Perkins+Will Selected As Design Firm Of Record

The Intrepid Sea, Air & Space Museum has selected the Chicago-founded firm of Perkins+Will as its interior exhibit space design firm of record. Perkins+Will is charged with redesigning the Intrepid’s hangar deck exhibition space.

“It is a true pleasure to announce that we have selected Perkins+Will as the Intrepid’s exhibition space design firm,” said John Zukowsky, Chief Curator of the Intrepid Sea, Air & Space Museum. “Perkins+Will will work collaboratively with the museum’s exhibits department to create a world-class museum environment that will also showcase the latest in hands-on and interactive exhibit technology, ensuring that visitors to the Intrepid from across the U.S. and around the world will have a fun, inspiring and educational experience they’ll never forget.”

The design will complement the existing historic and more contemporary architectural features of the decommissioned aircraft carrier’s hangar deck. The design will also create strong, distinctive additions that visitors will readily recognize as unique among historic ships such as the Intrepid, as well as reminiscent of major museum displays today. Visitors will also enjoy a more interactive, hands-on experience through audio/visual, multi-media and experiential teaching and learning opportunities.

The Perkins+Will team will be led by Eva Maddox FIIDA, Associate AIA, LEED® AP, winner of the AIA’s 2007 AIA Institute Honor Award for Interior Architecture.

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MESSAGE
from the Executive Director

Dear Members,

The past 18 months have been filled with unprecedented excitement, unprecedented challenges, support from all of our constituents and an unprecedented work ethic from our staff.

The necessity of rebuilding the pier offered a once in a lifetime opportunity to renovate and restore the Intrepid inside and out. As you know, the ship went into dry-dock for about 40 days where her hull was repaired, a new paint job was completed and rivets were replaced. Perkins+Will, Eva Maddox Branded Designs is working with the museum’s exhibits department to create a world-class museum environment on the inside of the ship that will showcase the latest in hands-on and interactive exhibit technology, ensuring that visitors to the Intrepid will have an experience they’ll never forget.

In the meantime, our challenge to keep Intrepid in the hearts and minds of the public has been accomplished through a variety of programming including Intrepid Sails which has brought our educational programs to more than 13,000 students in the five boroughs, Power of One, which continues to bring outstanding individuals to inspire underserved students and maintaining a presence in Fleet Week by hosting our annual Memorial Day Ceremony, our annual Salute to Freedom dinner and much more. Each department has researched the best practices in their discipline to guarantee bringing the ship back better than ever.

Our completely rebuilt pier will feature a park-like atmosphere with trees, shade structures, benches and water fountains, welcoming New Yorkers and tourists alike, and will allow for programming along the entire length of the pier. The Growler submarine and Concorde will return as well, and restoration continues on our aircraft collection. The history of each plane has been researched and connected to the Intrepid in an effort to further illuminate the stories of the men behind the machines or “the humanity behind the hardware.”

We are returning with an array of new programming including overnights, a new restaurant, enhanced video conferencing, a brand new web site, and a two hour documentary about the Intrepid is scheduled to air nationwide during Fleet Week ’09.

The ship travels back to its home on October 2 and will reopen to the public on November 8, 2008. We look forward to hosting our members at a member only event and to your repeat visits, enabling you to be inspired, as we have been, through this process and its results.

We are looking forward to seeing you soon.

Susan Marenoff
Executive Director

“"Our challenge to keep Intrepid in the hearts and minds of the public has been accomplished through a variety of programming.""
Intrepid Artifacts Tell Personal Stories

By Jessica Williams, Curator of History

Aircraft carriers like the Intrepid are massive and complex vessels, housing elaborate machinery and a collection of aircraft that span the history of aviation. Yet the stories of the people who created, serviced, and used these technological wonders are often overlooked.

Our new permanent installation will illuminate many of these personal stories using artifacts from our collection, most of which have never before been on public view. Here are just three examples of the approximately 140 artifacts that await visitors in our hangar deck when the Intrepid reopens to the public on November 8, 2008.

Louis DeFedele Letter
During World War II, the Intrepid was hit or damaged by kamikaze attacks on four separate dates. In conjunction with a dramatic media presentation and a new memorial wall, a selection of artifacts from our collection will tell the stories of the men who perished during these attacks. Louis DeFedele worked in the Intrepid’s V-2 Division, which was responsible for handling airplanes on the hangar deck. In a letter to his cousin Renaldo, which will be on view in our new exhibition, DeFedele has little to say about his life on the Intrepid, other than a quick, “I’m in good health.” Three days after writing this letter, DeFedele was killed in the November 25, 1944 kamikaze attacks, along with 68 of his fellow crew members.

“Keep the Ship Afloat”

R Division Patch

Naval environments convey an impression of discipline and uniformity, but Intrepid crew members found opportunities for self-expression. Our new exhibition presents examples of sailors’ creativity, including a sample of the museum’s collection of handmade patches from the Cold War period. Their often comical, cartoon-like designs celebrate individual divisions or work groups, highlighting their unique contribution to the overall functioning of the ship. On this R, or Repair Division patch, shown above, from the early 1960s, a strapping sailor hoists the Intrepid aloft. The R Division’s day-to-day tasks included fixing the wooden flight deck, repairing the ship’s piping systems, and maintaining the ship’s damage control equipment. In the event of a fire or collision, the quick work of the R Division would, as the patch proclaims, “Keep the Ship Afloat.”

Lt. Col. Lily Gridley’s Marine Corps Uniform

Although no women served aboard the Intrepid, this installation commemorates the critical roles that women played on the home front during World War II. We are proud to display the uniform of a true pioneer, Lt. Col. Lily Gridley. On May 1, 1944, Gridley became the first woman judge advocate in Marine Corps history. Born Lily Hutcheon in Saskatchewan, Canada, Gridley received a law degree from the Golden Gate College of Law and practiced law in San Francisco before joining the Navy in 1942. After completing midshipman’s school, Gridley switched to the Marine Corps Reserve. She retired from the Marines in 1965. For the duration of her two-decade military career, Gridley was the Marines’ only woman lawyer.

These three artifacts are just a small sample of the photographs, uniforms, diaries, and other personal items that will appear in our new installation. Come discover the other Intrepid stories that our collection has to tell.
Roger Castiglione has been an active member and volunteer at the Intrepid Museum since March 2005, and has written a handbook outlining Intrepid’s history and the ship’s organization.

Roger continues to be a strong supporter of the Intrepid and the museum’s mission. During the Intrepid’s restoration period, he has teamed up with members of the education staff, bringing presentations about the Intrepid and his life at sea, to a variety of retired and professional communities. Roger was also one of our key speakers at the membership event, “Project Intrepid Restoration,” held in December 2007.

He shared with the audience a great history lesson on his responsibilities as a former crew member while aboard Intrepid and events that occurred during his two years of service.

Roger received his B.A. degree while completing the Navy R.O.T.C. program at Columbia University. Upon graduation, he reported directly to the USS Intrepid where he served for two years. While aboard the Intrepid, he was assigned to the Gunnery Department and became a Division Officer. When the Intrepid was underway, he was a Watch Officer on the Navigation Bridge. In port, he stood watches on the Quarterdeck as Officer of the Deck (O.O.D.).

After completing his military service, Roger attended the Middlebury College Foreign Languages Abroad Program and received a M.A. degree. He worked in the office equipment industry for 40 years in various marketing, sales management, product planning and operations assignments with several major manufacturers before retiring at the end of 2002.

 Calling All Volunteers

Volunteers are an integral part of the Intrepid Sea, Air & Space Museum.

While the Intrepid Museum is “on leave”, we are looking for volunteer support. We need dedicated, enthusiastic individuals to work at the Homeport Pier in Staten Island on aircraft restoration and exhibits display over the next 4 months.

Volunteers work either with the public or behind the scenes in our education, exhibits, membership or special events departments. They share their time, abilities, knowledge, and enthusiasm by working with or explaining the museum’s superb collections to the public. This work is greatly appreciated by the museum and is both rewarding and fulfilling to the volunteer. Some of the tasks performed by the volunteers who work with the public include staffing the information and membership desks, acting as explainers in the exhibition halls, conducting guided tours of the museum, and assisting in educational demos and lectures. Volunteers who work behind the scenes make use of their clerical, technical, or research skills. The ship will be returning to Pier 86 in October 2008, and opening to the public on November 8, 2008. Volunteer recruitment will begin over the summer for those who are interested in becoming part of the team.

Intrepid currently has 20 aircraft requiring some level of structural repair and restoration. Needed modifications include: damage removal, repair layout, surface sanding, mechanical repair, and painting. Exhibit display volunteers will assist with historic restoration of ship compartments on the third deck and revamping the exhibit work shop area.

If you are interested in becoming part of the Intrepid volunteer program, please contact Christine Goonan at 212-957-3706 or email volunteer@intrepidmuseum.org. Additional information and a volunteer application is also available at www.intrepidmuseum.org.

Perkins+Will continued from cover

Architecture. Perkins+Will will develop a style guide for the “architectural vocabulary” establishing the overarching look, feel and flow of the museum environment, impacting elements such as the materials, colors, lighting systems throughout the hangar deck and other exhibition levels.

Eva Maddox said, “This is a wonderful opportunity to develop an exciting, educational and memorable world-class museum experience that celebrates the Intrepid’s significant history, highlights the relationship between humanity and technology, and honors the valor of the men and women who have served our nation. We’re looking forward to bringing the Intrepid back with a WOW!”

“We are confident that Perkins+Will’s designs will pay homage to the Intrepid’s historical significance and reinforce our Museum’s reputation as one of New York’s most important cultural institutions,” Zukowsky said.

Visit www.intrepidmuseum.org today.
Education Update

By Sheri Levinsky, Director of Education and Interpretation

Completing a very successful school year, we are thrilled to report our Education Team has visited nearly 13,000 school students in grades K-12 throughout New York City’s five boroughs!

Hands-on history workshops are just one component of the Intrepid Education Team presentation.

While the Intrepid is “on leave,” we have continued to provide student educational programs as a part of our Intrepid Sails traveling workshops and Power of One speaker series.

From hands-on history and science workshops all about life at sea, flight, water and the environment, to hearing from such inspirational speakers as a former Tuskegee Airman, the youngest person and first person of African descent to fly solo around the globe, a U.S. Olympic Fencer, and even the first African-American national hockey league player, our educational programs have excited and motivated students and teachers alike. In the absence of Intrepid, we were fortunate as well to have our Power of One programs hosted by several schools and other cultural venues such as Chelsea Piers, Shea Stadium, New York Historical Society, and the Cradle of Aviation.

While our school programs have been enthusiastically received this past year, we greatly look forward to delivering our programs back on the Intrepid when the museum reopens this fall. Our Education Team is developing exciting tours and workshops that will engage visitors on a journey through our new exhibits, restored aircraft, and newly opened spaces, including berthing areas where the crew slept and the anchor room. New interactive exhibits will complement our program topics that focus on life at sea, water, flight and space, and will be integrated into each visitor experience whether through student tours and workshops, scavenger hunts, or family programs.

But planning for the reopening is not all that our education department is doing this summer! We will also be delivering programs during the months of June, July and August throughout New York City at libraries, community and senior centers, and at the Hudson River Park Trust’s summer camp, Passport to the Hudson.

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At this time, we are excited to announce our summer programs for families with children ages 5-12. Hosted at local libraries and community centers, these programs will be led by members of our Education Team and will highlight our educational themes of life at sea, water and aviation. Each program will culminate with great take-home projects. These new programs are:

- **Code Breakers!** - Decipher and develop secret codes
- **Sea Creatures and More!** - Test water samples from the Hudson River and examine sea creatures from the waters surrounding New York City
- **Trash to Treasure!** - Construct an artistic masterpiece from everyday “trash” to help save our planet and stop pollution
- **Up, Up and Away!** - Make a hot air balloon and learn all about early flight
- **Fast Flyers!** - Build a model plane and learn how planes fly
- **Lost in Space!** - Design and launch a bottle rocket

Check our web site for more information about dates, locations, and how your family can make a reservation.

Questions? Call 212-957-3706.
Time Flies: Intrepid’s Aircraft Restoration Projects

By Eric Boehm, Manager of Aircraft Restoration

The Intrepid’s helicopter collection has grown to seven complete machines with the recent addition of our freshly restored UH-1A Huey and HUP-2 Retriever. Recently, the aircraft were hoisted aboard Intrepid after being shipped back from the Thomarios Company of Akron, Ohio, where they had been restored.

Our Huey is an early “A” model from the first batch built in the late 1950s. In fact, our machine is number 80 of more than 16,000 built. Updated versions of the Huey are still in frontline military service around the world and with the U.S. Marines, although more are utilized for civilian service as fire fighters, search and rescue, and passenger carriers. Our Huey will be displayed on the flight deck alongside the collection’s other Army helicopter, the AH-1J Cobra.

The HUP has been moved inside to the hangar deck as it will be incorporated into the new exhibit design. There it will be part of the historical story of Intrepid’s four decades of active duty service, recognizing the service of this very aircraft aboard Intrepid, flying both the HUP and the newer Sikorsky HRS.

Another project heading off to Thomarios is the Grumman F11F Tiger (designated F-11 after 1962). Our Tiger has some severe corrosion problems that the Thomarios team will need to address aggressively. This aircraft will be returned before the museum’s re-opening in November with a distinctive paint scheme of the U.S. Navy air demonstration team, the Blue Angels! What makes this project exciting is that research has proved that this very aircraft was Blue Angel #5 in the show seasons between 1967 and 1968. These were the final years for the F-11 in Navy service and Blue Angel demonstrations, as they were replaced by the F-4 Phantom for the 1969 show season. The restoration crew has already revealed the distinctive blue and golden yellow paint under the worn gray paint.

For historical reference, a detailed photographic record is being made of each paint layer before repainting her to her former shiny blue glory.
“The F-16 Falcon served with the New York Air National Guard during the first Gulf War and therefore the paint scheme will reflect this era of historical service.”

In-house projects currently moving forward include the repainting of our F-16 Falcon. This aircraft served with the New York Air National Guard during the first Gulf War and therefore the paint scheme will reflect this era of historical service. Our grateful appreciation is extended to the folks at the 174th Fighter Wing in Albany, New York, for their generous assistance in getting the markings applied correctly.

Many thanks for the continued volunteer support from Staten Island. Our regular crew includes Carmine Stoffo, Pete Cea, P.J. Aronica, Dina Ingersoll, and Steve and Carmela Asnis. Without their unselfish contributions, none of this would be possible.

Next up will be our F3D Skyknight. We will be restoring this aircraft using the night fighter markings of Marine squadron VMF(N)-513, which made history while flying combat during the Korean War. There will be more details on this project next time, so stay tuned!
**Bell-Bottoms:** The Sailor’s bell-bottom trousers (pants) were quite a practical item for sailors living aboard Intrepid. Wide and flared legs were easy to roll up when swabbing (cleaning) the deck or maneuvering through doorways. The trousers could also be used as a life preserver by knotting the legs.

**Knee Knocker:** The raised border (coaming) of a watertight door. These coamings are usually a foot or so off the deck. They are called ‘knee knockers’ because they can inflict pain on the shins of crew members new to shipboard life.

**Mayday:** Distress call for seafaring vessels and people in serious trouble out at sea. The term came from anglicizing the French word “m’aidez” which means “help me.”

**Port:** Shipboard term for “left.”

**Starboard:** Shipboard term for “right.”

**Blackbird:** A well-known aircraft that could fly three times the speed of sound and at heights of between 90,000 and 100,000 feet. Blackbirds were used for reconnaissance missions. The Intrepid Museum has one in its aircraft collection.

**Anchor:** Large metal object attached to ships that is thrown into the water and sinks at a specific point to stop a ship and hold it in its location.

**Bridge:** Location from where the ship’s Captain commands and steers the ship.

**Deck:** The levels within a ship.

**Mess:** Location on the ship where the crew ate breakfast, lunch and dinner.

**Galley:** The ship’s kitchen.

**Hull:** The body of a ship.

**Brig:** A prison on a ship or a two masted vessel with rigging on both masts.