

Our Mission: To interpret aviation, particularly that related to New York State, with exhibits and programs that educate, entertain and excite the public

Volume 32, Issue 1

Spring 2023

ESAM HOSTS NATIONAL VIETNAM WAR VETERAN'S DAY RECOGNITION CEREMONY

National Vietnam War Veterans Day, which marked the day in 1973 when the last remaining U.S. troops left Vietnam, was celebrated on Wednesday, March 29th.

Local organizations came together to honor those who have served during the Vietnam War. A ceremony was held at the Empire State Aerosciences Museum at the Schenectady County Airport.

At 1:00 pm, the **Schenectady Chapter of the Daughters of the American Revolution** presented Vietnam veterans and surviving spouses with lapel pins as a way of recognizing their service in support of a grateful nation. Light refreshments were served.

Museum admission was free for all veterans, and the museum provided tours of Vietnam-era aircraft and open cockpits in the museum's OH-6A and UH-1M helicopters.



Vietnam Veterans pose for a photograph after receiving recognition at ESAM's National Vietnam War Veteran's Day Recognition Ceremony

Dear friends and supporters of Empire State Aerosciences Museum (ESAM),

Greetings to all.

This year looks very promising for events at ESAM. We will be expanding National Aviation week events, expanded tours of Hercules C130 74-2065 and including our first "Birthday Party" to be offered in that aircraft. This summer some much needed building improvements will be happening as we bring our Historic 1945 building number 1, to a higher standard of energy conservation.

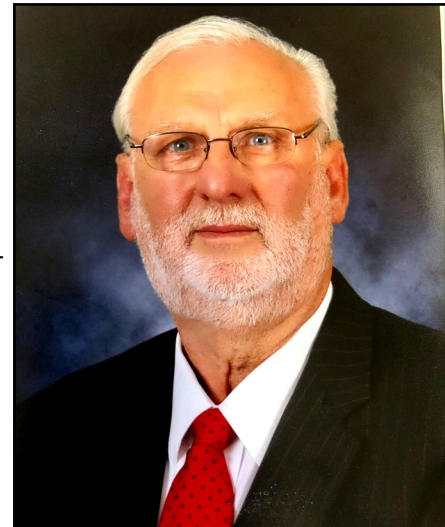
I am very encouraged that our educational programs continue to grow. There are many more young people getting interested in Aviation. This year we will expand flight simulator programs as a way to keep the interest of our youth. They are so realistic today and offer excellent training. We will be looking for more teaching staff to aid in this challenge.

We are planning another bus trip this fall for members to consider participating , to New England Air Museum.

Please help share ESAM events on social media

Thank you, for being a member and would love input from the membership and new ideas on how to improve this Museum.

Daniel P Wilson, President



Dan Wilson



ESAM's Concorde lit up at Night

AeroNotes

Published quarterly by the
**Empire State
 Aerosciences Museum**
 250 Rudy Chase Drive
 Glenville, NY 12302
Phone: 518 377-2191
Fax: 518 377-1959
 E-mail: esam.office@gmail.com
 Web site: www.esam.org

Editor
 Lawrence McArthur

ESAM is a registered
 charitable organization
 chartered by the N.Y.S.
 Department of Education

President
 Daniel P. Wilson

First Vice President
 Rich Bievenue

Second Vice President
 Michael Collins

Secretary
 vacant

COO/Treasurer
 Joyce Newkirk

Trustees
 Steve Borbee
 Timothy Burke
 Gary B. Davis
 Alfonso DiBlasio
 Gary Gershon
 John Kolwaite
 Frederic Lee
 Raymond Legere
 Ryan Macherone
 Chester "Bud" Matthews
 Kevin Millington
 John Panoski
 Ralph Rosenthal
 Peter V. Russo, Sr.

BECOMING A YOUNG AVIATOR PROGRAM TO RUN IN THE SUMMER

In conjunction with **SUNY Schenectady County Community College**, ESAM will again be running its **Becoming A Young Aviator Program** in August 2023. Here are the specifics:

CRN# 60340 **August 8 – August 11** **8:30 a.m.-12 p.m.**
CFP 337-01 **Tuesday–Friday** **Fee: \$200**

Instructor: Empire State Aerosciences Museum
This course will be taught at the Empire State Aerosciences Museum, located at 250 Rudy Chase Dr., Glenville, NY 12302.

Students, **ages 10-17**, will spend the week at the Empire State Aerosciences Museum, located at the Schenectady County Airport in Glenville, learning about aviation and what real pilots do on the ground and in the air. In this hands-on class, students will learn about the history of aviation and aircraft design, the forces of flight – how airplanes fly (thrust, lift, drag and flight control), learn about the different parts of a plane, learn about specific aircraft in the museum collection, and a variety of other aviation topics. Students will also have an opportunity to interact with guest speakers and have a guided tour of the museum's incredible exhibits and airpark, which features more than 20 historic military aircraft. Students will be able to get into the cockpits of some of these legendary fighter and attack aircraft. **Students will also have the opportunity to work with the Experimental Aircraft Association (EAA) Chapter 602 to become Junior EAA members, which includes a half-hour flight.** Registration will be handled by SUNY Schenectady County Community College at <https://sunysccc.edu/About-Us/Workforce-Development-and-Community-Education/WFD-CE-Course-Registration/WFD-CE-Course-Registration-Form.html>.

ESAM OPEN HOUSE AND VOLUNTEER RECRUITMENT FAIR SATURDAY MAY 6TH

ESAM will host an Open House and Volunteer Fair on May 6th including:

- 1) Free admission for all
- 2) Guided tours will be available
- 3) Staff will be on hand to speak with prospective new volunteers about different volunteer opportunities at ESAM
- 4) Special tour inside the museum's C-130 (part of Operation Credible Sport)

Here is a list of the volunteer opportunities at ESAM:

Building/Grounds
Curatorial & Acquisitions
Education
Exhibits
Finance
Fundraising
Nominating
Office Support
Reference/Resource Center
Restoration

ESAM HAS BEEN ACCEPTED INTO THE AMERICAN ALLIANCE OF MUSEUMS MUSEUM ASSESSMENT PROGRAM

The Empire State Aerosciences Museum is pleased to announce that it has been accepted into the **American Alliance of Museums** Museum Assessment Program. ESAM has set the following three organizational goals for the assessment, which will take place over the next year.



Goal 1 - The Empire State Aerosciences Museum (hereafter referred to as ESAM) currently has two part-time staff on payroll. One collects admissions, the other manages the office.

Assessing the nature of expanding staff resources is needed and critical to the museum's growth – i.e. executive director, events coordinator, educational programming director. Professional advice is needed in this area to determine; 1) what staffing options would most benefit the museum, 2) the order in which they should be considered, and 3) best practices for onboarding the right people for these positions.

Goal 2 - ESAM is in a facility that was built in 1946, and in need of various physical improvements, most important of which is a complete roof replacement. The development of a funding strategy revolving around a corporate donation program is seen as key to achieving the funding necessary to make these capital improvements. As such, development of a corporate donation program with the business community is an important component of this MAP application.

Goal 3 – Develop a plan to implement the expansion of the education/outreach component of the museum's mission. ESAM has a lifetime charter with the New York State Education Department, with a mission to "educate, excite, and entertain the public" with aviation related programs. Collaborating with local universities, and primary and secondary schools, ESAM continues to captivate both young and old with the history and science of flight. The growth of the museum, and ability to carry out its mission is dependent upon these programs.

Thanks to **Board Vice President Rich Bievenue** for coordinating the application for this assessment.

The American Alliance of Museums (AAM) is the only organization representing the entire scope of the museum community. Since 1906, AAM has been championing museums through advocacy and providing museum professionals with the resources, knowledge, inspiration, and connections they need to move the field forward. AAM recently selected a new cohort of museums, including ESAM, to participate in its 2023 Museum Assessment Program. To participate in the Program, museums choose from one of five institutional assessment types: Organizational, Collections Stewardship, Education & Interpretation, Community & Audience Engagement, or Board Leadership. All five assessment types are grounded in AAM's Core Standards; include Diversity, Equity, Access, and Inclusion (DEAI) issues as they relate to the assessment focus; help museums look at both functional and strategic aspects of their operations, and present focused learning modules and action plans for the museum to progress through; and include a peer-reviewed site visit. The benefits of participating in MAP are clear. Museums often gain clarity on an institutional roadmap or strategic plan, see positive impacts to their visitor experience or community response to their museum, grow in their ability to identify their strengths and challenges, or gain valuable assistance with updating museum policy, successes in fundraising, and other benefits. MAP is supported through a cooperative agreement between the Institute of Museum and Library Services and the American Alliance of Museums.

THE UNITED STATES AIR FORCE—AN OVERVIEW OF CURRENT AFFAIRS

by Kevin Millington

The US Air Force is firmly established as the most capable and powerful air arm in the world. With an annual budget of \$170 billion and 500,000 military and civilian personnel, the Air Force operates a fleet of about 5,400 aircraft. While new, high performance advanced planes such as the F-35 *Lightning* and F-22 *Raptor* receive so much notoriety, much of the fleet is comprised of substantially older aircraft, and the average age is 30 years, with some types being over 60 years old! The following is an overview of aircraft types currently in service, which represent the core missions of the Air Force.

Fighter and attack aircraft

The most numerous type of aircraft in service are multi-role fighter and attack planes, which perform air supremacy, ground attack, and close support missions. The most numerous type in the inventory is the F-16 *Viper*, with about 1,000 in service, and introduced in 1980. Considered the premier multi-role fighter in the world, the last one was delivered in 2005, and the average age of the fleet is 30 years. For air supremacy, the F-15 *Eagle* has been the dominant fighter for over 40 years, however, the 400 remaining in service are rapidly nearing the end of their structural life, forcing their retirement at a faster rate than replacement F-35s can be procured. As a result, the Air Force wisely decided to put the F-15 back in production, and is expected to purchase up to 200 new F-15EX fighters. For all-weather strike, the Air Force has used the two-seat F-15E *Strike Eagle* for the past 30 years, and with upgrades, is expected to remain in service for years to come. As the newest kid on the block, the F-35 is anticipated to be the dominant fighter in the inventory for many years to come. About 320 of this 5th generation, multi-role fighter are in service, and the Air Force expects to procure over 1,200. Another advanced 5th generation fighter in service is the F-22 *Raptor*, the most capable air supremacy fighter in the world. Although originally expected to replace the F-15 *Eagle*, the Air Force procured only 187 due to the extraordinary cost.

With respect to close air support, the Air Force has been debating for several years what type of new aircraft to procure and retire the A-10 *Warthog* in this role. The A-10 is acknowledged as the finest close air support plane ever, and has been in service since the late 1970's. Currently, 280 remain in service, and while this debate goes on, the Air Force undertook updates to the fleet, and the A-10 is now anticipated to remain in service for at least the next 10 years.

Global strike

A fleet of 160 heavy bombers are currently in service – 75 B-52s, 65 B-1B *Lancers*, and 20 B-2 *Spirits*. Introduced into service in 1957, the B-52 is the longest serving, and greatest, combat aircraft in history. The last B-52 was delivered in 1962, so the fleet is now over 60 years old, and with upgrades underway, it will remain in service until 2050 for an unbelievable 90 years of service! Key to this longevity is its ability to incorporate new avionics and weaponry. Meanwhile, the Air Force will bring the new B-21 *Raider* into service in about five years. It is expected that the Air Force will purchase 100, and it reportedly closely resembles the B-2 *Spirit*, and will replace the B-2 and B-1B as the Air Force's Silver Bullett.

In addition, the Air Force maintains a fleet of 450 *Minuteman* inter-continental ballistic missiles for nuclear strike.

Airlift

The Air Force operates several different aircraft types for rapid mobility and aerial refueling. For tactical, in-theater airlift, the long serving C-130 *Hercules* reigns supreme. In production and service since 1957, the C-130 is virtually the perfect plane, and should remain in service for the next 50 years. Active duty Air Force squadrons now operate the new C-130J, while reserve units operate a mix of J and H models. For strategic airlift, the Air Force has 50 C-5M *Galaxies* and 180 C-17 *Globemasters* in service.

For aerial refueling, the Air Force has relied on the KC-135 *Stratotanker* for the past 65 years, and has failed to procure a replacement. The new KC-46 *Pegasus* has been in production for

Continued on Page 6

Continued from Page 5

the past few years, but chronic technical problems have delayed its entry into service. As a result, the KC-135, like the B-52, remains a key asset.

Intelligence/Surveillance/Reconnaissance

The Air Force operates a variety of intelligence, surveillance, and reconnaissance aircraft, with the majority being legacy types in service since the 1960s, but maintained with excellent capability through ongoing upgrades. Photo reconnaissance is still the purview of the U-2 *Dragon Lady*, in service since the 1950s. Electronic and communications intelligence is performed by the long serving RC-135, with about 25 in service. These 60 year old planes are continually upgraded, and they remain one of the Air Force's most valuable assets. The E-3 *Sentry* Airborne Warning and Control and the E-8 *Joint STARS* aircraft, both based on the C-135 design, have likewise had long careers, and the Air Force is planning on newer replacement aircraft within the next few years.

Special Operations

Air Force Special Operations Command operates a fleet of about 200 aircraft optimized for covert infiltration and exfiltration, most based on the C-130 design. Over the past decade AFSOC has recapitalized its fleet with new MC-130 *Commandos*, HC-130 *Combat Kings*, AC-130 *Ghostriders*, and the tilt rotor CV-22 *Osprey*.

Training

The Air Force is currently recapitalizing its training fleet. About 20 years ago, the Air Force began receiving 450 T-6 *Texans* as its primary trainer. For advanced training, the Air Force has used the T-38 *Talon* for over 60 years, and the fleet now averages over 50 years. A new aircraft, the T-7 *Red Tail* is about to enter service as a replacement, but it is likely the T-38 will remain in service as an adversary trainer.

In conclusion, the Air Force is a curious blend of new and old aircraft, kept current through ongoing upgrades, and remains the most dominant air arm in the world.



ESAM's A-10

OUR VOLUNTEERS

IN MEMORIAM, MARVIN WEISS

The Empire State Aerosciences Museum is saddened to report the passing of **ESAM Trustee Secretary Marvin Weiss** on Wednesday, March 15, 2023, after a one year's battle with stomach and liver cancer.

Marv was born on March 2, 1944, in Stoneham, Massachusetts. He grew up on the family farm and graduated from Stoneham High School in 1961. Marv married Vera Jones in July 1969 and they have been inseparable ever since. Both Marv & Vera have travelled extensively and have visited all the states in the USA as well as 54 countries and all seven continents.

Marv received his degree in mechanical engineering from Northeastern University (1967). He also earned his Master's in Environmental Engineering (1978) and MBA (1990) from RPI.



Marv Weiss

After receiving his engineering degree, he worked for Pratt & Whitney Aircraft in East Hartford, Connecticut as an experimental test engineer working in acoustics research. In 1971, he was recruited by General Electric's Gas Turbine Department in Schenectady, NY. During his 30-year career with GE, he worked in engineering development, design, requisitions, and applications engineering. He also was a manager of turbine proposals. One of his assignments at GE was to provide engineering and business development at GE's Moscow, Russia office. He recruited and trained local staff as well as introducing Russian customers to the latest power plant technology. He subsequently provided critical engineering support resulting in critical sales. He retired from GE as Manager of Global Field Applications Engineering in 2001.

Since his retirement he was active with Empire State Aerosciences Museum (Board of Trustees) and Civil Air Patrol (CAP). As a proud volunteer at CAP, Major Marv served in all flight positions including photographer, mission pilot, transport pilot as well as trainer. He was Schenectady Squadron's education officer for five years teaching cadets aerospace, model rocketry and astronomy. He also served as their finance officer for fifteen years keeping the books balanced against the headwinds of government changes.

During his duties as Secretary for ESAM's Board of Trustees, he was part of their Executive Committee and instrumental for bringing the Concord to the museum - now a landmark for the Capital District.

Marv's hobbies included ice hockey referee (33 years), kayaking, astronomy, flying (private pilot), travelling, downhill skiing, geocaching, SCUBA/ snorkeling, computers, and the outdoors.

ESAM is pleased that Marv indicated that donations can be made in his memory to the Empire State Aerosciences Museum, 250 Rudy Chase Dr., Scotia, NY 12302., and thanks the following people for their donations in Marv's memory:

Dennis James & Carol Ann Brewster	Mr. David M. Coppola, DDS	John M. Corcoran
Elaine & Fred Decker	Sheryl & Fonz DiBlasio	Cheryl & George Gottwald
Ms. Susan B. Grey	Ms. Maryann F. Haskell	Ms. Lucy A. Healey
Frederick & Catherine Kasparian	Jim & Sue Levesque	Ms. Eileen F. Nemerowski
Mrs. Joyce Newkirk	Ms. Gail Ostrander	Mr. & Mrs. Louie Powell
Ms. Carol E. Sagro	Ms. Maureen A. Sauter	John & Eileen Sowa
Daniel & Rosemary Stedman	Mr. Stephen Trudell	Ms. Donna M. Weiss
Bruce & Barbara Wurz		

BOY SCOUT PROJECT PROVIDES NEW SIGNS FOR THE AIR PARK

New signs for the Air Park have been completed. Most of them have been mounted on the pedestals in front of the aircraft already. Those for the aircraft engines, the Duster, and the LC-130 main ski will be mounted by Spring, 2023. The signs were fabricated by **One Day Signs in Waterford**. The total cost for the project was \$600, paid for entirely by two Boy Scout car washes held in the ESAM parking lot.

Special thanks and congratulations go to **Ben Lala** from **Boy Scout Troop 4006**, from **St. Georges Episcopal Church of Clifton Park, NY**. Guided by ESAM's restoration group supervisor **Rich Bieve-nue**, Ben elected to replace all the interpretive signs for the aircraft in the Air Park for his Eagle Scout project. The project required:

- Converting all the original sign text into digital pdf format,
- Researching and creating sign text for several new additions to the Air Park, including Pratt & Whitney aircraft engines and an LC-130 main ski,
- Organizing two car washes in ESAM's parking lot to raise money for the purchase of the signs,
- Obtaining quotes from three different sign vendors, and
- Installation of the completed signs.

ESAM congratulates Ben on his very successful completion of this project, and extend thanks to him and his fellow Scouts for all of their hard work. Ben will receive his Eagle Scout award later this year.



Ben Lala (second from left) and fellow Scouts present a new interpretive sign for ESAM's North American T-2 Buckeye

IN MEMORIAM, PAUL HERMAN COCKERHAM



On the anniversary of the Pearl Harbor attack, World War II Navy veteran **Paul H. Cockerham** passed away peacefully at Brian Rehab Center in Durham, North Carolina with two of his daughters holding his hands.

Paul was born in a log cabin in Greenbrier County, West Virginia on June 29, 1923.

After service as a ship's radioman in the Pacific, he earned an Electrical Engineering degree at Akron University.

Paul married Barbara Elaine Patton on December 20, 1953 and was the dedicated father of five.

His work at General Electric brought him to Schenectady in 1967. Later he worked as a Specifications Writer for the New York State Office of General Services. In retirement he volunteered for the Empire State Aerosciences Museum and the Friends of the Schenectady County Library.

Paul kindly designated the Empire State Aerosciences Museum as a recipient of donations in his memory.

ESAM'S OLDEST SCHENECTADY COUNTY AIRPORT ARTIFACTS ARE RESTORED

Thanks to **Fonz DiBlasio, ESAM Trustee and member of the Restoration Crew**, ESAM's oldest artifacts from the Schenectady County Airport have been restored. The artifacts are a wind vane and an anemometer which sat atop Haven Hangar, sometime after 1927. A note with the measuring devices say to return to Willard VanWoermer if not used.



Historic Schenectady County Airport Anemometer (left) and windvane (right)

ESAM'S RESEARCH CENTER HOLDS WORLD WAR II MEMORABILIA

Here's an example of an item in ESAM's Research Center collection. It is a photo of a World War II airplane manufacturing plant. The photo is in ESAM's Research Center. The caption says "WING DEPARTMENT - now employee girls to do such work as sewing and taping wings, covering and patching ailerons," The war brought a lot of changes!



MEMORIAL DONATIONS FOR BOB NEWKIRK

The Empire State Aerosciences Museum is grateful for donations to the **Robert Newkirk Memorial Fund** from the following people:

Patricia Barrot	Mardy Moore
Richard Bievenue	Joyce Newkirk
Jean Cramer	William Siudy
Larry & Dorie McArthur	Robert Vore

RECENT ACQUISITIONS

- **Charles Cusano** donated seven photographs taken in Jacksonville, Florida circa 1953 by **John C. Cusano**, the donor's father, of various US Navy aircraft and maintenance crews at work.
- **John Eaton** donated framed paintings of ESAM's Concorde and an F-4E Phantom.
- **Ronald Schimpf** donated three 8 x 10 photos of Harriers
- **James McMahon** donated 180 aviation-related books, four boxes of prints, and various aviation equipment including a GPS, headset, antenna, bomb release, Loran, vacuum pumps, relay, sextant, Lear transceiver and Norden bombsight.
- **Thomas Thalmann** donated a framed photo of Seawolf helicopters aboard an LST in Vietnam.
- **Alan Bartlett** donated a B-24D Flight Manual owned and used by **Lt. D. F. Bartlett** circa World War II, and an Aircraft Arrival Report for B-24 #41068 on 8/24/1944 at Big Spring Army Air Field, Big Spring, Texas.
- **Duane Leach** of **All Season's Equipment** donated a SCAG Power Equipment, Turf Tiger II riding mower.
- **Sharon Jarvis** donated a Fisher Koala airplane along with miscellaneous documents related to the aircraft.

OUR VOLUNTEERS

ESAM HOLDS BIG BREAKFAST ON JANUARY 21ST

Saturday, January 21, saw ESAM holding one of its biggest Fly-In Breakfasts ever. A main attraction was the speaker for the day, **Alan Maddaus**. Alan is the author of **Wright Peak Elegy: A Story of Cold War, Nuclear Deterrence, and Ultimate Sacrifice**. Beginning with WW II Allied raids on Nazi Germany, the story continues with the onset of the Cold War, development of the jet-engine bomber, the US strategy of nuclear deterrence, and the ultimate sacrifice by some crews of the USAF B-47 Fleet-the high price of preserving the peace.

The book tells the story of a US Air Force B-47 jet bomber that crashed into Wright Peak in New York's Adirondack Mountains in January 1962. The plane, bound for the then Plattsburgh Air Force Base, apparently veered about 30 miles off course due to inclement weather and high winds, and ventured into the Adirondack High Peaks. A faulty altimeter may have been one of the causes of the tragic crash near the summit of Wright Peak. All four crew members died and searchers never located the remains of one of them.

The B-47 jet bomber was built to be a threat to the Soviet Union and deter its expansion plans in the years after the Second World War. Ten percent of the B-47 fleet crashed leading to hundreds of deaths. The B-47 was ultimately replaced by the B-52.



A packed house at ESAM's January 21st Fly-In Breakfast

ESAM RESTORATION CREW DONATE DONUT FUND MONEY TO ESAM

The **Restoration Crew** like their donuts! They like them so much that they accumulated \$1,388.56 in their Donut Fund which they have donated to the museum for educational programs. Their donation is very much appreciated.

OUR SUPPORTERS

**ESAM THANKS THE FOLLOWING PEOPLE AND ORGANIZATIONS
WHO HAVE ESTABLISHED OR RENEWED THEIR MUSEUM MEMBERSHIPS**

	Friends of ESAM	
Mr. Raymond Davis	Bud & Katie Matthews	Marvin & Vera Weiss
Mr. & Mrs. Maurice York		
	Galaxy Club	
	Mr. & Mrs. Edward Barili	
	VIP Sustaining	
Ms. Carol Borthwick	Mr. Timothy Burke	Mrs. Joyce Newkirk
Mr. & Mrs. Robert Vore	Mr. Daniel P. Wilson	
	VIP Supporting	
Mr. Thomas Koehler	Yelena Leszcynsky	Stan & Tess Stoklosa
Mr. Christopher Trow		
	VIP Contributing	
Mr. Robert Duncan	Mr. John Fog	Mr. Jeffrey Gorss
James & Judith Howard	Paul & Carol Quantock	Mr. Mark Shalonis
	Library	
Bethlehem Public Library	Cohoes Public Library	Round Lake Library
Valley Falls Free Library		
	Family	
Mr. Jordan Alburger	Mr. Luis Belman	Ms. Diane Bengtson-Kilbourn
Mr. Anthony Bertino	Mr. Richard Bievenue	Mr. Thomas Brant
Mr. Robert Caracciolo	Mr. John Carboni	Mr. Andrew Chang
Ms. Krystal Cheeley	Mr. Robert Comtois	Mr. Michael Conigliaro
Ms. Melanie Corlew	Ms. Lindsay Crusan-Muse	Mr. Daniel Cullen
Mr. Russell Davignon	Michael DePetrillo, Jr	Mr. Thomas DiMezza
Mr. Gabe Disarro	Mr. William Donner	Ms. Farah Douglas
Mr. Wells Farr	Ms. Tiffany Ferguson	Mr. James Feuerbach
Mr. Donald Ferlazzo	Ms. Jen Freer	Mr. Jason Garcia
Ms. Katie Garibaldi	Mr. Dave Garner	Ms. Colleen Gizzi
Ms. Diana Ham	Ms. Jessie Han	Mr. Douglas Hexel
Mr. Joseph Holt	Ms. Emily Horstman	Ms. Yubo Hou
Mr. Steven Jacobs	Mr. Richard Koonz	Mr. Michael Lape
Mr. Mickey Lavicska	Mr. Marcus Lawrence	Ms. Sarah Little
Mr. Colin Lowry	Mr. Jeremy Lyon	Ms. Jeanette May
Varvara Meshkov	Ms. Erica Meyer	Mr. Robert Montgomery
Mr. Chauncey Mosher	Ms. Lexi North	Mr. Alan Overend
		Continued on Page 13

Continued from Page 12		
Mr. Chauncey Mosher	Ms. Lexi North	Mr. Alan Overend
Mr. Matthew Paniccia	Mr. Walter Pfuntner, Jr.	Mr. Stephen Priebe
Mr. Mark Reynders	Mr. Richard Ricciardi	Mr. Mark Roberts
Mr. Richard Rowley	Mr. & Mrs. James Salvino	Amaury Tanon Santos
Mr. Shawn Schneider	Ms. Andrea Simmons	Mr. Scott Simonson
Ms. Margaret Singh	Mr. Donald Smith	Mr. Ryan Smith
Mr. Scott Smith	Mr. Robert Snyder	Mr. Steven Tedder
Mr. Matthew Unger	Mr. James Uram	Mr. Matthew Van de Bagua
Weidman Family	Mr. Patrick Williams	Ms. Silvana Wright
	Individual	
Mr. Matthew Moore	Mr. Paul Toscano	
	Senior	
Mr. Lou Bach	Mr. Richard Bingham	Mr. Richard Connery
Mr. Tim Connery	Mr. Dennis Cusano	Mr. Gary W. Dansfield
Mr. Joseph DeSimone	Ms. Loretta Gillen	Mr. Joseph Gorman
Mr. Gary L. Jones	Mr. Larry Lewis	Mr. Alan Maddaus
Mr. David Nash	Mr. James Pabis	Mr. Patrick Piccirilli
Ms. Ronnie Quinn	Mr. Harry Redgrave	Mr. Anthony Russo
Mr. Paul Scholz		
	Student	
Mr. Yanni Arazi	Venkata Cherupalli	
ANNUAL APPEAL		
The Empire State Aerosciences Museum's Annual Appeal raised \$11,965. The museum sincerely thanks the following people and organizations that donated to the Appeal.		
	ANNUAL APPEAL	
Ms. Sarah J. Adams	All Seasons Equipment	Anthony & Patricia Bertino
Mr. Richard R. Bingham	Mrs. Carol Borthwick	Mr. Larry Britt
Mr. Robert Brucker	Mr. Michael Cole	Mr. James Conlon
Robert & Anita Comtois	Mr. Ray Davis	Cheryl Cummings & A. DiBlasio
Mr. William Garvey	Mr. David Greenwood	Mr. Dan Grygas
Mr. Richard F. Gullott	Mr. Frank Hackert	Mr. John Hackert
Arthur Harvey & J. Berman	Judith & James Howard	Mr. Gary L. Jones
Mr. Larry Lewis	Mr. & Mrs. Michael Lotano	Chester (Bud) & Katie Matthews
Larry & Dorie McArthur	Mr. Kevin Millington	Mrs. Mardy Moore
Mr. Richard Murphy	1st National Bank of Scotia	Mrs. Joyce Newkirk
Mr. James J. Pabis	Mr. Robert Pollack	Mr. Neil Quantock
Paul & Carol Quantock	Mr. Peter V. Russo, Sr.	Stephen & Sherri Ruggles
Mr. Paul W. Scholt	Mr. Kirk E. Vanderbogart	Mr. James Uram
Mr. Robert Vore	Mr. Martin Waite	Marvin & Vera Weiss
Cynthia & Charles Weissend	Mr. & Mrs. Maurice York	

The Empire State
Aerosciences Museum is
supported in part by:

Business Benefactors

All Seasons Equipment
AYCO/Goldman Sachs
ALMAC Capital Corp
BBL
Charles White
Curtis Lumber Co., Inc.
1st National Bank of Scotia
Global Foundries
Golub Foundation
Hannay Reels
LoDolce Machine Company

Business Patrons

Capitaland Motors
Richmor Aviation
Zonta Club of Schenectady

Business Supporters

Jessica Berman, MD
Civil Air Patrol
Hannaford
Hildt Aviation Bennington
Price Chopper
Russo Entertainment
Schenectady County
Community College
United Welding
Wal-Mart

Friends of ESAM

The Agneta Family
The Family of Carl Battaglia*
Carol Borthwick
Sanjay Correa
Raymond Davis
Dr. Nancy Fitzroy
The Family of Roger Hannay
Chester & Ann Matthews*
Chester (Bud) & Katie
Matthews
Sean and Beth McCullough
Kevin Millington
David Montana
Mrs. Charles (Mardy) Moore*
Mrs. Robert Newkirk
Mr. Ralph Rosenthal
Mrs. Marvin Weiss
Mr. & Mrs. Maurice York

Galaxy Club Members

Edward & Roberta Barili
Frank Hackert
John Hackert
James LaDolce
James Liguori
John Panoski
Maureen Sauter
Howard Schlossberg &
Michelle Ostrelich
The Family of Jansz Vander Veer*

*ESAM Charter Member

ARTWORK IS ON DISPLAY IN ESAM'S GREEN ROOM

Six pieces of art from ESAM's collection have been hung in the second floor meeting room in the administrative spaces. The art work includes a print of Charles Lindbergh and the Spirit of St Louis, an FB-111 undergoing a preflight inspection, a flight of four F-16s, a photo of the 2002 Blue Angels Team that was presented to ESAM, and the painting of a SR-71 shown below.

Thanks to **Larry McArthur** for hanging the artwork, which had been in storage.



**Painting of an SR-71 by R. David
now on display in ESAM's Green Room.**

LETTERS, POSTS AND EMAILS LIKE THESE WE LIKE TO RECEIVE

Email received March 10, 2023

Hi Pat:

Thank you, Kevin and all the wonderful volunteers so much for providing an absolute amazing field trip for our LEAH Schenectady Homeschool group. The children had such a wonderful time exploring all the aircraft. What a thrill to have them climbing up into the cockpit of the cargo plane and the additional planes in the air park.

They had some great questions for Kevin and his crew and learned so much. Even us parents and grandparents walked away with some new knowledge.

Again thanks so much and please extend our sincerest gratitude to all the wonderful volunteers.

Sincerely,
Pam Tobin

Facebook post by Mary-Lou Epner

This is such an amazing place!!

Five Star Rating on Google by Michael Glenn

I've lived nearby all my life and never visited. I'm glad I finally did. A great presentation of NYS aeroscience history.

ESAM Membership Application

Please check one: NEW MEMBERSHIP _____ RENEWAL _____

ANNUAL DUES:

INDIVIDUAL/FAMILY

_____ Senior Citizen \$35
 _____ Student \$35
 _____ Individual \$45
 _____ Family \$60

VIP:

_____ Contributing \$80
 _____ Supporting \$135
 _____ Sustaining \$285
 _____ Galaxy Club \$500
 _____ Friend of ESAM \$1,000

BUSINESS

_____ Supporter \$285
 _____ Patron \$500
 _____ Benefactor \$1,000
 _____ Not for Profit/School/Library \$60
 _____ Small Business \$100

Name _____
Address _____
City _____ **State** _____ **Zip** _____
Phone: Home (____) _____
Work (____) _____
E-mail address _____

Please make your check payable to ESAM

**Mail to ESAM, 250 Rudy Chase Drive,
Glenville, NY 12302**

If your company offers a matching gift program, please contact them with the amount of your gift.

Matching Gift Company _____

Empire State Aerosciences Museum
250 Rudy Chase Drive
Glenville, NY 12302

NON PROFIT ORG.
US POSTAGE
PAID
ALBANY, NY
PERMIT # 793



HAPPENINGS AT ESAM

MUSEUM HOURS

Winter Hours: Friday through Sunday 10 AM to 4 PM

General Museum Admission – \$8 per adult; \$6 per senior and military; \$5 age 6-16;
under 6 free when accompanied by an adult

Simulated Reality Vehicle (SRV) – Ride: \$5 (currently under repair)

Jansz Vander Veer Research Center/Library Hours – Friday 9 AM to 12 noon & Saturday 10 AM to 12 noon

May 6, Saturday - ESAM Open House and Volunteer Recruitment Fair. Free admission to the museum. Guided tours.

May 20, Saturday - Pancake Breakfast: 8:30-10:30 AM. All you can eat: \$10 for ages 15 and older, \$8 for children

May 20, Saturday - Speaker: 10 AM. **Brian Flynn, History and Mission of Civil Air Patrol**

6-14, free for children under 6. Menu varies with pancakes or French toast, sausage, eggs, applesauce, juice and coffee/tea. The public is invited to attend.

Pilots: Tower Frequency 121.30; Ground 121.90. Land at Schenectady County Airport and taxi to Richmor Aviation North.

Browse the Museum beginning at 10 AM. Museum Admission: \$8 per adult; \$6 per senior and military; \$5 age 6-16; under 6 free when accompanied by an adult.

May 20, Saturday - Aviation Adventures for Kids: 1-3 PM

May 22, Monday - Board of Trustees Meeting: 7 PM. ESAM Community Room

June 17, Saturday - Speaker TBA

June 17, Saturday - Pancake Breakfast: 8:30-10:30 AM. All you can eat: \$10 for ages 15 and older, \$8 for children

6-14, free for children under 6. Menu varies with pancakes or French toast, sausage, eggs, applesauce, juice and coffee/tea. The public is invited to attend.

Pilots: Tower Frequency 121.30; Ground 121.90. Land at Schenectady County Airport and taxi to Richmor Aviation North.

Browse the Museum beginning at 10 AM. Museum Admission: \$8 per adult; \$6 per senior and military; \$5 age 6-16; under 6 free when accompanied by an adult.

June 19, Monday - Board of Trustees Meeting: 7 PM. ESAM Community Room

June 24, Saturday - Aviation Adventures for Kids: 1-3 PM

July 17, Monday - Board of Trustees Meeting: 7 PM. ESAM Community Room

August 8-11, Tuesday-Friday: 8:30AM-12:00 noon. **Becoming A Young Aviator Program** in conjunction with SUNY Schenectady County Community College

August 19-20, Saturday-Sunday - National Aviation Day Weekend