As part of our U-Haul support this stunning Control Tower art will appear on many U-Haul trucks.
This place matters! As we begin 2019, the impact and significance of our museum - the battlefield on which we are located, and the experiences we deliver – continue to grow. Visitors from our local community, our state, our country, and from around the world come to remember and honor our past, and to inspire those who will lead our future. We experience these emotions daily.

For nearly 10 minutes, guests at this year’s 2018 “For Love of Country” gala stood and applauded our entering WWII heroes. Col. Bud Anderson, WWII Triple Ace, Col. Jack DeTour, Col. Ed Jurkens, and Captain Herb Elfring were escorted into the room by today’s commanders: ADM Davidson, Commander, IndoPacific Command; ADM Aquilino, Commander, Pacific Fleet; ADM Lunday, Commander, United States Coast Guard; and BGEN King representing Commander, Pacific Air Forces.

Each group was also accompanied by a young Marine. The generational impact was clear - a passing of the torch and the legacy of our “Greatest Generation.” It was a moment I will never forget; spontaneous, heartfelt admiration, tribute and thanks gave everyone present “chicken skin.”

Just a few weeks later, and no less poignant, the point was driven home. A recent museum scholarship recipient, Genevieve, invested our financial award to complete her flight training and gain a private pilot’s license, a step in achieving her future goal. Now accepted into the Air National Guard, Genevieve returned to visit the museum and thank us.

Though clearly her drive and determination provided the fuel, Genevieve’s dream to fly, now a reality, paved the way for her future. Young, vibrant, filled with excitement and enthusiasm for what the future holds, Genevieve came back to tour Hangar 79 and shared her story. She posed for a photo in front of the F-15, an aircraft she will now fly. As if on cue, a group of young children in the hangar gathered around her asking if they could get a photo with her. No introductions, no announcements of who she was, no fanfare, the children just “knew intuitively” that they were meeting someone destined to be a modern day hero. They just felt she was important!

That is what we do best - inspiring the next generation, giving them role models to look up to, real life heroes they can emulate, challenging them to achieve their fullest potential.

It was a powerful moment that immediately reminded me of the emotions I felt the night of our gala. What we do and where we are, matters.

Your support makes the difference. Together, let’s make certain that all our children feel inspired, motivated, and ready to “Climb on Course.” Our Ray Foundation Million Dollar Challenge will change the lives of thousands of young people. I know we can do this. Please read on in this NOTAM and get the full story of the Ray Foundation challenge in the article by Gen. Dan “Fig” Leaf on pages 11 and 12.

As always, thank you for your support, advice and advocacy.

Mahalo

Elissa Lines
We’ve closed the books on a banner year for our education programs with nearly 17,000 students and teachers participating in the Barnstorming Tours, museum field trips, Scout programs, and STEM camps. We’ve provided professional development and outreach programs for youth and adults through strategic partnerships with national organizations and the Pearl Harbor Historic Site Partners. Additionally, we implemented a short introductory presentation available for all guests so they can gain a greater appreciation for the importance of this site and story. These learning opportunities enhance the overall museum experience, helping us achieve our mission.

In December, we commemorated the 77th anniversary of the Pearl Harbor Attack. This sobering time prompts us to reflect on the sacrifices made for our freedom, and ponder our role in promoting the message of peace for younger generations. We’re faced with questions of how to keep these ideas alive since so many of the “Greatest Generation” are now gone.

Will succeeding generations make the effort to understand and honor the memories of those who gave so much? This question drives our commitment to preserving the stories and artifacts that connect us with the important history of Pearl Harbor. We also embrace the challenge of educating young people for leadership, civic responsibility, and empathy.

The Blackened Canteen Youth Symposium, held here each December, exemplifies the impact of our youth programs. The Blackened Canteen represents the story of a fiery collision of two U.S. B-29s over Shizuoka, Japan, in June 1942. After the crash, Fukumatsu Itoh, a Shizuoka City councilman, found the canteen in the wreckage. Mr. Itoh was determined to honor the lives of his enemies, and provided burials for the American servicemen who lost their lives.

Dr. Hiroya Sugano witnessed the crash as a 12-year-old boy, and is now the caretaker for the canteen. He shared his experiences during the symposium with students from Hawaii, California, Florida, Australia, and Japan.

Col. Jack DeTour, a WWII pilot, also spoke and encouraged youth to seek peace and understanding with people from other nations and cultures. In response, four teens read essays that they wrote after studying the account of the Blackened Canteen. WWII author and historian J. Michael Wenger provided a larger context for this incident, emphasizing the lessons that all of us should recognize and remember as we consider the future.

The museum remains rooted in the values of courage, sacrifice, and freedom, while providing experiences that prepare youth for tomorrow’s challenges. Your support is vital to our success!

For full story on the Blackened Canteen turn to page 5.
The restoration effort of the Ford Island Control Tower, the historic structure that witnessed and withstood the attack on Pearl Harbor 77 years ago, received a huge push forward with a gift from the Shoen family of U-Haul International. This gift will support the complete restoration and activation of the Control Tower elevator, enabling the public to visit the tower’s upper deck and providing a 360-degree view of America’s first aviation WWII battlefield.

Repairs on the tower began in 2010, necessitated by decades of weather-related deterioration. During the Phase 1 renovations, 53 tons of steel were replaced in an effort to stabilize the structure and reskin the tower itself. Since that time a Phase 2 project was launched to begin the restoration of the interior of the Operations Building, the administrative areas that supported the Control Tower team. However, without a working elevator, opening this building to the public has been impossible.

"The Ford Island Control Tower remains an iconic symbol of Pearl Harbor's resolve and the brave veterans who served there, many whom gave their lives defending our freedom," stated U-Haul Chairman Joe Shoen, son of company founders L.S. Shoen and Anna Mary Carty Shoen. Following his discharge from the Navy in 1945, L.S. Shoen struggled to move his family and their possessions to start his post-military career in Portland, OR. Leaving behind everything that could not fit into their car, the Shoens vowed to find a way to help military families relocate. They purchased their first trailers to rent for relocation, painting them the same military surplus orange and white used on the Ford Island Control tower. The rest, as they say, is history. Trailers, and later trucks, provided the flexibility our military personnel needed, helping them with the challenge of starting their lives in a new hometown following their military service.

U-Haul has been recognized repeatedly as a leading veteran-friendly employer. U-Haul proudly served as the Presenting Veterans Sponsor at the Pearl Harbor Day 75th anniversary opening gala in 2016.
"U-Haul honors our veterans and active military members for their service and sacrifice," Joe Shoen added. "One way we can do this is by helping to preserve a piece of American WWII history for present and future generations to appreciate."

"The restoration of the Ford Island Control Tower will greatly contribute to honoring the memory of those lost at Pearl Harbor and serve as a symbol of America's resiliency and resolve," said Arizona Governor Doug Ducey. "I thank the Shoen family for their commitment to preserving this important icon of history and their dedication to honoring America's veterans."

Watch for news and updates as this work progresses. Our goal for completion is August of 2020, ensuring that the public will be able to access the upper cab of the historic Ford Island Control Tower during the global 75th anniversary of the end of WWII which will be commemorated right here at Pearl Harbor. The commemoration will begin with an event inside our WWII Hangar 79. That will be followed by opening ceremonies for the tower, and a number of commemoration events on both the pier and the deck of the USS Missouri, the historic site of the signing of the document of surrender.

Mark your calendars and join us Aug. 29 – Sept. 2, 2020. We look forward to showing our appreciation for all of our supporters in the next NOTAM. More to come!
“Humanitarian” is defined as someone who is compassionate, generous, sympathetic, and seeks to promote human welfare. They are treasures within their family, community, and country. We have such a person in our midst: Dr. Hiroya Sugano from Shizuoka, Japan. Dr. Sugano is a respected physician, husband, father, and community leader. He is also the custodian of the Blackened Canteen, an artifact salvaged by Mr. Fukumatsu Itoh on June 20, 1945 when two B-29s collided over Shizuoka. In addition to the 23 US airmen on board, over 2000 Shizuoka citizens were killed in this bombing raid.

Mr. Fukumatsu Itoh was a common Japanese citizen with an uncommon sense of compassion and devotion to the Buddhist tenet that all life is sacred. Following the raid, he buried the dead American airmen alongside the Japanese victims for which he was roundly condemned. He used the salvaged canteen to pour a tribute, in the Buddhist tradition, to the spirits of the fallen. He continued remembrances on each anniversary of the raid. Years later, Dr. Sugano sought him out. He discovered that they shared similar values and beliefs, that war exacts a terrible toll, and that all energy should be focused on preserving peace. He resolved to support Itoh-san’s noble work and promised to continue after Itoh-san’s passing—which he has done faithfully using his own resources since 1972!

Dr. Sugano conducts Blackened Canteen ceremonies in Shizuoka each June and at the USS Arizona Memorial each December. As a final gesture of friendship, peace, and reconciliation at each ceremony, representatives from both countries join Dr. Sugano in pouring whiskey from the Blackened Canteen, an offering to the spirits of the dead Americans and Japanese, and a plea for peace.

As a further act of reconciliation, Dr. Sugano has recently commissioned replicas of the Blackened Canteen to be presented to each of the families of the 23 American airmen who lost their lives over Shizuoka in 1945 and for display at Pearl Harbor Aviation Museum. Research is on-going.
SPECIAL SECTION

THE BUSH STEARMAN

By Rod Bengston,
Director of Exhibits, Restoration & Curatorial Services

with assistance from Mary Meyland Mason
For the past 12 years, Bob and Mary Meyland have generously loaned Pearl Harbor Aviation Museum their Boeing N2S-3 Stearman Kaydet -- the “Bush Stearman,” -- for display in Hangar 37. The distinctive yellow trainer bi-plane has told the story of late President George H.W. Bush’s heroism in the Pacific Theatre during WWII. In the new year, the Stearman will become part of the museum’s permanent aircraft collection as the Meyland’s have decided to donate it to Pearl Harbor Aviation Museum.

Having grown up as young boys near the Wilmington, North Carolina Airport, Ed and Bob Meyland nurtured an early love for WWII aircraft. During the late 1950’s, Bob was drafted into the Army’s emerging Missile Defense Program at Huntsville, Alabama. Surrounded by some of the greatest minds of the time, Bob contributed to the special assignments of the Red Stone Arsenal. In 1963, Bob rode the “wave” to Kennedy Space Center at Cocoa Beach, FL to participate in the design, construction, and testing of missiles, including the Saturn V Missile.

In the 1970’s, Bob moved to Dallas, Texas with his family. His daughters fostered a love of aviation beginning with Bob’s Cessna 172, named “Munchkin.” Mary followed in her father’s footsteps and became a civil engineer for the Texas Department of Transportation, pioneering new paths for women in leadership. Jennie and her husband Keener, a Delta Captain, eventually owned and operated a
small excursion airport in upstate Michigan.

As Bob began his retirement, a request from his youngest daughter presented his greatest challenge. Jennie longed to fly a North American Aviation T-6 Texan. Bob set out to make it happen.

The T6 Inventory was very sparse, so Bob and Ed turned to crashed Texas and Oklahoma crop dusters. On April 1, 1989, they set out from Dallas in a U-Haul truck to salvage the wreck of an Oklahoma crop duster. Two hours later, the two men returned with a full truck of “junk,” as his wife Emma would lovingly refer to it in the years to come.

The junk was moved to the Kissimmee Fighting Tigers Warbird Museum. With hard renovation most evenings and weekends for over ten years, the junk unveiled a treasure Bob would have never envisioned. It consisted of enough Stearman parts to fashion two renovation projects. Most importantly, the fuselage of the Stearman provided the first piece to the history puzzle.

Validating the identity of the Stearmans built for the Navy in WWII, takes more than general reference to the FAA’s Aircraft Registration records. During WWII, the Navy assigned its own serial numbers to the airplanes it
purchased. Boeing Aircraft also assigned its own numbers to the Stearman biplanes. The verification process requires matching all three numbers with the: FAA Aircraft Registry Office in Oklahoma City; National Based Aircraft database; and National Air and Space Museum.

The hunt uncovered five biplanes flown by President Bush during his primary training at NAS Minneapolis. Bob’s Stearman is one of the Bush Stearman flown during his training. The junk now had a new purpose.

Built by the Stearman Aircraft Division of the Boeing Company in Wichita, Kansas, a simple and sturdy design made the N2S-3 Kaydet an ideal trainer for beginner pilots in the U.S. Army and Navy. The bi-plane was constructed with canvas stretched over a steel-framed body and wood-framed wings. Boeing built 8,584 Kaydets. The Kaydet was used in both military and civilian roles in countries across North America, Asia, and South America.

The Pearl Harbor Aviation Museum permanent aircraft collection will now contain two aircraft that related to the wartime service of President Bush. The TBM Avenger, currently in our Restoration Shop, will be painted with the markings of the Avenger flown by President Bush as a pilot with the VT-51 on the USS Jacinta.
The 12th annual *For Love of Country* Gala and Fundraiser held in our historic battle-scarred Hangar 79 on December 8, 2018 welcomed more than 750 guests and supporters for an exciting evening of fun, fine dining, fabulous auctions and patriotism. We were honored to have again this year David Price, the weather anchor for NBC Channel 4 in New York as the Master of Ceremonies. Catered by Honolulu’s Chef Chai, the elegant dinner was highlighted by the donated wines from Eleven Eleven and Nellcote vineyards of Napa Valley.

The gala program included a tribute to late President George H. W. Bush who was Honorary Chairman of the Museum, and a WWII Naval Aviator, and Colonel Charles McGee, USAF (Ret.) WWII Tuskegee airman who holds the Air Force record of 409 fighter combat missions flown in WWII, Korea and Vietnam. Colonel McGee Celebrated his 99th birthday on December 7th and delivered a moving and patriotic message to an admiring audience.

Other veterans recognized and honored were WWII Veterans,

- Colonel Clarence “Bud” Anderson, USAF (Ret.) a WWII triple ace and the highest scoring flying ace in his P51 Mustang squadron.
- Captain Herb Elfring, (USA) 251st anti-aircraft artillery battery, and Pearl Harbor Survivor.

Also, in attendance was Captain Tamie Jo Shults, one of the U.S. Navy’s first female F/A18 Hornet pilots, and the pilot that safely landed the Southwest Airlines Boeing 737 that had a catastrophic high-altitude engine explosion on April 17, 2018. Captain Shults gave an inspiring presentation of leadership, challenges, courage and determination.

Renowned auctioneer Spanky Assister engaged our guests in the live auction filled with fabulous trips around the globe including China, Paris, France, Iwa Jima, Napa Valley, an Alaska adventure, cross country helicopter certification flight, and a VIP trip to Texas Motor Speedway. The evening raised more than $700,000 to support the operations and educational programs and the mission of Pearl Harbor Aviation Museum.

Of special note, we launched the Ray Foundation Million Dollar Challenge to build our youth Learning Lab, a fabulous education resource for Hawaii’s youth.

The 13th Annual *For Love of Country* Gala and Fundraiser is being planned for December 7, 2019. Please save the date and make plans now for you and your guest to attend this sell out premiere “black-tie optional” extravaganza. Sponsorships, tables and ticket purchases are now available at www.forloveofcountrygala.org

Mahalo Nui Loa,

Rick and Teresa Price
Co-Chairmen
As many of you know, our museum recently earned a $1,000,000 Challenge Grant from The Ray Foundation to develop a new educational resource for Hawaii Youth—a Learning Lab using the excitement of aviation and aerospace to advance spur interest and competency in STEM (Science, Technology, Engineering, and Mathematics). You can learn more about the plans for this state-of-the-art learning facility on the Pearl Harbor Aviation Museum web site.

As a challenge grant, the Pearl Harbor Aviation Museum will get matching funds from The Ray Foundation for every dollar we raise for the Learning Lab between now and the end of December this year. Our goal is to earn every penny of the grant as, combined with other donations, this will fully fund the renovation of Building 97 and meet our goal of having the Center open by the end of 2020.

Raising a million bucks is a big challenge. I don’t know about you, but as a fighter pilot, I love a challenge. That’s why I asked our executive director, Elissa Lines, to let me be the flight lead for this pursuit mission. All we need is a plan, and disciplined mission execution. We need a climb schedule to get over the top by the end of the year. Here is the plan to Climb on Course to reach this lofty goal:

**Takeoff/Unrestricted Climb:** Since this pursuit was initiated at the For Love of Country gala on December 8th, museum donors have gone full afterburner to provide over 30% of the objective—a GREAT start. Raise-the-Paddle alone brought in $168,500! That’s a great start, but it is unrealistic to expect that we’ll maintain that high rate of climb all the way to completion. So now it is time for the Cruise Climb.

**Cruise Climb.** This is a climb technique employed by aircraft, usually at a constant power setting, resulting in
an increase of altitude as the aircraft weight decreases. We’ve all experienced that on long airline flights. In this case, we will reduce the load through steady progress on donations. Most of these will be personal donations of those who know the value of our museum’s educational efforts and are willing to invest in the future of Hawaii and our Nation. Yes, I AM TALKING TO YOU! Please donate!

**Zoom.** We’ll need extra energy to get over the top. The museum staff, Board of Directors, and I will be seeking corporate and foundation donations and grants to have the Mach required to match, and ideally exceed $1,000,000 in total donations so Learning Lab gets the full benefit of the generous grant from The Ray Foundation.

James Ray was a remarkable man – steel worker, decorated B-17 pilot, life-long aviator, technologist, entrepreneur, philanthropist…and an eyewitness to the attack on Pearl Harbor December 7, 1941. He sought challenges and met them – just as we can meet this challenge and make the Learning Lab a reality in 2020!

Let’s all get in formation, push up the throttles, and reach great heights together!

To participate in the challenge and help us reach our goal visit PearlHarborAviationMuseum.org/supportus/challenge-grant/
RESTORATION

By Rod Bengston,
Director of Exhibits, Restoration & Curatorial Services

The Restoration Shop continues restoration work on our TBM Avenger. The arrival of three significant components will allow our team of staff and volunteers to fully assemble the aircraft for display.

The final parts for the cockpit included a full reproduction Plexiglas dome for the ball turret, as well as the complete working mechanism. The ball and mechanism allowed a gunner to swivel the dome, aim, and operate the 50 caliber machine gun from the rear of the aircraft. Purchasing a replica 50 caliber machine gun will complete the appearance of the ball turret.

We also received a set of bomb bay doors for the bottom of the Avenger. The Restoration crew is preparing the doors for installation and display.

Once assembled, our TBM Avenger will be painted to represent the aircraft flown by former U.S. President George H.W. Bush during WWII. On September 2, 1944, then Lieutenant Junior Grade George H.W. Bush was assigned as a pilot with the VT-51 on the USS Jacinto. While piloting his aircraft over the island of Chichi Jima, he took anti-aircraft fire, and his Avenger burst into flames. Bush ordered his crew to bail and waited in a raft until rescued by the submarine USS Finback after hours on the water.

WELCOMING NEW EMPLOYEES

Meet Kathrin Johnston

A member of our Education and Visitor Experience team, Kathrin was born and raised in Germany. She moved to Hawaii with her husband, who is in the military. She enjoys working at the museum because it makes her feel like she is a part of history. In her spare time, Kathrin and her husband can be found exploring Oahu searching for new adventures.

Meet Katie Moriarty

Katie Moriarty, Development & Campaign Manager for the museum, was born and raised in New Jersey. She graduated from Ramapo College of New Jersey with a bachelor’s degree in Sociology. Katie spent seven years in retail management working at various stores, including: Bloomingdales; Cole Haan; and Anthropologie. Her latest role was in the Development Department at the Hawaiian Humane Society. Katie is excited to be working at Pearl Harbor Aviation Museum because of the historical significance and is excited to bring her experience to the museum.

Meet DeAnne Kennedy

DeAnne Kennedy, the new Exhibits’ Specialist with Pearl Harbor Aviation Museum, comes to us with a theatrical background in Scenic Design. She has moved all over the country designing, building, and painting for a wide array of theaters. She is currently designing updates for the museum, while freelancing in theatre. DeAnne taught at the University of Hawaii, Manoa, and was a resident designer in California. When not designing, DeAnne is often found rock climbing mountains or practicing acrobatics!

Meet Daniel Caluya

Daniel Caluya, the new Facilities Manager for the museum, comes to us with a background in Education. Previously, he was a High School Social Studies teacher and eventually a High School Principal in San Antonio, TX. He moved to the Big Island and became an Elementary School Principal in Mountain View. Daniel is a U.S. Air Force Veteran of 22 years. He is a graduate of the University of Hawaii and Wayland Baptist University and is currently pursuing a second Master’s Degree in Military History with the American Military University.
Thank you to our donors for their continued support.

(*Denotes Pledge  **Denotes Pledges and Payments)
Join Today!

Becoming a member of Pearl Harbor Aviation Museum directly supports our mission and efforts. Members get free admission to the Museum and special events, discounts at our Museum Store and Lani‘kea Café, and much more.

Questions? Ready to join? Contact us by mail, phone, or by email at: 808-445-9062, Members@PearlHarborAviationMuseum.org

PEARL HARBOR AVIATION MUSEUM — HONORING OUR PAST AND INSPIRING OUR FUTURE

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