum Pearl Harbor, located on historic Ford Island, was built on hallowed ground to honor the lives lost and the sacrifices made to defend our nation which came under attack in December 1941. It is not just a Museum to preserve history. It is a gathering space serving populations of all ages and nationalities, with over 100,000 sq. ft. of space for gatherings of various sizes, whether it be conferences, meetings, ceremonies, galas, cocktail receptions, or parties.

Hangar 37, a 42,000 sq. ft. former seaplane hangar that survived the December 7, 1941 attack, is the first stop for Museum visitors with world-class exhibits, including a Japanese Zero diorama, an actual B-25B Mitchell similar to one used in the Doolittle Raid in April 1942, and a Stearman N2S-3 in which former President George H.W. Bush soloed. The Hangar provides over 25,000 square feet of gallery space against a backdrop of vintage 1940s décor.

Inside Hangar 37 is the Education Center/ Flight Lab – a 3,500 square foot multi-functional space that houses our education programs and is ideal for meetings, lectures, workshops, and social events. The adjacent Flight Simulator Lab provides a perfect backdrop for team-building or entertainment or simply a break from long meetings and/or conferences.

The multi-functional 200-seat Theater is also part of Hangar 37, with integrated sound, lighting, and projection system, designed for lectures, presentations, meetings, and film showings. There is also a 250 sq. ft. semi-private theater with a video screen and DVD player, for small group presentations of up to 15 people.

Hangar 79 is an 85,000 square foot facility. Planned exhibits will reflect the latter years of WWII and after, with the Battle of Midway and the MiG Alley Korean War Exhibit showcasing the Soviet MiG-15 and the U.S. F-86 Sabre aircraft, as well as many others that played vital roles during the Vietnam War. The huge

hangar, still intact with the bullet holes from the Pearl Harbor attack in 1941, provides 32,000 square feet of event space.

The Ford Island Control Tower complex is the centerpiece of the Museum. The Aerological Tower, for which we are seeking GIA funding, was the control cab prior to and during the Pearl Harbor attack. This is where the first broadcast warning came from on the morning of December 7, 1941 when Pearl Harbor was attacked.

All facilities meet ADA requirements, with the exception of the Control Tower complex which is still under restoration.

V. Personnel: Project Organization and Staffing

A. Proposed Staffing, Staff Qualifications, Supervision and Training

The applicant shall describe the proposed staffing pattern and proposed service capacity appropriate for the viability of the request. The applicant shall provide the qualifications and experience of personnel for the request and shall describe its ability to supervise, train and provide administrative direction relative to the request.

Pacific Aviation Museum Pearl Harbor has 32 full-time and 29 part-time employees and more than 200 dedicated active volunteers, ranging from docent tour guides to aircraft restoration specialists. An enthusiastic 35-member Board of Directors and an Advisory Board of 21 members comprised of senators, highly successful business men and women, along with many distinguished individuals from the United States Air Force, Navy, Marine Corps and Army provide governance, strategic planning, and oversight. Our contacts and partnerships extend across a wide spectrum of community, national, and international relationships that have been forged over the years.

The Museum's Board of Directors is chaired by Admiral Ronald J. Hays, USN (Ret.), who has served as Commander-in-Chief, U.S. Pacific Command. Aside from numerous awards from the governments of the United States, Korea, Japan, Thailand, and the Philippines, Admiral Hays' achievements have been honored by Northwestern State University with a Doctor of Humanities title and as a Distinguished Eagle Scout.

Clinton R. Churchill, Trustee of the Estate of James Campbell and former Commander of the Hawaii Air National Guard, serves as the President of the Museum. Mr. Churchill has more than 45 years of business experience in addition to having chaired six other non-profit organizations.

The Museum is led by Executive Director Kenneth H. DeHoff, Jr., a highly decorated Vietnam combat pilot including Purple Hearts. With more than twenty years of experience in business and technology management, Mr. DeHoff assumed the leadership of the Museum in November 2007.

Director of Operations Richard “Scotty” Scott*, a retired Navy Commander, a Top Gun graduate, and former airline pilot, supervises operations for the Biggest Little Airshow. Mr. Scott has been overseeing the Museum’s day-to-day operations for more than 5 years.

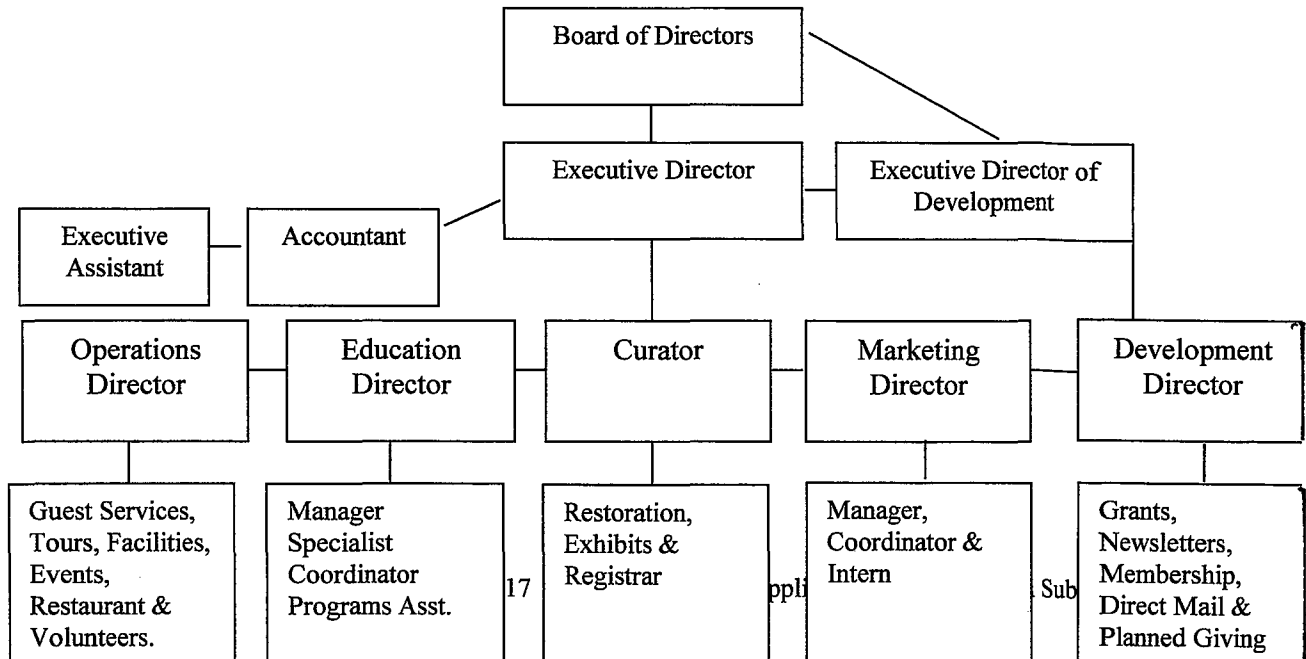
Shauna E. Tonkin, Ph.D., leads the Museum’s Education Department. Dr. Tonkin’s expertise in educational planning, policy, program development, and instruction enhances the cultural learning experience for the program participants. Dr. Tonkin has worked as a classroom teacher in public, private, and international schools, and developed and taught leadership programs for teens and young adults. She spent 15 years in higher education, serving as an academic dean, leadership coach, faculty member, curriculum developer and program director.

Dell Epperson, CAPT, USN (Ret), Education Programs Manager
 Julie Turk, Education Programs Specialist
 April Emerson, Education Events Coordinator/Consultant
 Consuela Rodriguez, Education Programs Assistant
 Anne Murata, Marketing Director

B. Organization Chart

The applicant shall illustrate the position of each staff and line of responsibility/supervision. If the request is part of a large, multi-purpose organization, include an organizational chart that illustrates the placement of this request.

Pacific Aviation Museum Pearl Harbor Organization Chart



C. Compensation

The applicant shall provide the annual salaries paid by the applicant to the three highest paid officers, directors, or employees of the organization by position.

Executive Director: \$110,000

Regional Campaign Director: \$101,500

Marketing Director: \$77,000

VI. Other

A. Litigation

The applicant shall disclose any pending litigation to which they are a party, including the disclosure of any outstanding judgement. If applicable, please explain.

Pacific Aviation Museum Pearl Harbor has no pending litigation or outstanding judgments.

B. Licensure or Accreditation

The applicant shall specify any special qualifications, including but not limited to licensure or accreditation that applicant possesses relevant to this request.

Pacific Aviation Museum Pearl Harbor completes the Pearl Harbor Historic Sites along with the USS Arizona Memorial, the Battleship Missouri Memorial, and the USS Bowfin. In June 2012, our Museum was also recognized as a Smithsonian affiliate, as one of 179 partners within the family of the world's largest museum and research complex.

BUDGET REQUEST BY SOURCE OF FUNDS
(Period: July 1, 2014 to June 30, 2015)

Applicant: Pacific Aviation Museum Pearl Harbor Education Programs

BUDGET CATEGORIES	Total State Funds Requested (a)	(b)	(c)	(d)
A. PERSONNEL COST				
1. Salaries	144,214			
2. Payroll Taxes & Assessments				
3. Fringe Benefits				
TOTAL PERSONNEL COST	144,214			
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island	9,195			
2. Insurance				
3. Lease/Rental of Equipment	5,400			
4. Lease/Rental of Space				
5. Staff Training				
6. Supplies	114,779			
7. Telecommunication				
8. Utilities				
9 Renovation of education spaces	50,000			
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
TOTAL OTHER CURRENT EXPENSES	179,374			
C. EQUIPMENT PURCHASES	21,000			
D. MOTOR VEHICLE PURCHASES	35,000			
E. CAPITAL				
TOTAL (A+B+C+D+E)	379,588			
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	300,000	Shauna E. Tonkin, Ph.D. 808-441-1005		
(b)		Name (Please type or print) Phone		
(c)		[Redacted Signature] January 30, 2014		
(d)		Signature of Authorized Official Date		
TOTAL BUDGET	300,000	Kenneth H. DeHoff, Jr., Executive Director Name and Title (Please type or print)		

BUDGET JUSTIFICATION PERSONNEL - SALARIES AND WAGES

Applicant: Pacific Aviation Museum Pearl Harbor Education Programs

Period: July 1, 2014 to June 30, 2015

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Education Programs Manager	1	\$50,000.00	80.00%	\$ 40,000.00
Education Programs Assistant	1	\$45,000.00	100.00%	\$ 45,000.00
Scouting Programs Coordinator	0.25	\$12,500.00	100.00%	\$ 12,500.00
P/T On-Site Schools Program Assistant	0.25	\$1,350.00	100.00%	\$ 1,350.00
P/T Flight School Assistants	0.25	\$12,600.00	100.00%	\$ 12,600.00
P/T China Aviation Adventure Assistants	0.25	\$4,704.00	100.00%	\$ 4,704.00
P/T Barnstorming on Maui Assistants	0.25	\$19,800.00	100.00%	\$ 19,800.00
P/T Special Events Assistants	0.25	\$8,260.00	100.00%	\$ 8,260.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL:				144,214.00
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Applicant: Pacific Aviation Museum Pearl Harbor Education Programs

Period: July 1, 2014 to June 30, 2015

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
Flight simulator	2.00	\$6,000.00	\$ 12,000.00	
Portable wind tunnel	2	\$3,000.00	\$ 6,000.00	
Computer and peripherals	2	\$1,000.00	\$ 2,000.00	
Audio-visual equipment	2	\$500.00	\$ 1,000.00	
			\$ -	
TOTAL:	8		\$ 21,000.00	
JUSTIFICATION/COMMENTS:				

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
cargo van on Oahu	1.00	\$35,000.00	\$ 35,000.00	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:	1		\$ 35,000.00	
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION CAPITAL PROJECT DETAILS

Applicant: Pacific Aviation Museum Pearl Harbor Education Programs

Period: July 1, 2014 to June 30, 2015

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2012-2013	FY: 2013-2014	FY:2014-2015	FY:2014-2015	FY:2015-2016	FY:2016-2017
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION			50000			
EQUIPMENT						
TOTAL:			50,000			
JUSTIFICATION/COMMENTS: Construct two classrooms, computer lab and supporting office spaces to support education programs						

**DECLARATION STATEMENT OF
APPLICANTS FOR GRANTS AND SUBSIDIES PURSUANT TO
CHAPTER 42F, HAWAI'I REVISED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants and subsidies pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant or subsidy is awarded;
 - b) Complies with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
 - c) Agrees not to use state funds for entertainment or lobbying activities; and
 - d) Allows the state agency to which funds for the grant or subsidy were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant or subsidy.
- 2) The applicant meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant or subsidy is awarded shall be conducted or provided.
- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

Pursuant to Section 42F-103, Hawai'i Revised Statutes, for grants or subsidies used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant or subsidy was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant or subsidy used for the acquisition of the land.

Further, the undersigned authorized representative certifies that this statement is true and correct to the best of the applicant's knowledge.

Pacific Aviation Museum Pearl Harbor



1/30/2014
(Date)

Kenneth H. DeHoff, Jr.
(Typed Name)

Executive Director
(Title)