

NOTAM

NOTICE TO AIRMEN

PACIFIC AVIATION MUSEUM PEARL HARBOR · FORD ISLAND, HI



IN THIS ISSUE

Anniversary Dinner 2015
For love of country, pass it on

The Jimmy Doolittle Story
Bob LeMon's role in
the famous raid



FOR **LOVE** OF



COUNTRY

Pass It On



EXECUTIVE DIRECTOR REPORT



Ken DeHoff
Executive Director of Operations

Fast and furious would appropriately describe our summer. It came and went very with much excitement as did the many tropic storms we had in the islands. It brought success with projects, programs, events and record visitors.

Our Education Summer Programs brought many children to the museum for Flight Schools and Aviation Adventures. They learned about history, airplanes, aviation and life on Ford Island with temperatures in the 90s. Graduation ceremonies allowed parents to experience some of the enthusiasm their children experienced every day. Our Education team has expanded with new members getting ready for our fall programs made possible by a State of Hawaii Grant in Aid.

Ted Shealy Restoration Shop made progress painting the primer on the Douglas C-47 Sky Train and adding to the Boeing B-17 Swamp Ghost, making them ready for new tours. Working with Boy Scouts we took on a project cleaning up our newly donated Consolidated L-13. And then made special preparation for five Vietnam era aircraft for the Welcome Home display during Biggest Little Airshow.

The Biggest Little Airshow once again was a treat. We had five professional pilots flying these small light weight airplanes and helicopters with such powerful engines, doing fantastic maneuvers. They thrilled the crowd over and over again. Thanks again to Frank Tiano and his team for putting on a magnificent show, as well as the local flying clubs.

We dedicated the airshow to Vietnam veterans and had a very special chalet set on the flight line for them, staffed with current military service men and women. For those that came, they felt the Welcome Home spirit and a special treatment not received 40 years when they came home.

We start the fall with a lot excitement for activities already on our calendar, a dedicated staff and an enthusiastic volunteer corps ready to provide the best experience for visitors, students, guests on America's Aviation Battlefield.

Mahalo,

Ken DeHoff



By Shauna Tonkin Ph.D
Director of Education

EDUCATION

The Education Department continues to grow, delighting students, families, teachers, and guests from across the world. Field Trip activities, the Barnstorming Tour, and multi-day programs provide exciting opportunities for kids to learn about the history of Pearl Harbor and aviation in the Pacific, as well as explore the science, technology, engineering, and math (STEM) principles of flight.

We've just finished a busy and very successful summer at the Museum. We added Explorers Club this year, which is a multi-day learning experience for 3rd–5th graders. Along with Flight School and Aviation Adventure, these programs make a lasting impression on participants. Recently, we asked parents to comment on the value of the programs in their children's lives. Here's what they told us:

- Aviation Adventure was a once-in-a-lifetime opportunity for our daughter.
- My child wants to volunteer during the year, and wants to do the program all over again!
- Flight School has inspired my son to pursue a pilot's license.
- We especially like the different opportunities and ways to learn presented throughout the program.
- Flight School was a lot of fun. My son told me everything he learned each day, and I didn't even have to ask!

We have a special focus on increasing access to high-quality, engaging STEM instruction for students across Hawaii. Nearly 40% of students in our coed programs were girls, and 27 young people from underserved communities received scholarships this summer, so we know we're making progress toward our goal. We can't do this without your help, though. Your generous financial support for the education programs ensures that all students will be able to experience the joy of learning at our unique site, discover the wonders of flight, and imagine themselves as part of the magnificent world of aviation.



Flight School for Boys



Open Cockpit Day



Flight School for Girls



RESTORATION



The “Hangar Owls” — staff and volunteer crew — of Lt. Ted Shealy’s Restoration Shop continue their work on the **Douglas NTA-3B Skywarrior**. Throughout its service, the Skywarrior was the heaviest carrier-based aircraft, thus earning the nickname “the Whale.” It was launched by catapult or JATO thrust bottles, but landing on a carrier is tricky and the Skywarrior had no ejection seats. “A3D” soon stood for All 3 Dead.

Our A3B was a bomber and navigator trainer until 1968, when it went to Hughes and Raytheon, received a bigger nose cone for conducting radar and avionics testing for the Grumman F-14 and the B-2A Spirit Stealth Bomber, and continued to serve the Navy from the air. The restoration work is moving closer to getting it back to “factory” configuration.

The uniqueness of this aircraft is that there were only 30 Skywarriors built; it is an honor to have it in our collection, and its restoration is a tribute to all aircraft built in the 1960s. Once the restoration work is completed, our Skywarrior will be painted in its Navy gray.

Restoration of the **Douglas C-47 Skytrain** and replacement of the “astrodome” is nearly complete. This plane was a military transport aircraft developed from the civilian Douglas DC-3 airliner. It was used extensively by the Allies during World War II, and remains in front-line service with various military operators to the present day. Once the restoration work has been completed, it will receive a fresh coat of paint.

The **Boeing B-17E Flying Fortress “Swamp Ghost”** will have all of its stands completed soon for both right and left flaps and ailerons. Then, we will start work on the elevator and rudder. The restoration work required to return the Swamp Ghost to its original state would be far too extensive. This aircraft’s tragic end resulted when six B-17s took off for their target and were separated by storms en route. This B-17E, piloted by Fred Eaton, eventually arrived over the target — Japanese ships in the harbor at Rabaul — but the bomb bay doors stuck on the first run. As Eaton came around again, anti-aircraft fire punctured the wing fuel tank. Japanese A6M “Zero” and A5M “Claude” fighters swarmed the bomber; after a half-hour running battle, the frustrated fighters gave up. Eaton was running for Port Moresby, on the other side of New Guinea. But, with mountains ahead and the B-17’s fuel tanks nearly empty, he knew he’d have to put the crippled bomber down. He brought the B-17 down on what he mistakenly thought was a flat, green field in the jungle. The Flying Fortress splashed into Agaiambo Swamp, settling into five feet of water and thick grass, and there it lay for more than a half-century. Australian Army pilots who glimpsed it from overhead dubbed it the “Swamp Ghost.”

The restoration shop is always looking for volunteers to join their “Hangar Owls” team. If you are interested, please contact our Volunteer Coordinator, Lori Warnock, at 808-445-9189. If you stop by the hangar, you may ask for Restoration Manager Randy Gratz.



EARHART CRASH

The historic airfield on Ford Island is also the location of Amelia Earhart’s most notorious crash. By triangulating photographs of the incident, we have determined that the exact spot is straight out from the Museum’s heart in Hangar 37.

After flying from Oakland on March 17, 1937, Earhart, with Army support on Ford Island, readied her Lockheed Electra for the 1,900 mile hop to Howland Island, near the equator.

The rising sun began to illuminate the clearing sky at about 5:30 a.m. on March 20. Earhart taxied to the Aiea end of the runway. Army volunteers from the Hawaii Air Depot, holding flashlights, defined the edges of the runway.

Continued on page 14...

Earhart shows off her brand new Lockheed Electra

2014 ANNUAL REPORT

Dear Members and Supporters,

As we enter our celebratory tenth year of operation, our museum, our impact, and our assets continue to grow. Along with all the partners of the Valor in the Pacific National Park, we weathered many challenges during 2014. We are pleased to report that quick and focused decisions, dedicated staff, volunteer leadership, and support from members and donors helped us work through the issues.

Though a challenging year, there were many successes to celebrate. The introduction of the audio tour provides visitors with a much more robust experience. Available in seven languages, the audio tour provides in depth stories about the people and the hardware that are part of our Pacific aviation history. Our focus and our commitment remains very clear; we continue to strive to be an effective steward of our treasured national historic landmark site and to use our assets to educate, promote understanding, and inspire all who visit.

Most importantly, we acknowledge and thank those who make our work possible...our staff, donors, military partners, and volunteers. A major part of our "giving community" can be found in the dedicated leadership and support of our Board of Directors, our trusted advisors, and a newly formed National Leadership Committee to help us build nationwide awareness and support for our mission.

Capital accomplishments in 2014 were made possible by grants from the Freeman Foundation of Hawaii and the State of Hawaii to restore the Aerological tower. It was from this tower that the first warnings of the December 7, 1941 attack were sounded. We continue to fundraise and plan for the repair of the control tower elevator and the build out of the historic Operations Building of the Control Tower, developing a library and archive.

We relish the challenge and feel confident we will achieve.

Thank you for your continued support. I look forward to an opportunity to meet you personally.

All the best, and from Pearl Harbor,
Mahalo nui loa,



R. J. "Zap" Zlatoper
Admiral, USN (Ret.)
Chairman of Board of Directors

Dear Members and Supporters,

Pacific Aviation Museum Pearl Harbor encountered air pockets in 2014, making a superb landing by year end with excellent support from our Board members, professional staff, and reliable volunteers.

2014 began with hopes for continued growth. By February, a glitch in our partner's computer program triggered a steep downturn in visitors. Strategic teamwork resolved the problem, returning us to stable course.

Our Education programs reached more youth, and special events stepped up community outreach. Partnerships with the Smithsonian Institution, the Pearl Harbor Historic Sites, and local schools helped delivery of innovative learning experiences.

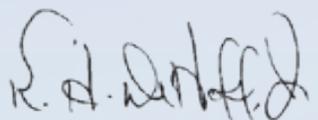
Come autumn, the Misty F-100 dedication reunited the top secret squadron, "Misty" pilots of 1960s/70s Vietnam; a retirement salute for the Hawaii Marines' Boeing Vertol CH-46 Sea Knight; and the 50th Anniversary of the Vietnam War Commemoration "welcomed home" our veterans.

Our Ted Shealy Restoration Shop hummed with new staff and projects: the North American F-100F Super Sabre finished in time for the Misty Reunion; the Bell AH-1 Huey Cobra acquired a new look; the Douglas C-47 Skytrain's engines restored; and the Boeing B-17E Swamp Ghost stabilized for display. The F-4C Phantom II joined our collection.

Our 8th Anniversary Gala was remarkable, honoring Chairman Emeritus ADM Ronald Hays for his contributions. The 650 guests included Captain Chesley Sullenberger of the "Miracle on the Hudson" flight and WWII Triple Ace pilot, Colonel Clarence "Bud" Anderson.

We look forward with anticipation to the impact our changes will bring in 2015!

Mahalo,



Ken DeHoff
Executive Director of Operations

EDUCATION

The Museum's historic location and unique collection provide a meaningful backdrop for a wide variety of learning experiences that feature timeless stories of aviation heroes and pioneers, and the science and technology of flight. Our education programs expanded during 2014 to serve greater numbers of youth and adults through school programs, special events, and public programming.

School-aged students explored history and STEM (science, technology, engineering, and mathematics) concepts through field trips, multi-day programs, outreach programs, and Scout merit badge classes. Families participated in public programs, such as Discover Your Future in Aviation, Open Cockpit Day, and Living History Day. Hangar Talks and other special events were offered for adults who want to learn more about WWII in the Pacific and aviation history.

Highlights for the year included: a Hangar Talk by Christina Olds, who shared stories about her legendary father, American Fighter Ace, BGEN Robin Olds; the movie premiere of "Under the Blood Red Sun," based on the best-selling book about a Japanese-American family in the aftermath of December 7, 1941; and a documentary theater performance of "With Their Voices Raised," presented by teen actors from the T-Shirt Theater (Honolulu).

More than 20,000 students were engaged through our diverse array of education programs, as outlined below:

Field Trips to Museum: 4,871 students – 91 schools

Barnstorming Outreach to Schools: 3,440 students – 38 schools

Scout Programs: 519 Scouts

Multi-Day Programs: 207 students

Special Events/Youth Visitors: 14,930 students



Additionally, the following aspects of our programming highlight our increasing impact within the community:

- 19% of Field Trip groups and 37% of Barnstorming groups came from Title I schools.
- Half of all Field Trip and Barnstorming participants were female.
- 39% of participants in multi-day programs were female, and 46% of them received scholarships based on economic need.
- 24% of all multi-day program participants received need-based scholarships to attend.

Partnerships are key to our success. Here are a few significant partnership projects that helped us increase our outreach to visitors of all ages:

- **Youth Capture the Colorful Cosmos** (Smithsonian Institution with support from the UH Institute for Astronomy & the Windward Community College Imaginarium). Astrophotography program with Pacific Islander/Asian students from Waipahu.
- **"With Their Voices Raised"** performance (Alliance for Drama Education & Farrington High School T-Shirt Theater) Documentary theater performance, featuring the stories of Pearl Harbor & Hiroshima survivors.
- **"Under the Blood Red Sun" Day.** First public showing of the theatrical film based on the best-selling book.
- **Young Historians, Living History** (Smithsonian Asian Pacific American Center & Aliamanu Middle School) Student videographers created short films related to the Asian Pacific American experience in Hawaii.
- **Aviation Adventure** (Maryknoll School) Students from mainland China joined local teens for an unforgettable cross-cultural experience.

RESTORATION

The early part of 2014 was devoted to work on the completion of the B-17 project, ultimately moving the aircraft into Hangar 79 for an “as is” display, sharing the story of the crew, the emergency landing/crash, and ultimately the recovery of the aircraft from the swamps of New Guinea. Along with other projects, our restoration activities not only support Museum displays, but also provide for a very wonderful visitor experience. Watching our team of experts demonstrate their abilities as engineers, fabricators, mechanics, paint specialists, riveters, designers and creative problem solvers provides added value to all who visit Hangar 79. With the help of Mike and Carol Shealy, we have been able to consistently update our tools and supplies in support of our restoration and aircraft maintenance efforts. We should add that our valued and talented team also created a one-of-a-kind tribute plaque presented to Adm. Ronald J. Hays, USN (Ret) as part of our acknowledgment of his nearly 14 years of Museum leadership! The plaque featured a pane of glass from Hangar 79 that had been damaged by bullets fired on December 7, 1941.

Here is a list of projects undertaken during 2014 — all but the O-2A and C-47 were completed during the year and placed into active display:

F-4C	P-40 <i>prop corrosion removed/repaired</i>
F-100	B-17 <i>turret-stand fabrication</i>
AH-1 Cobra	O-2A
OX-5	C-47

Of note is that the dedication of the restored F-100 coincided with the Misty Reunion. In a very emotional dedication ceremony, all Misty pilots in attendance signed the aircraft and participated in the traditional blessing. The photos share the depth of this experience.

Acquisitions

Donation of the Seabee

Acquisition of the retired CH – 46

The retirement ceremony of the CH-46 was also held at our museum, sponsored by the Marine Corp Association. The sunset of the “Phrog,” as this helicopter was called, followed its service as a mainstay of the MAGTF for over 50 years, a fundamental tool of the Marine Air-Ground Task Force. The CH-46 was dedicated with the call sign PF-15 that it received from HMM-364 “The Purple Foxes.”



From left to right: C-47, F-100, B-17.

STATEMENTS

Statement of Financial Position (Audited) for the Calendar Years Ending 12/31/14 and 12/31/13

ASSETS	2014	2013	LIABILITIES AND NET ASSETS	2014	2013
Current Assets			Liabilities		
Cash and Investments	\$439,005	\$365,193	Accounts Payable and Accrued Liabilities	\$576,972	\$438,974
Contributions and Grants Receivable	276,743	192,979	Notes Payable	1,260,827	1,317,352
Museum Fees Receivable	439,361	355,646	Deferred Revenue	98,690	114,089
Prepaid Expenses and Other			Total Liabilities	\$1,936,489	\$1,870,415
Current Assets	117,391	100,312	Net Assets		
Total Current Assets	\$1,272,500	\$1,014,130	Unrestricted	\$20,688,686	\$20,344,455
Museum Collections	\$7,777,552	\$7,504,682	Temporary Restricted	352,272	464,004
Property and Equipment			Permanently Restricted	106,618	105,618
Leasehold Improvements and Exhibits	16,071,711	15,957,826	Net Assets	21,147,576	20,914,077
Equipment, Furniture and Fixtures	858,862	718,306			
Subtotal	16,930,573	16,676,132			
Less Accumulated Depreciation	-2,896,560	-2,410,452			
Net Property and Equipment	\$14,034,013	\$14,265,680	TOTAL LIABILITIES AND NET ASSETS	\$23,084,065	\$22,784,492
TOTAL ASSETS	\$23,084,065	\$22,784,492			

Statement of Activities (Audited) for the Calendar Years Ending 12/31/14 and 12/31/13

	2014	2014	2014	2013
	<i>Unrestricted Net Assets</i>	<i>Restricted Net Assets</i>	<i>Total of All Activities</i>	<i>Total of All Activities</i>
REVENUE				
Museum Fees and Sales	\$4,709,279		\$4,709,279	\$4,986,834
Membership and Direct Mail Contributions	\$238,831		\$238,831	\$277,096
Other Contributions and Grants	\$517,670	\$278,798	\$796,468	\$828,839
Non-Cash Contributions Received	\$455,837		\$455,837	\$1,412,283
Special Events Revenue	\$349,501		\$349,501	\$208,530
All other Revenue/Gains	\$44	\$6,143	\$6,187	\$6,082
Total Revenue	\$6,271,162	\$284,941	\$6,556,103	\$7,719,664
NET ASSETS RELEASED FROM RESTRICTIONS	\$395,673	(\$395,673)	\$0	
EXPENSES				
Program Services				
Personnel Costs	\$2,301,811		\$2,301,811	\$2,160,573
Utilities and Shuttle Bus	719,066		719,066	606,875
Depreciation	514,440		514,440	491,303
Advertising and Commissions	587,483		587,483	767,035
General Excise Taxes	(348,051)		(348,051)	234,521
All Other Program Expenses	924,539		924,539	1,091,588
Total Program Services	\$4,699,288		\$4,699,288	\$5,351,895
Management and General Expenses	\$337,129		\$337,129	\$363,026
Fundraising				
Membership and Direct Mail Expense	108,834		108,834	150,030
Personnel Costs	442,742		442,742	469,710
Special Events Expense	291,923		291,923	84,461
All Other Fundraising Expenses	442,688		442,688	94,050
Total Fundraising Expenses	\$1,286,187		\$1,286,187	\$798,251
Total Expenses	\$6,322,604		\$6,322,604	\$6,513,172
INCREASE (DECREASE) IN NET ASSETS	\$344,231	(\$110,732)	\$233,499	\$1,206,492



*By Elissa Lines
Executive Director of
Development*

A YEAR OF SUPPORT AND VISION

The year opened with a dedication to growing our membership, broadening our impact as a museum and education center for our local community and all who visit, and increasing awareness for the historic significance of our site, the hangars, and the control tower that serve as our immersive museum.

Our member program is gaining traction. We ended 2014 with 2,200 members. Membership provides sustained support for our operations, our programs, and our education mission. Free access to the museum and our special activities continue to be the strongest values of membership. As a Smithsonian Affiliate, Pacific Aviation Museum Pearl Harbor is able to pass on some of these national values to our own members.

Philanthropy also took on a new focus. Our annual fund raising initiatives were merged with our capital goals, providing a clearer mission and vision for all donors. With the approach of the 75th commemoration of the attack on Pearl Harbor in December 2016, we are more determined than ever to steward the hangars and the control tower, buildings that stand to this day as a testament to our determination and commitment as a nation to peace, freedom and friendship, and to develop the exhibits and programs that promote understanding, remembrance and learning.

Annual Gala

The 2014 Anniversary Dinner, Destinations and Dreams, welcomed Captain Chesley “Sully” Sullenberger as our featured guest along with Col Clarence “Bud” Anderson, USAF (Ret), American Fighter Ace, and David Hartman, original Good Morning America host. Under the leadership of board member Ruth Limtiaco, the event posted dramatic growth in attendance and impact. With over 600 guests in attendance, we grossed \$530,000, including the Raise the Windsock Challenge gift of \$100,000 donated by Seymour “Si” and Mary “Betty” Bazar Robins. Their gift triggered over \$200,000 in donations from those in attendance.

A very special presentation from the stage was made by Adm. Thomas Hayward, USN (Ret). With his help, we honored Adm. Ronald Hays, USN (Ret) for his 13 years of dedicated leadership as Chairman of Pacific Aviation Museum. From vision to reality, Adm. Hays provided guidance and support throughout the journey. Our own restoration team designed a special award created from a Hangar 79 window; the bullet hole will be a constant reminder of the importance of this effort.

Campaign Initiatives

The Campaign initiatives were fine-tuned with focus centering on completion of the Ford Island Control Tower, development of an Interpretive Pavilion, memorial garden and welcome plaza to help orient all visitors, and structural repairs on Hangar 79. State support through the Grants in Aid program coupled with a gift from the Freeman Foundation allowed us to take steps to complete the Aerological Tower, the two-story structure that tops the Operations Building of the Control Tower. It was the Aerological Tower that housed the runway control cab on December 7, 1941. Additional support for the Hangar 79 roof came from members and friends, responding to the 2014 annual appeal. Finding a solution to the roof leaks that impact all exhibits, artifacts, volunteers and visitors is a priority.

Of great significance in 2014 was the formation of a specially authorized committee appointed by the Governor to plan and coordinate the 75th commemoration of the attack on Pearl Harbor. Though planning was stalled a bit as we transitioned political leadership, we ended 2014 with a view to the future and vision of how our state organizations might work together to honor this important day.



2014 Year-To-Date Contributions

\$500,000 and Above

State of Hawaii

\$100,000 and Above

Seymour "Si" and Mary
"Betty" Bazar Robin
Freeman Foundation

\$50,000 and Above

David Lau
Walter Lantz Foundation

\$35,000 and Above

Hilda Namm
Lockheed Martin Aeronautics Co.

\$20,000 and Above

Ross S. Mickey
Alexander "Sandy" Gaston

\$15,000 and Above

Pan Am Association -
Aloha Chapter Inc.
Boeckmann Charitable Foundation
Howard M. Day

\$10,000 and Above

Stanford Carr Development Fund
Basis Foundation / Michael and
Carol Shealy
Northrop Grumman
Dr. Thomas and Mi Kosasa
James K. Schuler / Shuler Family
Foundation/ DR Horton, Inc.
Bank of Hawaii
John R. Halligan Charitable Fund
Clay and Lois Lacy
Edward and Stephanie Merrill
David and Noreen Mulliken
Herman Rowland
Marguerite Gambo
Wood Foundation

\$5,000 and Above

Charles L. Wareham
City and County of Honolulu
Gordon L. K. Smith
Fred and Barbara Telling
Ernst & Young
TLC PR/ Ruth Limtiaco
Scott H. Quady
John and Elizabeth Seibold
McCabe, Hamilton &
Renny, Co., Ltd.
Robert and Debra Ryker
Eric and Tamara Barto
Hawaii Gas
James M. Shoemaker
Wade and Georgiana Allred
American Legion -
Pacific Palisades Post
Aston Hotels & Resorts,
LLC Aqua Hospitality, LLC
Bill and Debora Bachschmidt
Central Pacific Bank
Tien L. Chung
Enterprise Car Rental
Adm. Ronald J. and Jane Hays
Hexberg Family Foundation
Horizon Lines / Ali &
Shideh Nikkhoo
Hunt Companies

Warren "Skip" and Kim Lehman
McDonald's Restaurants of HI, Inc.
Hawaii's Hidden Hideaway Bed
and Breakfast/ Janice A. Nielsen
Pratt & Whitney
Rick and Teresa Price
Red Bull
Richard H. Robb
Royal Pacific Air - Gary Hogan
Edward Van Lier Ribbinck
Robert J. Wicks
Kuhana Associates

\$2,000 and Above

Robert and Terry Bellas
Hawaiian Electric Industries
Charitable Foundation
Clint and Susie Churchill
Adm. R. J. "Zap" and
Barry Zlatoper
Events International
Rotary International District 5000
David and Florence Kleine
Gen. Edward and Celia Richardson
James and Carole Hickerson
Pearlridge Center Association
Darrell "Buck" G. Welch
Col. Kenneth R. Bailey
iHeart Media/ Charles K. Cotton
Col. Richard M. "Dick" May
Architects Hawaii
Boeing Company
Benjamin B. Cassidy
Dennis Fitzgerald
Hawaii News Now
HECO/HEI
Howard Hughes
Island Insurance Foundation
Kuhuna Association
Matson Navigation Company
Gen. John and Audrie Miller
Monarch Insurance Services, Inc.
Outrigger Enterprises
Pizza Hut Hawaii
ProService Hawaii
Raytheon
Roberts Hawaii
This Week Magazine
Wilson Okamoto Corporation
WSP Hawaii Inc. Consulting
Engineers
Combined Federal Campaign
IBM International Foundation
Coffman Engineers, Inc.
John Cronin
Louis L. Gowans
Merrill Greer
Hubbard Broadcasting Foundation
Randall and Jean Jaycox
Jeanne Rose
Rotary Club of Pacific
Palisades Foundation
Peter Starn
Tawani Foundation
Russell C. Thompson

\$1,000 and Above
Edward P. Keough
Col. Michael "Swede" Olson
Nelson Santiago

Raymond E. Johns
Steven C. Alber
Thomas E. Berk
Aileen Blanc
Brownlie & Lee
Gordon Ciano
PBR Hawaii
Robert E. Gilbert
Charles L. Goodwin
Alan S. Hayashi
JN Group, Inc./Castiglione A.
Casauria Foundation
John and Elissa Lines
Navy League of the United States
William C. Oberlin
Pacific Aquascapes / Aqua Tech
Thomas L. Tabern
Pacific Air Cargo / A267
Beti Ward
Donn Parent
David A. Heenan
Thermal Engineering Corporation
Donald A. Workman
Kris E. Draper
Claudine Harris
John E. Walsh
Philip & Carol McNamee
Gary R. Ahlf
William T. Backof
Connie J. Bowlin
Robert A. Brucato
Marvin Bryant
Richard Clauss
Richard J. Dahl
Jeff Dahlgren
Dynamic Engineering
ECA LLP Certified Public
Accountants
EPPS Aviation
Michael B. Exstein
First Hawaiian Foundation
Hawaiian Cement
Adm. Thomas and
Margaret Hayward
Glenn Hoberg
Alex E. Hollum
The Hubbard Broadcasting
Foundation
Christopher Damon Haig
Jhamandas Watumull Fund
Donald Johnston
Carolyn M. Johnston
Charlie R. Jones
David LaCook
Richard W. Marine
Katherine McElwee
Lee and Rosita Merritt
Ellen Michelson
Charles G. Moffat
Evan and Suzanne Morris
Kazuo Nomi
Nordic PCL Construction, Inc.
General Gary and Shelly North
Margaret O'Connor
Anne Marie Olympios
Jim and Marilyn Pappas
Frederick H. Paul
Janice and Raymond Perry
Community Fund

Patrice Richardson
Dean Robnett
Edric Sakamoto
Kenneth W. Schwartz
Donald Sherman
Carole Shumate
Specialty Restaurants Corp.
Lyle and Kathleen Steinmehl
Hiroya Sugano
John and Karen Tallichet
Mike Taylor
Dale Van Matre
Gary and Donna Von
John C. Walker
Watumull Foundation
Edward W. and Jean Wedbush
James S. West

\$500 and Above

Virgina Alexander
Stephen M. Bailey
Kenneth Boden
John M. Brown
Greg Coleman
Phillip W. Reed
Richard Zegar
Ed and Tomma Irvine
Paul & Cheryl Glaza
Dr. Tai & Patricia Hong
Ira and Gemma Zunin
William R. Erwin
AFCAC - Air Force
Civilian Advisory Council
Army Aviation Association of
America Aloha Chapter
Association of the US Army
Frederick H. Bear
Tams Bixby
Boeing Company
Peter K. Brooks
Frederic Brossy
Catholic Communal Fund
Caron Cato
Pedro Chan
Robert Chapman
City Mill Company, Ltd.
John Cole
Lee Collins
Barbara Cargill
Carolyn M. Craig
Michael and Judith Dennis
Kenneth Doolittle
John Dunn
Joseph Durczynski
Egami and Ichikawa CPAs, Inc.
William Florig
John Fredrickson
Owen & Carolina Fukumoto
Grace S. Gagnier
Pat Gamble
Robert E. Ganville
John R. Gibb
Kenneth Glifort
James C. Gorman
Col. Richard and Pat Graham
Harry Greene
Jerome T. Hagen
Mark Hastert
Frank Haas

Hawaiian Dredging Construction, Co.
Heath Construction Services Inc.
Hilton Hawaiian Village
Galen Ho
Christopher E. Hochuli
Roger C. Hurst
Andrew and Julia Jackson
H. Stanley Jones
Wayne E. Jones
Tom N. Jordan
Dan and Jane Katayama
Howard Katz
R. Kincade
John and Yvonne King
KPMG LLP
Jon E. Krupnick
Howard G. Lee
William M. Lee
Don Leed
Peter A. Lewis
Jose F. Luna
Christopher Madison
Natalie Mahaney
William E. Manning
Matheson Squadron M.C.A.A.
Duncan L. Matteson
Robert McConnell
Robert and Mary McElDowney
Gary N. McGinnis
Natalie Mahoney
Everett Messmer
William J. Miller
Robert Moore
Robert Morf
James Nabors
George Norcross
Oceanit
Richard Okita
Charles Ota
Earle M. Palmer III
General Peter Pawling
Pearl Harbor Survivors Association
Cheryl Pelton
William J. Puskas
Jason Redmon
James C. Reen
Wallace G. Richardson
Howard Richman
Robert Rizika
Jean E. Rolles
Dick Rosenblum
Michael Sacharski
SAIC
Harold & Joyce Schatz
Jack and Michelle Schneider
Lewis W. Shaw, II
Michael Soderburg
Wayne P. Springsteen
George & Roberta Sullivan
Gerald A. Sumida
Richard Swenson
TD Ameritrade
Ronald Tarrson
Michael Tice
Dr. Terry and Jan Turke
Gregory and Susan Uehara
Arthur Utting & Mary Jane Masuda
Bethany Weeden
Keith D. Wentzel

Stephen A. Werbel
Kenneth D. Wiecking
Kristi Yanagihara

\$250 and Above
Sharon Billingsley
Henry P. Bruckner
James P. Golightly
Scott Johnson
LeRoy C. Meyer
Yasuo Miyasato
Sean Killeen
CPO Legacy Academy
Greg J. Greenquist
Robert J. Hatfield
Thomas F. Molinaro
Janice F. Okami
Thomas J. Scott
Yvette M. Geraets
James and Elinor Bugbee
Thomas L. Abbate
Air Central Inc.
Adm. Stanley and Jennie Lou Arthur
Jerry and Lena Baker
Irvin D. Blume
Teresa Bond
Victor Bonfiglio
William M. Borthwick
David A. Bramlett
Bruce W. Brown
Pam Carleton
Mary C. Cassarmo
Choo, Osada and Lee, CPAs, Inc
Larry and Marry Ann Collignon
Jack Cronin
Joanne Cruickhank
Alan F. Davis
Donald F. Depascal
Jack Detour
Bruce Ellinwood
Sally Glenn
Henry "Tom" Glisson
William E. Goodwin
James and Priscilla Growney
Earl Hailston
Jeffrey and Courtney Howard
Richard T. Ikehara
Curtis R. Kayem
Allen Kirby
Larry and Marry Ann Lamerson
Patricia Lucas
Andrew McKane
William R. Miller
Irvin Miyamoto
Nashimoto & Associates, LLC
Randy Ogg
James L. Philon
Jeffrey Smith
William Smith
Peter Stanek
Harold Stanfield
Richard Stevens
Ronald F. Taylor
Maxine Tier
Terry & Shauna Tonkin
David D. Watts
Randall Wick
Michael Wood
Stanley Zisk

PACIFIC AVIATION MUSEUM AIRCRAFT COLLECTION

Aircraft Type and Manufacturer **Serial No** **Date of Manufacture**

On Display in Hangar 37

North American B-25B Mitchell	40-2261	1940
Mitsubishi A6M2 Zero	5451 Displayed as B11-120	1939
Mitsubishi A6M2b Zero	B11-120 (<i>Ni'ihau crash 12-07-41</i>)	1939
Grumman F4F-3 Wildcat	BuNo 12296	1942
Douglas SBD-5 Dauntless	BuNo 36177	1942
Curtiss P-40 Warhawk	Replica	
Stearman N2S-3 Kaydet	BuNo 6707	1938
Aeronca TC-65	NC33768	1936
Boeing B-314 China Clipper	Display Model	
Curtiss B-18 Honolulu Skylark	Display Model	

On Display in Hangar 79

Douglas SBD-4 Dauntless	Replica	
Curtiss P-40E Warhawk	P-18723	1940
Boeing B-52E Stratofortress (<i>nose section</i>)	57-0101	1957
Bell AH-1S Cobra	66-15298	1966
Bell OH-58D Kiowa	90-00368	1990
Bell UH-1H Huey	68-15708	1968
Sikorsky UH-3H Sea King	BuNo 152700	1961
Convair F-102 Delta Dagger	55-5366	1955
Grumman F-14D Super Tomcat	BuNo 163904	1991
McDonnell Douglas F-15A Eagle	76-0063	1976
Mikoyan-Gurevich MiG-15 Fagot	Red 1524	1950
North American F-86E Sabre	51-2832	1951
North American F-100F Super Sabre	58-1232	1958
Douglas NTA-3B Skywarrior	BuNo 144867	1960
Sikorsky CH-53D Sea Stallion	BuNo 157173	1970
Sikorsky SH-60B Seahawk	BuNo 162348	1991
Sikorsky HH-34J Choctaw	148963	1958
Mikoyan-Gurevich MiG-21PF Fishbed	1304	1964
Northrop F-5A Freedom Fighter	68-9085	1968
Lockheed F-104A Starfighter	56-817	1956
General Dynamics F-111C Aardvark	A8-130	1967
Boeing Vertol CH-46 Sea Knight	BuNo 153965	1967
Chaser S 447 Microlight	xxx	

Aircraft Type and Manufacturer **Serial No** **Date of Manufacture**

On Outsider Display

McDonnell Douglas F-4C Phantom II	64-0792	1964
North American F-86L Sabre	52-4191	1952
Lockheed T-33A Shooting Star	51-6533	1951

Aircraft in Restoration

Douglas C-47A Skytrain	42-100486	1941
Boeing B-17E Flying Fortress "Swamp Ghost"	41-2446	1941
Stinson L-5E-1 Sentinel	76-3418	1945
Cessna O-2A Skymaster	68-11145	1968
Douglas SBD Dauntless	BuNo 7123 (<i>in Pensacola</i>)	1942
Consolidated Vultee L-13	47355	1947
Republic RC-3 SeaBee	462	1947
EMAIR MA-1B Diablo	xxx	197?

Aircraft Coming

Republic F-105G Thunderchief	62-4438	1962
General Dynamics F-16A Fighting Falcon	80-0498	1980

F-111



CH-46

The retirement ceremony of the CH-46 was also held at our museum, sponsored by the Marine Corp Association.

ANNIVERSARY DINNER 2015

★ ★ ★ ★

FOR LOVE OF
COUNTRY

Pass It On

★ ★ ★ ★

*A Gala evening to raise awareness and support for
 Pacific Aviation Museum at Pearl Harbor*

“Remember Pearl Harbor,” once a call to arms, now serves as a reminder of resilience, hope and a commitment to peace and friendship. Guests are invited to join Pacific Aviation Museum Pearl Harbor on Saturday, December 6, 5:30pm for the annual Gala. Themed “For Love of Country - Pass It On,” the evening will remember the past, honor the present, and inspire the future.

Music, dining, auctions, special guests, and an atmosphere that takes one back in time will turn the Museum’s WWII Hangar 79 — its windows still riddled with holes from bullets fired on December 7, 1941 — into a ballroom. The evening is intended to honor the spirit of the men and women who serve our country. Standing on the hallowed grounds of Ford Island, guests will be invited to help support the vision to restore, steward, and protect this historic site as both a tribute to the past and a source of inspiration for the future.

With leadership from internationally acclaimed Chef Holly Peterson, Starwood Hotels and Resorts featuring the combined culinary expertise of The Royal Hawaiian, Moana Surfrider, and Sheraton Waikiki Hotel, will produce a unique dining experience.

Marc and Janice Mondavi, owners of CK Mondavi Family Vineyards will personally unveil Mondavi’s newest Diving Rod selections, donating all wines featured throughout the night. Also joining the evening’s festivities will be special guests David Hartman, the original Good Morning America host, Col. Clarence “Bud” Anderson, American Triple Fighter Ace, and celebrity auctioneer Barrett Jackson Spanky Assiter, with his wife Amy.

Museum Executive Director Kenneth DeHoff promises, “This will be an evening of tribute and gratitude. It will also be a night of great fun and excitement with surprise, nationally noted entertainment, a live auction, and other engaging elements.”

The evening will bring civic, corporate and military leaders together inside the Museum’s Hangar 79, an 89,000 square foot WWII Hangar. Participation as a sponsor or table host helps support the nonprofit’s education programs which reach 10,000 young people each year, and their restoration efforts to preserve and use this national landmark site to promote understanding, remembrance and hope.

For information and tickets, visit PacificAviationMuseum.org or contact Director of Development Carol Greene, 808-441-1006, Carol@PacificAviationMuseum.org.



JIMMY DOOLITTLE'S SECRET MISSION

This is a story about how an Indiana farm boy undertook a secret mission during World War II and thereby participated in one of the most famous raids in war time history. This is how Bob LeMon met Jimmy Doolittle.

Bob LeMon was a self-made man. Because of the early and untimely death of his parents, he and his siblings were sent to various foster homes, and Bob was forced to abandon high school to work on a farm in Southern Michigan. Despite his exceptional intelligence, he received no formal education after that point; however, he became a man who could build a house, plumb a pipe, wire any electrical device, craft sheet metal, build a wall, lay a floor, plant and raise any crop, medicate an animal or repair an engine. His workshop, located in his small garage, had every piece of machinery known to man and he knew how to use every one of them.

In 1941, LeMon was working in the fuel cell division of a rubber company in the small town of Mishawaka, Indiana. Known at that time as the Ball Band (later to become U.S. Rubber), the company was testing the resiliency of aircraft fuel cells against incoming gun attacks.

In January, 1942 he was asked to supervise a curious task: to re-configure the shape and size of the fuel cells so that a much greater payload of fuel could be held in the B-25B Mitchell bomber. The reason for requiring the extra fuel was not disclosed. His plant received hand-carried orders from the famous pilot, Lt. Colonel James Doolittle, to build 24 sets of auxiliary fuel cells. The delivery date was firm with no extensions.

A working knowledge of the aircraft interior was necessary for the accomplishment of the task. Every available space was examined for the possibility of inserting an additional fuel cell. The final configuration was the installation of a 160-gallon collapsible neoprene auxiliary fuel tank fixed to the top of the bomb bay, and support mounts for additional fuel cells in the bomb bay, crawlway and lower turret area to increase fuel capacity from 646 to 1,141 gallons. A B-24 was flown into the South Bend Bendix airport for the fuel cell fit check.

Meetings that LeMon would never forget occurred during the work on these fuel cells. The famous pilot, Doolittle, visited the plant several times to inspect the cells. Even then, the reason for his visits was kept secret.

In March, LeMon flew to McClellan Field in California to finish the installation of connecting fuel hoses to the cells. There on the flight line were the B-25s, ready to take off. After six days of work, LeMon arrived at the airfield on the seventh morning and there wasn't a B-25 in sight. They had vanished. No one knew where they had gone.

Only after the victory of the Doolittle Raid was announced with its tumultuous, pride-filled reception in the U.S. did LeMon realize that the work he had done played a role in one of the war's most significant turning points.

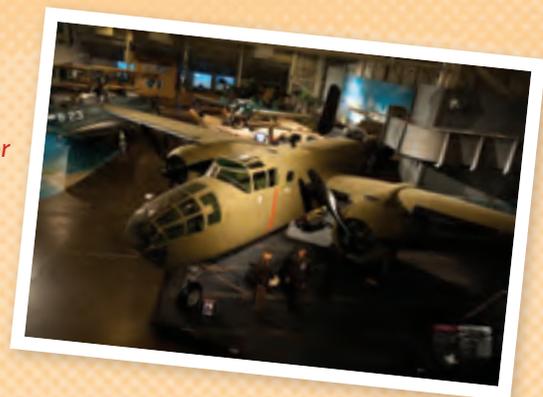
LeMon subsequently enlisted in the Army Air Corps (precursor of the Air Force) and served as a bombardier, flying 36 missions in the glass nose of the B-29 Superfortress, "The Natural," over Japan out of Guam, and earning a Distinguished Flying Cross. He never forgot his meeting with Jimmy Doolittle.

Years later, LeMon wrote to Doolittle to tell him about his small part in the raid. He received a response signed by the famous pilot that his family still has today.

When LeMon's daughter, Ruth Limtiaco, was searching for a home for this historic artifact, she thought of the Pacific Aviation Museum. Her meeting with museum staff resulted in an invitation to join the board, an assignment that she happily accepted in honor of her father. "Every time I visit the museum now, I think of my father. He would have been so fascinated by our wonderful displays, especially that Mitchell B-25 bomber!"



Mitchell B-25 Bomber



HISTORIAN DEPARTMENT

Curatorial

Museums are places of remembrance and preservation, keeping objects and artifacts that are important representations of history, culture, technology and art. We collect these precious items in trust for ourselves and for future generations. At Pacific Aviation Museum Pearl Harbor, keeping and preserving are key aspects of our work, so that we will always “Remember Pearl Harbor.”

The Curatorial Department manages the Museum’s archives and collections, but most folks don’t see this side of our work. There’s been a lot of activity recently. Here’s a peek behind the scenes.

In June, we welcomed Christina Bulow, our new Registrar and Collections Manager. Christina has worked in collection management at several museums, and earned an M.A. in Museum Studies from the University of Leicester in the U.K. She’ll be sharing information and stories about our collection in the coming months.

We’ve just finished a year-long project to accession the Thornburg Collection of over 2000 books, magazines, and articles. This significant collection will serve as the basis for our education and research library.

The Curatorial staff has been working closely with the Education Department to develop an innovative program titled, Above and Beyond. Each weekday, staff members share unique stories, activities, and items from our collection with Museum visitors. The next time you’re at the Museum, visit the Above and Beyond team to discover something new about Pacific Aviation Museum Pearl Harbor. We look forward to seeing you!

Pan Am Exhibition



The Electra gathered speed, beginning to drift starboard. Earhart corrected the aircraft by advancing the port throttle slightly, but the Electra began to swing hard to port, and the starboard wing dipped low. For several dozen yards, the Electra was supported only by the starboard wheel, which suddenly burst and collapsed, ramming the landing gear up into the engine nacelle.

The Electra flopped down, collapsing the port gear as well, and slid, spinning in an arc down the runway, spitting out sparks, shards of metal and chunks of asphalt. It came to a smoking halt 200 degrees off its initial heading.

Luckily, there was no fire. Earhart popped out of the airplane and cursed loudly — and colorfully enough that her comments were included in the military accident report.

The Electra’s pieces were shipped back to Lockheed for repair. By late May, the Electra was ready to fly again. Two months later, Earhart’s small aircraft disappeared over the trackless Pacific Ocean. But, that’s a mystery for another day.

Earhart’s Electra being fueled in Oakland, California before her flight to Hawaii.



Calendar of Upcoming Events

November 11 – Commemorating Veterans Day. Free admission to veterans and dependents, with military ID.

November 26 – Happy Thanksgiving. Museum closed for the holiday.

December 5th – Commemorative Dinner Gala: “For Love of Country — Pass It On,” 6:00 to 10:00pm. Celebrating the Museum’s 9th Anniversary, the annual fundraiser to help support the Museum’s Restoration and Education programs includes cocktails, dinner, entertainment, and auction. Guests will get a first look at newly restored aircraft fresh out of Lt. Ted Shealy’s Restoration Shop, and the one and only B-17E Swamp Ghost. Information, sponsor tables & tickets, contact (808) 441-1006; Carol@PacificAviationMuseum.org, and online at PacificAviationMuseum.org.

December 6th – Honoring the 74th Anniversary of the Attack on Pearl Harbor. Blackened Canteen Ceremony hosted by Dr. Hiroya Sugano M.D. aboard the USS Arizona, 7:00am. Dr. Hiroya Sugano, Director General of the Zero Fighter Admirers’ Club, comes from Japan to conduct this annual commemoration of peace and reconciliation ceremony with a silent prayer and pouring bourbon whisky from a WWII-blackened canteen into the water from the USS Arizona Memorial as an offering to the spirits of the fallen. The public and press are invited on a first come, first served basis by calling Museum Event Coordinator Gary Meyers at 808-282-6570, for reservations. A student roundtable discussion with Dr. Sugano follows at Pacific Aviation Museum Pearl Harbor.

December 7 – Pearl Harbor Memorial Parade. “Remembering our past and celebrating our future.” Each year we take our gaily lit and decorated F-104 Starfighter to parade down Kalakaua Avenue to honor and pay respect to the Pearl Harbor survivors, our veterans, active duty military and their families. The parade takes place each year in Hawaii on the anniversary of the Pearl Harbor attack. Parade starts at 7pm at Ft. DeRussey in Waikiki and goes down Kalakaua Avenue, to Kapiolani Park.

December 25 – Happy Holidays. Museum closed for the holiday.

January 1, 2016 – Happy New Year. Museum closed for the holiday.





Historic Ford Island | 319 Lexington Blvd. | Honolulu, HI 96818

For more information please visit our website
www.PacificAviationMuseum.org

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WE'VE GOT YOU COVERED!

From model planes to golf umbrellas, and everything in between. Our Museum store has the perfect gift for every person and every occasion. New arrivals include, grenade mugs, army bottle openers, logo caps, books, postcards, magnets, and the Popeye and Olive Oyl "Kiss" designed items — imitating the famous photograph taken on Victory Day in Times Square. Legos, model kits, and toys for the kids too!

Use code: *"Winter"* and receive 10% off on-line and in-store purchases.
PacificAviationMuseum.org | 808-271-3188.



The perfect landing for historic events.

Imagine dining in the shadow of a B-25 Mitchell Bomber, or the cocktail conversation around an authentic Japanese Zero. We can accommodate 2,500 in our Museum Gallery and up to 10,000 on the Tarmac, which still bears the scars of the Dec. 7th, 1941 attack.



Proud member of HLTA, HCTA.

PacificAviationMuseum.org
808-441-1000

