



2022-2023 Impact Report

FLIGHT PATHS



DEAR FRIENDS,

The last two years have been transformational for the National Aviation Hall of Fame, and I’m excited to share the highlights with you in “Flight Path,” our new impact report.

As we begin our sixty-first year, NAF’s fiscal position is solid. 2023 was a record fundraising year—we also created a sustainable financial model and expanded our scope, deepened our community impact, and made significant investments in our facilities and our aviation education and workforce development programs.

Among our proudest accomplishments in the last twenty-four months were these:

- We modernized our Heritage Hall and Education Center, with generous support from donors;
- Our education and outreach program, “Discovering Flight with the National Aviation Hall of Fame,” reached new heights in its mission to inspire the next generation of aerospace leaders. It includes the nation’s first multidisciplinary aviation classroom curriculum, created in partnership with Dayton’s PBS station, uniting the educational expertise of the most trusted name in early childhood education with NAF’s legacy in aviation and aerospace;
- We installed an immersive theatre, where visitors can experience the thrill of aviation and learn about the NAF Enshrinees; and
- We expanded student field trip experiences to include a standards-aligned program full of hands-on activities that spark innovation and interest in aviation careers.

In the spring of 2024, we will open the Discovering Flight Innovation Lab (see rendering, page nine). This exciting space will be a dynamic hub for students, visitors, and enthusiasts eager to delve into the world of aviation. In it, we will host programs and

activities that foster creativity, learning, and hands-on exploration in the fields of aviation and aerospace. We also will build more partnerships and expand access to our classroom curriculum.

Of course, everything we do is fueled by our signature commitment: to honor, celebrate, and share the stories of our Enshrinees, the individuals responsible for the boldest and most courageous, ingenious achievements in aviation. And our annual Enshrinement Dinner and Ceremony was back in full force in 2023, drawing more than 600 attendees to the event at the National Building Museum in Washington, D.C.

I was honored to serve as NAF’s interim leader in early 2023 and am humbled to have been chosen as the permanent president and chief executive officer. As I look back at what we’ve created, I’m incredibly proud. And I envision a future in which our momentum builds, we create new partnerships, and make even more of an impact on you and everyone else we serve.

Thank you for your unwavering support. We hope you will Come With Us on the exciting journey ahead.

With gratitude,



Aimee

Aimee Maruyama
President & CEO

MISSION

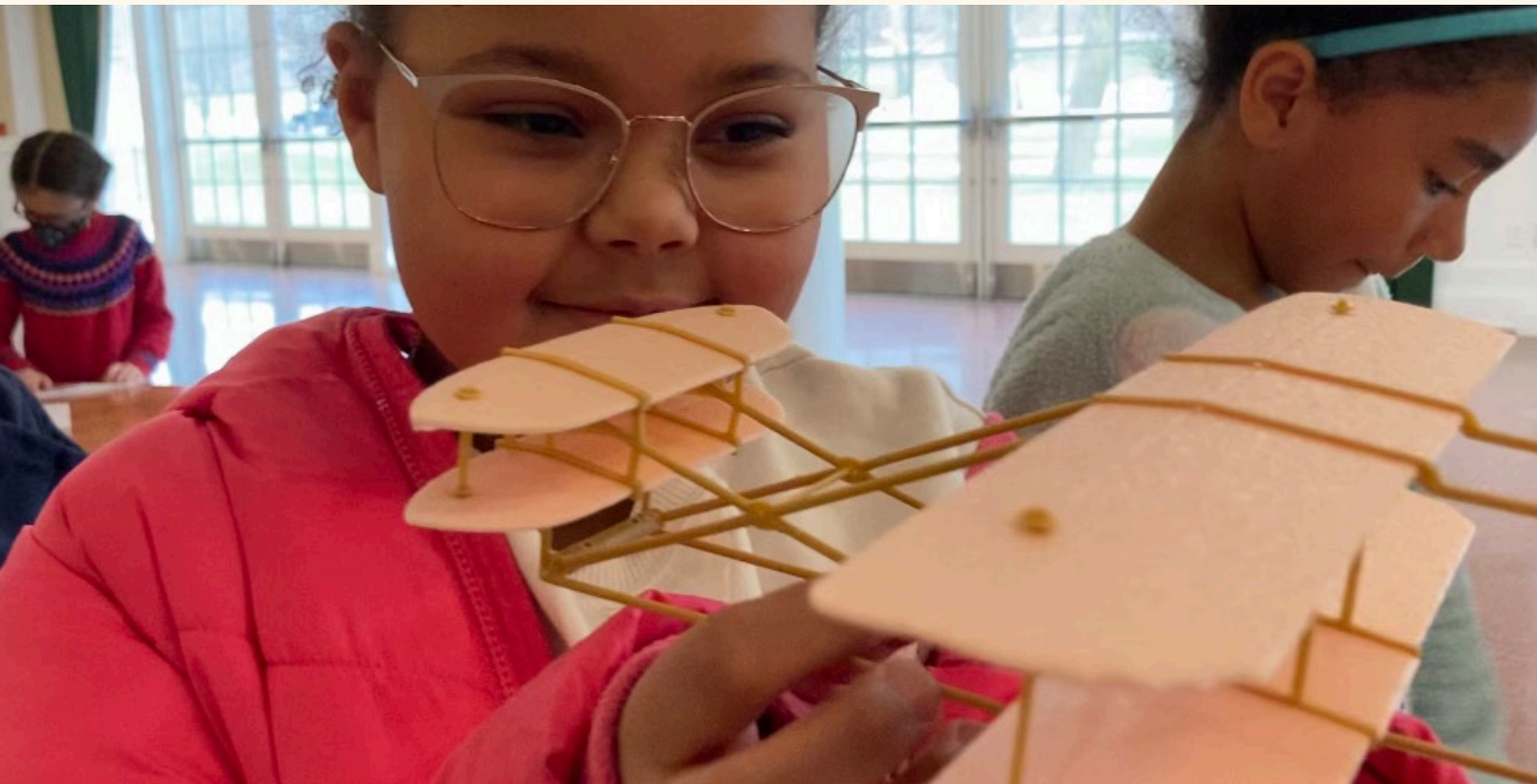
To honor America’s aerospace pioneers and memorialize and share their impact for the inspiration of leaders to come. From early flight to space travel, we strive to create a distinctive educational resource that will inspire future generations to appreciate our nation’s extraordinary aviation heritage and the men and women who created it.

VISION

To capture the imagination of the next generation of aerospace leaders through an evolving narrative of previous legends’ challenges and accomplishments through engaging programs and our permanent Heritage Hall and Education Center in Dayton, Ohio.

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Above: With our education program Discovering Flight with the NAHF, we are inspiring the next generation of aviation legends. (See pages 6–9.)

On the cover: Gabriella Orme, student pilot and aviation welder, records a segment for the “Why I Fly” video series.



The 2023 Enshrinement ceremony in Washington, D.C., drew more than 600 attendees to celebrate the most recent class of aviation and aerospace heroes.

DISCOVERING FLIGHT



Inspiring young learners to become the next generation of aerospace innovators became a strategic priority for the National Aviation Hall of Fame in 2019.

What followed was the launch of “Discovering Flight,” a comprehensive education and outreach program that educates students in the classroom and online and engages the 400,000 annual visitors to the NAFH in our Heritage Hall and Education Center.

The classroom materials include a hands-on science, technology, education, arts, and math curriculum called **“Problem Solving with Wilbur and Orville”** and an online video series called **“Why I Fly.”** The curriculum was developed in partnership with ThinkTV, the Dayton region’s PBS station, and we worked with Emmy Award-winning Hemlock Films to create the videos, which feature the diversity of professionals and careers in aerospace. We also are nearly finished with the renovation of the **Heritage Hall and Education Center**, which is transforming into a high-tech, engaging, immersive learning environment.

Since 2021, the NAFH has reached thousands of students and visitors with this innovative program, which has been incredibly



well-received. Said one teacher, “A student of mine who rarely talks or even interacts saw some of the students building, and I could tell he was very interested. I gave him the instructions and a set of building materials and he went to town.”

“Problem Solving with Wilbur and Orville”



High Marks

Survey responses from teachers who used the “Problem Solving with Wilbur and Orville” curriculum*

Material builds knowledge of aviation. **92%**

Material is easy to use, has everything necessary to teach. **85%**

Can see teaching lessons to future classes. **83%**

*agreed or strongly agreed

In this five-unit classroom series—for which NAFH provides a complete set of teacher and student materials (left)—students build, fly, and conduct experiments with kites, soda-straw gliders, and more. But the program is more than an engineering exercise. As they participate in these activities, students also learn how to communicate with and support each other, think critically, reflect on their results, and even express what they’ve learned through journaling, short story writing, and other creative projects. Each lesson aligns with national curriculum standards—in language arts, math, and social studies—and grade proficiency outcomes.

“Why I Fly”

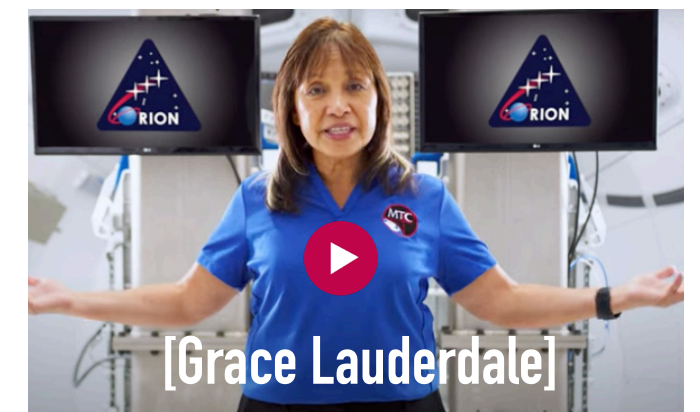
These two- to three-minute videos feature aviation professionals who talk about what inspired them to choose a career in aviation. Whether it is a young woman who started her own aviation welding company, a band teacher who owns a small plane and flies on the weekends, or a NASA engineer who builds and flies his own plane, the people in these films show students—especially young women and minorities—that the industry is accessible to a diverse range of individuals with a variety of interests and skills.

[Why I Fly]

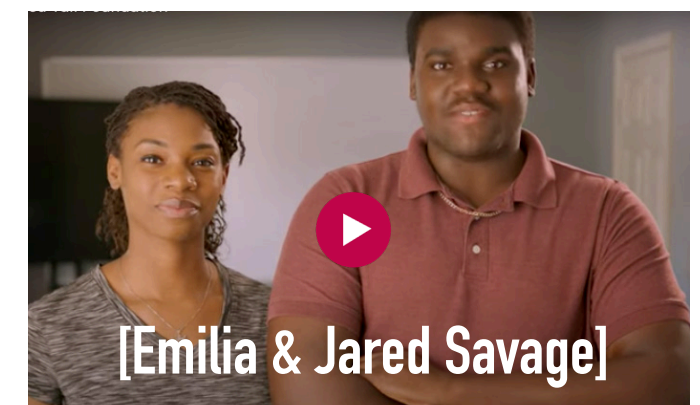


For example, Grace Lauderdale (top right) talks in her video about her job managing a spacecraft simulator. “I’ve always wanted to work at NASA,” she says, remembering as a child watching television as Neil Armstrong took that first step onto the moon. “I was in awe!”

Emilia and Jared (bottom right) encourage anyone with an interest in an aviation career to pursue it. “Don’t ever live life and say, ‘I wish I could have,’” Jared says.



[Grace Lauderdale]



[Emilia & Jared Savage]



Heritage Hall and Education Center

The HHEC is undergoing a \$5 million renovation, the first major upgrade of the space since it was built in 1996.

With generous contributions from the Bruce R. McCaw Family Foundation, the Ohio Facilities Construction Commission, the Berry Family Foundation, the Kettering Fund, Ohio's 529, and several individual donors, the second phase of the project is expected to be complete in April 2024, when the 1,600-square-foot Innovation Lab (see

opposite page), opens its doors. Anchoring the upgraded facility is a 1,300-square-foot multipurpose theater (above), complete with immersive sound and projection technology. It was completed in 2022, and we have already hosted many events in this reimagined space—including "Science Saturday" demonstrations, "Rocket Day," "Girls in Aviation Day," school field trips, and summer camps.

We are proud of this cutting-edge facility and are excited to keep it buzzing with the energy of current and future aviation lovers.

Innovation Lab

Hackeronics Lab

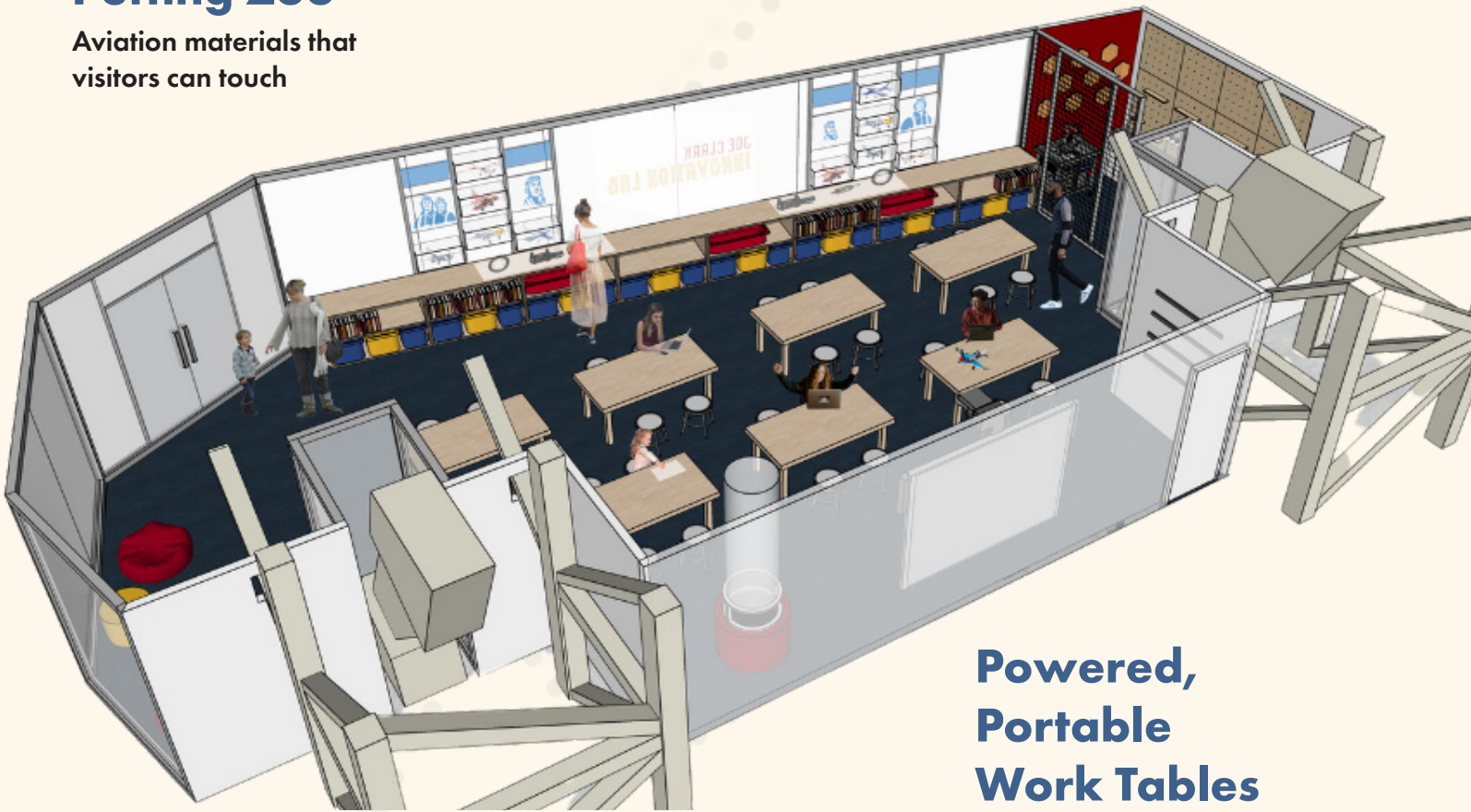
Old or broken pieces of aviation technology that students can assemble, disassemble

Design Studio

Cutting-edge scanners, 3D printers for visitors to use

Aviation Petting Zoo

Aviation materials that visitors can touch



Idea Pad

Seating, dry-erase windows for brainstorming, problem solving

Powered, Portable Work Tables

Stations for designing, building, and testing everything from paper airplanes to model rockets

COMMUNITY ENGAGEMENT

VOLUNTEERS

NAHF Volunteers gave generously of their time in the last two years, logging 5,590 hours, from January 2022 to October 2023.

- Samuel Berrios-Matos
- Frank Boensch
- David Boyer
- Melissa Creel
- Beatrice Downey
- Stephen Frey
- Ned Gauder
- Ken Ginader
- Ron Goerges
- Dona Dacosta Gomez
- Peter Grassan
- Ginger Gunlock
- Gene Hausfel
- Ron & Gerry Hunt
- Mary Klemm
- Laura Martin
- Chris Mokren
- Aaron Musick
- Chuck Nartker
- Hank Oakes
- Dick Palmer
- Don Perander
- Joe Wahrer
- Loren (Mark) Walker
- Jayne C. White
- David Wisecup
- Frank Wolfe
- Jason Wysons
- Wanda Yates



1 in 3

visitors to the National Museum of the U.S. Air Force visits the National Aviation Hall of Fame.



6,000

classrooms received "Discovering Flight" curriculum



200K+

potential students reached with "Discovering Flight" curriculum



15

school events

hosted at the Heritage Hall and Education Center (2023)



58%

average monthly visitor increase, October 2022–October 2023



639,810

NAHF visitors

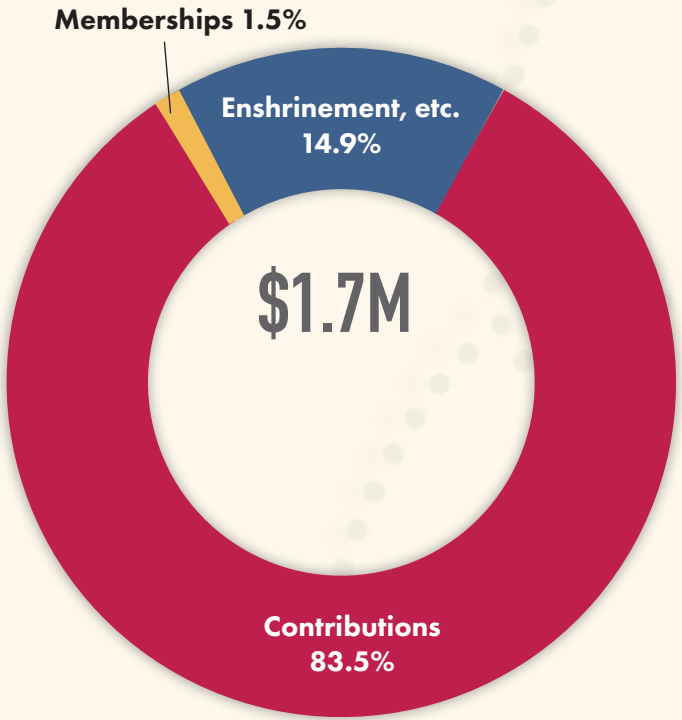
January 2022-October 2023

FINANCES

'22 REVENUE

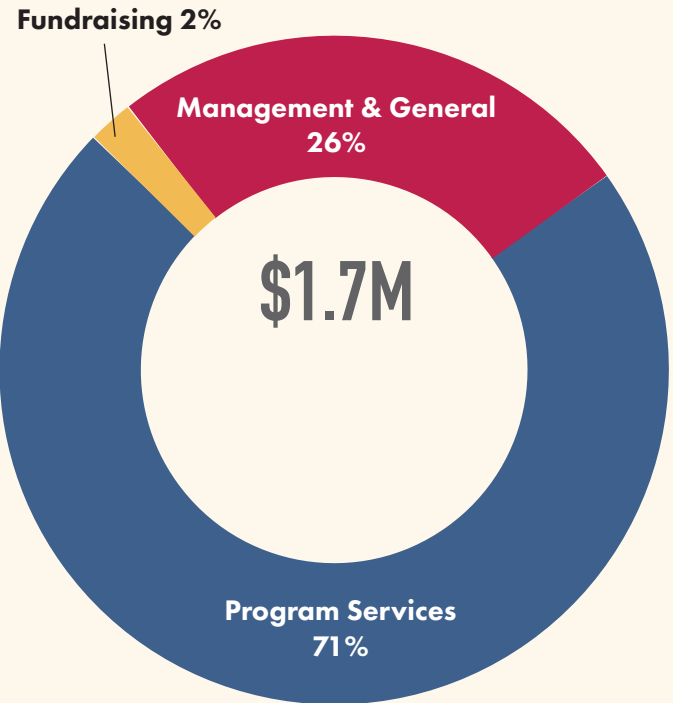
Contributions*	\$1,447,237
Enshrinement, Investments, & Other	\$285,955
Memberships	\$26,720
TOTAL	\$1,732,912

*Includes in-kind



'22 EXPENSES

Program Services	\$1,247,590
Management & General	\$458,985
Fundraising	\$41,268
TOTAL	\$1,747,843



2023 ENSHRINEEES

Each year, the NAFB Board of Nominations, a voting body of over 130 aviation professionals nationwide, selects from a prestigious group of nominated air and space pioneers to be recognized for their achievements with induction into the National Aviation Hall of Fame. Since NAFB's founding in 1962,

262 people have been honored with induction into the only Congressionally chartered aviation hall of fame in the United States. The Class of 2023 was enshrined at the annual ceremony at the National Building Museum in Washington, D.C., on September 22, 2023.



Kathryn Sullivan

First American woman to walk in space, veteran of three shuttle missions, first woman to visit the deepest spot in the oceans, the Challenger Deep



Angela Gittens

CEO of multiple large-hub airports, including Atlanta's, and director general of ACI-World



Fred Haise

U.S. Marine, fighter pilot, test pilot, Apollo astronaut, Space Shuttle astronaut, aerospace executive, advocate



**(The Late)
Velta Benn**

Aviation pioneer; began as a WASP and flew for 63+ years, amassing 55,000 flying hours as a CFI, an FAA Examiner, and a safety expert



**(The Late)
Ed Stimpson**

First president of General Aviation Manufacturers Association; advocated for continued production of propeller-driven aircraft



**(The Late)
Cornelius Coffey**

Pilot, mechanic; opened a flight school that trained 1,500+ students, including hundreds of Tuskegee Airmen

2023 ENSHRINEMENT

Sponsors

PRESENTING



PRESIDENT'S RECEPTION



ENSHRINEMENT BAR



PLATINUM



GOLD

Accenture Federal Services
Airports Council International
Army Aviation Association of America
Avelo Airlines
Boeing
Bombardier
CAE
Cardinal Aviation Advisors
Commemorative Air Force
Cozen O'Connor
Cincinnati/Northern Kentucky International Airport

Flight Safety Foundation
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GE Aerospace
Gulfstream
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Textron Aviation

SILVER

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Boom Aerospace
Coffeen Management Company
Embraer
San Francisco International Airport
Solairus Aviation
Congressman Mike Turner
Wings Over the Rockies Air & Space Museum

ENSHRINEMENT 2023

Ceremony



Top, left: Student pilot Derek Ferrell presents Enshrinement to his aunt, 2023 inductee Angela Gittens. Top right: Laura Benn, accepting on behalf of her mother, Enshrinee Velta Benn. Center: NAHF Enshrinee Charlie Bolden with 2023 Inductee Kathryn Sullivan. Bottom, left: General Lloyd "Fig" Newton presents Enshrinement to Craig Coffey, grand-nephew of 2023 Inductee Cornelius Coffey. Bottom, center: Catherine Stimpson accepts Enshrinement on behalf of brother, 2023 Inductee Ed Stimpson. Bottom, right: Dale Klappmeier, NAHF Enshrinee and Cofounder of presenting sponsor Cirrus Aircraft



ENSHRINEMENT 2023

President's Reception Award Winners



Top photo, from left: NAHF Board Vice Chair Doug Schwartz; NAHF President & CEO Aimee Maruyama; NASA's *Ingenuity* Mars Helicopter Team, Milton Caniff "Spirit of Flight" Award winner

Second row left, from left: Doug Schwartz; Aimee Maruyama; Megan Tucker, Scott Crossfield Teacher of the Year Award winner; NAHF Board Chair Jim Cooling. Second row right, from left: Board member Dave Paddock; ForeFlight Co-founder Tyson Weihs, Neil Armstrong Outstanding Achievement Award winner; Aimee Maruyama; Jim Cooling

Third row, from left: GAMA CEO Pete Bunce; Senator Jerry Moran, Congressional Leadership Award winner; Jim Cooling; Aimee Maruyama

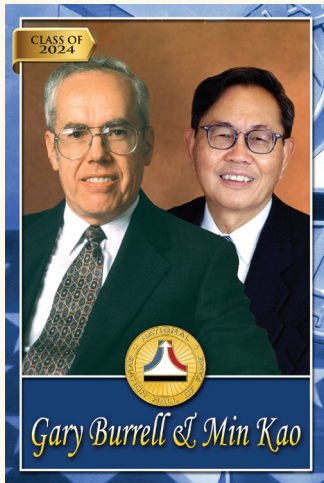
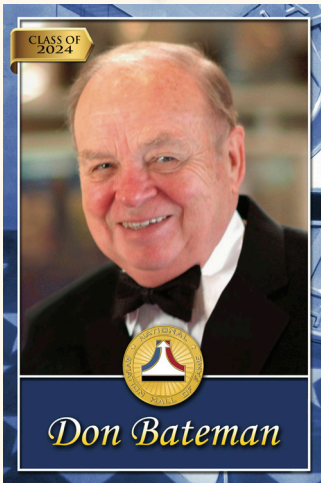
Fourth row, from left: NBAA CEO Ed Bolen; Congressman Sam Graves, Congressional Leadership Award winner; Jim Cooling; Aimee Maruyama

SAVE
THE DATE!

60th ENSHRINEMENT

September 14, 2024 • Dayton, OH

2024 ENSHRINEES



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Office Manager
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Katie Main



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Heritage Hall and Education Center Associate



Linda Johnson
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