Kids Week aboard Intrepid is an exciting winter break adventure that you and your kids will never forget. Come in from the cold and get in on some unforgettable, educational family fun! Each day is packed with excitement and educational activities for kids of all ages. Children learn about space and science through various projects and hands-on activities throughout the week. This year’s participating partners include NASA, Ringling Bros. and Barnum & Bailey Circus, Rosie’s Broadway Kids, Madame Tussauds, Puppetry Arts Theatre, Drum Café, New York professional sports teams and many more!

There is something fun to do every day of the week for every member of your family!

» Special performance by the Ringling Bros. and Barnum & Bailey Circus
» Free raffles and giveaways all week long
» Let your imagination soar with special crafts, educational demonstrations and activities
» Pose with “celebrities” from Madame Tussauds
» Enter for a chance to win a FREE week at Camp Intrepid 2010

Please check our calendar of events at www.intrepidmuseum.org for the most up-to-date information!
Dear Member,

Wishing you a happy and healthy New Year, and hoping the holiday season was enjoyed by all.

Intrepid has had a jam-packed Fall and Winter so far, with many exciting events. In October, the Intrepid was decked out for Halloween with our haunted walk, pumpkin carving and activities all weekend long. In addition, Intrepid proudly hosted the commissioning ceremony of the USS New York on November 7. That same day Intrepid unveiled our very own 9/11 Memorial at the end of our Pier. We held our annual Veterans Day Ceremony on November 11, and NASA weekend, November 20–22, was a great success. November 25 was our annual Gift of Thanksgiving, and with the help of the Department of Homeless Services and our very own Intrepid staff, we welcomed families in transition into the Museum for tours, fun and a Thanksgiving dinner.

December saw the commemoration of Pearl Harbor Day with a ceremony on the 7th, and we were thrilled to open a new exhibition, “Snoopy as the World War I Flying Ace,” on the 14th, exploring the beloved cartoon icon’s connection to Intrepid’s own crew. I hope you had a chance to see this unique exhibit at the special member preview on the 13th. In the spirit of the season, we sent more than 100 boxes of generously donated, necessary items to our troops overseas as part of our first-ever Intrepid Holiday Salute, reminding these brave men and women that though far away, they are in our thoughts.

There is always more in store. On January 16 we opened yet another new exhibition, “Mission to Mars,” which highlights Intrepid’s role in the American space program. Intrepid’s exhibits department is working hard to bring new, temporary exhibitions all year round. Once again, we will be hosting our annual Kids Week, February 13-21, which will be program rich and packed with fun and exciting activities for kids of all ages while they are out of school on midwinter break.

Stay warm and as always, remember to check our web site for the most up to date details on these exciting events and plans for the Spring.

Best Wishes,

Susan Marenoff
Executive Director
Mars Rover and the Flying Ace Touch Down at the Intrepid Museum

Jessica Williams, Curator of History

As we move beyond the first anniversary of our reopening, the Intrepid Museum is committed to presenting new, dynamic exhibitions that educate and inspire our visitors.

Thanks to the tireless efforts of the Museum’s exhibits department, we opened two new temporary exhibitions this winter: “Mission to Mars” and “Snoopy as the World War I Flying Ace.” These exhibitions are on view for only a few months, so be sure to visit soon!

MISSION TO MARS

The Intrepid Museum’s newest temporary exhibition “Mission to Mars” is on display in the Exploreum until June 30, 2010. The Intrepid’s exhibits team partnered with the Jet Propulsion Laboratory in Pasadena, CA, and NASA to bring a full-scale model of a Mars Exploration Rover to the Intrepid Museum. Named Spirit and Opportunity, the Mars rovers are the most recent achievements of the American space program. Launched in 2003, the Mars rovers are solar-powered exploration vehicles that search for evidence of past or current water activity on the planet. Designed for a mission life of only 90 days, both rovers are still active on the Mars surface, having outlived their expected mission goal by nearly six years.

In addition to the rover model, Museum visitors can investigate a timeline of American space exploration. Photographs and video bring to life the exciting history of the American space program from the initial successes of Project Gemini, launched in 1968, through the robotic Mars Science Laboratory, scheduled to launch in 2011. “Mission to Mars” also highlights the contributions of Intrepid and her crew to the early years of the American space program.

SNOOPY AS THE WORLD WAR I FLYING ACE

Our special exhibition gallery has been transformed into a colorful comic-strip world for the traveling exhibition “Snoopy as the World War I Flying Ace,” on display until April 30, 2010. Step through the doghouse entrance and find 29 high-resolution prints of Charles Schulz’s original comic strips featuring Snoopy as a dashing fighter pilot battling the Red Baron in the skies over Europe. The exhibition explores Schulz’s inspirations for the Flying Ace, offering visitors a deeper understanding of the history behind a beloved character.

While Schulz was drawing scenes of Snoopy as the Flying Ace, Intrepid crew members were creating their own original artwork featuring the Peanuts gang. Sailors decorated their living and working spaces by painting cartoon-inspired artwork directly on the ship’s bulkheads and doors. Peanuts characters were popular subjects for this “sailor art.” The Intrepid’s curatorial team assembled a collection of Peanuts-themed sailor art found aboard Intrepid. On display for the first time, these works offer a glimpse into shipboard life during the 1960s and 1970s. An interactive display allows visitors to flip through the Intrepid’s 1961-62 cruise book, which has a Peanuts theme and was created by Intrepid crew members with permission from Charles Schulz himself.

“Mission to Mars” and “Snoopy” are the first of many engaging exhibitions planned for the months and years ahead. Museum visitors can look forward to new temporary exhibitions every few months.

“Mission to Mars” is on view in the Exploreum through June 30.
“Snoopy as the WW I Flying Ace” is on view in the special exhibition gallery through April 30.

Check www.intrepidmuseum.org to learn about special programs associated with “Mars” and “Snoopy.” Look for information on upcoming exhibitions in future issues of the Intrepid Insider or on our web site.

“Snoopy as the World War I Flying Ace” is a Program of ExhibitsUSA, a national division of Mid-America Arts Alliance and The National Endowment for the Arts.
Dear Intrepid Museum Members,

Happy New Year! Thank you for your continued support through these difficult economic times. It is one of the reasons we are able to thrive as a top cultural and educational institution.

As we kick off 2010, there are many ways you can be involved with Intrepid. Many of you already make philanthropic gifts to the Museum. In fact, the success of our year-end giving campaign was driven by our members, outweighing other donor categories by as much as 200 percent! Making a donation is as simple as mailing in an additional check with your renewed membership dues; calling the department of Institutional Advancement, or visiting us online at www.intrepidmuseum.org/makeagift. Your contribution is 100 percent tax deductible and supports our exhibits and education programs.

If you use social networking tools, such as Facebook and Twitter, then you might already know that Intrepid has pages on both of these web sites. If you’re not already a fan of Intrepid on Facebook, please “become a fan” at www.facebook.com/IntrepidMuseum. You can also follow our tweets at www.twitter.com/intrepidmuseum. Our tweets often have coupon codes for our Museum store and links to great pictures of activities going on at the Museum.

This summer, the Museum will again be hosting Camp Intrepid. Perhaps your children or grandchildren have attended camp on the ship, and you’ve heard their exciting stories of adventure. You can sponsor a deserving child’s summer camp experience through the Camp Intrepid Scholarship Fund. If you’d like to learn more about these scholarships, please call 646-381-5272. I’ll be happy to answer your questions.

Thank you, again, for your patronage, philanthropy and patriotism. I hope to see you aboard soon!

Thank you!

Jennifer Becker, Manager of Individual Giving

More to Explore

Membership Update

Winter Events at Intrepid

FEBRUARY 13 – 21
KIDS WEEK
One of our most popular events, Kids Week brings together organizations from around the area to provide fun-filled interactive experiences for kids and families. Partners include: New York professional sports teams, NASA, Ringling Bros. and Barnum & Bailey Circus, Puppetry Arts Theatre and more!

FEBRUARY 15
MISSION TO MARS
MARCH 22 – 26
SOARING TO NEW HEIGHTS
MARCH 29 – APRIL 6
INTREPID THROUGH THE YEARS
Intrepid Museum family members receive a 10% discount on SOSI programs. Please contact Dorothy Klein at 646-381-5166 or dklein@intrepidmuseum.org. See our entire SOSI calendar online at www.intrepidmuseum.org/education.aspx

MARCH 13 – 14
WOMEN IN AVIATION WEEKEND
Celebrate Women’s History Month by recognizing the female contribution to aviation throughout history. Participate in speaking sessions, educational family workshops and more!

MONTHLY FAMILY FUN!
INTREPID INVESTIGATORS
Held on the third Saturday of each month at 11:00 a.m. and 1:30 p.m., you’ll make new friends, tour special parts of the ship and take home projects specially crafted by you! Join us for programs tailored to enhance family discovery. Free for Intrepid Museum members; participants must sign up at least one week in advance. Contact our Education Programs Coordinator at 646-381-5163 or educationprograms@intrepidmuseum.org for more information.

Visit www.intrepidmuseum.org today.
Looking Ahead to Camp Intrepid

Sheri Levinsky, Assistant Vice President of Education

As the winter months glide along with chilly temperatures, our Education team is already looking ahead toward the warmer days of Camp Intrepid and the many exciting programs along the way.

Registration has already begun for Camp Intrepid 2010. We have 10 weeks of summer fun planned from June 14 through August 27, with weekly outdoor excursions and trips, boot camp that includes relay races, tug-of-war and exciting obstacle course challenges. Campers can take behind-the-scenes tours and have opportunities to discover marine life of the Hudson River, become young astronauts, try solar cooking, build rockets and experiment with robotics. Campers ages 6-13 can enroll in one or more weeks and our great Early Bird specials are available through April 1, 2010.

“...As educators, we are always looking for new and exciting ways to engage our visitors and make connections to the science and history behind Intrepid.”

Special Museum member and sibling discounts are also available. To find out more about Camp Intrepid, please contact our education department or visit us during our Open Houses, held from 2:00 p.m. – 4:00 p.m. on the following Sundays: February 14 & 21, March 21, April 18 and May 16.

The opening of the “Snoopy As the World War I Flying Ace” and “Mission to Mars” exhibits provided us with great opportunities to further collaborate with our colleagues in Exhibits to create new, dynamic programs and activities for school groups, families and the visiting public. These temporary exhibits are thematically linked to our education programming for K-12th grade students, our Power of One eminent speaker program, American Sign Language (ASL) tours and weekend educator-led demonstrations.

As educators, we are always looking for new and exciting ways to engage our visitors, and make connections to the science and history behind Intrepid. In particular, we have incorporated more content about Flying Aces, sailor art, modern-day air, space and life at sea! The education team showcases rover-specific artifacts that visitors can touch, including a piece of a solar panel and parachute material.

Over the past few months we have kicked-off a new year for several of our programs. LIFTT (Leadership Institute for Today and Tomorrow) began this past fall with 50 New York City High School Juniors, our Hospital School Program partnership resumed in January at seven sites; and a new pilot program began with Mount Sinai’s Kids Zone TV (KZTV) to include interactive and recorded programs bringing Intrepid history and science into rooms throughout Mount Sinai’s Kravis Children’s Hospital.

Also, thanks to funding from city council members, Intrepid has begun its fifth year of CASA (Cultural After-School Adventures). Through CASA, we are partnered with 11 schools this year, and members of our education team travel to all five of New York City’s boroughs to deliver history- and science-based programming during the after-school hours.

Don’t forget about our SOSI (School’s Out, Ship’s In) programming during Kids Week, February 15 – 19, when students ages 6-13 can join us for a full-day drop-off session during Midwinter Recess! We still have spaces available.

We hope you join us. Visit us on the web at http://www.intrepidmuseum.org/Education/Family Weekend-Programs/Holiday-Programs.aspx for program information, dates and times.

Questions? Call 646-381-5030.
New Year, New Aircraft

Eric Boehm, Aircraft Restoration Manager

Happy New Year! Best wishes to all of our members and families, we hope to see many of you up on the Flight Deck this year. We had a very productive and rewarding 2009, and we are taking that momentum forward into the new year.

Our big project this year is the Grumman F9F-8 Cougar, which I mentioned in the last issue. This aircraft is in extremely poor condition and it was difficult to know where to begin. First, I should offer a little background on this aircraft. It was apparently stricken from Navy records in 1965 and placed in a public park in Wall, N.J., for the next 20 years. The Intrepid Museum saved her from the scrap heap in the mid-80s, disassembled her and brought her to New York City. She has had very little attention since.

I felt completely overwhelmed when I realized how much work would be required to make this 1950s-era fighter into an authentic looking exhibit aircraft. Several airframe components were missing and the cockpit is completely gutted. The entire structure has a fine layer of corrosion on it, and there is severe structural corrosion inside. However, we had some good luck early on that energized my attitude toward this project. First, I located windscreen glass, brand new in the box, on eBay. This was an amazing find. These replacement parts were boxed up in the factory in the late 1950s and found their way to a military surplus dealer in Maryland. I routinely surf the eBay site for airplane parts and this was like finding gold. I had to fabricate the entire metal framework for them, but it was very rewarding to see the final results.

The next good find would come in the form of rubber – as in, new tires. I found a company that recycles old aircraft tires and retreads them for use on agricultural equipment. Amazingly, they routinely stock the proper sizes for the Cougar. They are not flight rated, but they are very inexpensive, making them perfect for our needs. We mounted the new tires and had a company in New Jersey fill them with a two-part flexible foam resin. When cured, the foam gives the impression of an air-filled tire, but it will never go flat. The tires of every aircraft on the Flight Deck will eventually be filled with this material.

With the new windscreens installed it seemed logical to start at the front and work our way back. The next challenging task was the nose cone. This is a two-part assembly with the bottom half being made from aluminum, housing the 20mm gun barrels. The top half was comprised of fiberglass and was completely missing. I made a mold by carving blue insulation foam to the proper profile. I then covered it with several layers of fiberglass cloth and finished it off with a fine coat of resin. Once popped out of the mold, it looked as good as an original.

“Our big project this year is the Grumman F9F-8 Cougar . . . The Intrepid Museum saved her from the scrap heap . . .”
Our Cougar in the restoration tent today.

“The navigation, beacon and landing lights are all glowing. This really brings the aircraft to life and adds realism and authenticity to them, making them more than just static museum artifacts.”

We then began work on the back of the plane, grinding out corrosion and patching holes. The entire surface of the skin had a fine layer of corrosion on it, which was the result of my well-meaning predecessors who stripped all the paint off of the airframe. I’m sure they intended to continue with the project but plans must have been altered as the airframe sat outside in the elements for almost 15 years without any protection on the surface.

As we move along section by section, we sand out the corrosion and cover the pristine aluminum with an anti-corrosive primer. You can see in the accompanying photographs the areas that are completed are primed in green zinc-oxide.

Volunteer Dina Ingersoll has been working many hours on this project, even after it turned cold outside. Dina, my star apprentice, has picked up the sheet metal fabrication and riveting skills very quickly. To date, she has repaired more than 20 holes in the airframe!

I’ll tell you more about the history of the type of aircraft, and this specific one in particular, in an upcoming newsletter, which includes some “kids” I found that played (and punched holes) on this airplane when it was in the park back in the 60s.

In other aircraft restoration news, my partner in crime Kevin Banat has been running wires and installing low-voltage LED lights in the aircraft in the Hangar Bay. The HUP-2 Retriever was his first project. The navigation, beacon and landing lights are all glowing. This really brings the aircraft to life and adds realism and authenticity to them, making them more than just static museum artifacts. The process was a bit more difficult on the Avenger, as Kevin had to snake new wires through the tail and wings and place the main components and a timer mechanism in the fuselage. The results are fantastic and he is currently working on the FJ-3 Fury, which is even more challenging than the Avenger.

As always, I value your ideas and feedback. Please feel free to contact me anytime at eboehm@intrepidmuseum.org or 646-381-5237. Let me know what you think, or if you have a good idea or question. Once again, I want to extend an invitation – the next time you’re onboard and you see me in the tent working, please announce yourself as a Member and get the inside scoop on our current projects.
Fall/Winter Museum Hours:
Tuesday – Sunday: 10:00 am – 5:00 pm
Closed Mondays
For more information and directions, call 1-877-957-SHIP or visit our web site at www.intrepidmuseum.org

**INTERACTIVITIES**

Guide the spacecraft on its journey around the sun, planets, moons and comets. Then come visit the “Mission to Mars” exhibit at the Intrepid, now open!

**SCUTTLEBUTT**

Q: The Mars Rover needs certain instruments and tools to perform geological tests on Mars. Did you know there is a RAT aboard each rover? What is the purpose of the RAT, and what does RAT stand for?

Enter to win an Intrepid Museum tote bag by sending your answer to membership@intrepidmuseum.org or by mail to:
Intrepid Sea, Air and Space Museum: Membership Department/Scuttlebutt
12th Ave. and 46th St., New York, NY 10036

Include your name, address, telephone number and email address with your answer. One winner will be notified. All answers must be received by March 5, 2010, at 9:00 a.m. EST.

**Exclusive Offer for Intrepid Museum Members.**

Bring the family for a fun day of skiing and riding at New Jersey’s only semi-private family friendly ski resort.

Hidden Valley Club is extending Intrepid Members three exclusive offers:
- Buy 3 lift tickets get the 4th FREE!
- Purchase your 09/10 Open Access Pass now for $199.

For information about lift tickets, memberships, lessons, programs and more, visit www.thehiddenvalleyclub.com or call 973-764-4200.