



## Honoring Aerospace Legends to Inspire Future Leaders™

Chartered by an Act of the U.S. Congress, July 6, 1964

1100 Spaatz Street, Dayton, OH 45433

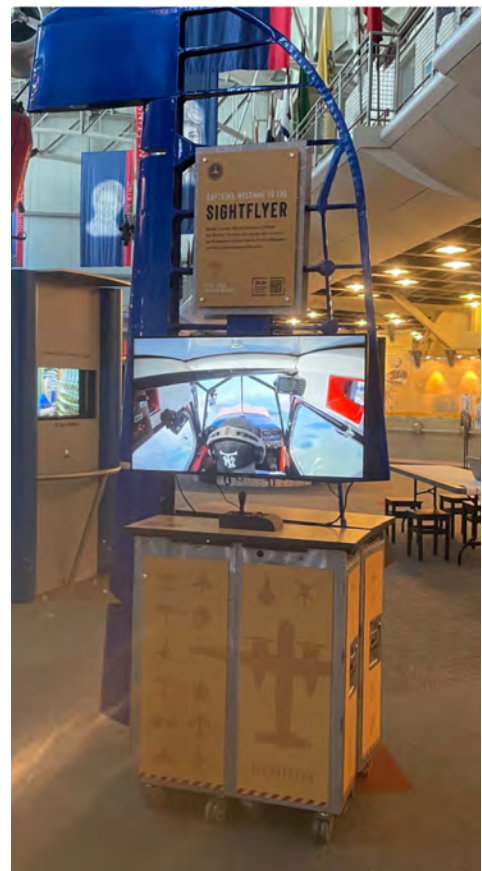
The National Aviation Hall of Fame (NAHF) is dedicated to honoring America's aviation pioneers, those individuals who have made significant contributions to America's rich legacy of air and space accomplishments through individual acts of great vision, technical innovation, skill, and courage.



In 2020, the NAHF began a multi-phased campaign to transform our Heritage Hall and Education Center, developing an immersive, hands-on experience that honors and celebrates America's aviation pioneers, captures the imagination of visitors, and inspires the aviation workforce of tomorrow.

To date, we have modernized our popular Hubble landing simulator, installed an immersive **Multi-purpose Theater** (Left), and added an interactive educational exhibit, **The SightFlyer**, that shares the digital aviation lessons from our

curriculum and stories of our Enshrinees (Right). We have also just begun the construction and installation phase of our **Innovation Lab** (Next page), an experiential site for students to perform inquiry-based experiments grounded in STEAM concepts from our PBS-created curriculum, *Learning with Will and Orv*. On the weekends, discovery stations serve to engage families in hands-on demonstrations.





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### Innovation Lab: Final Design





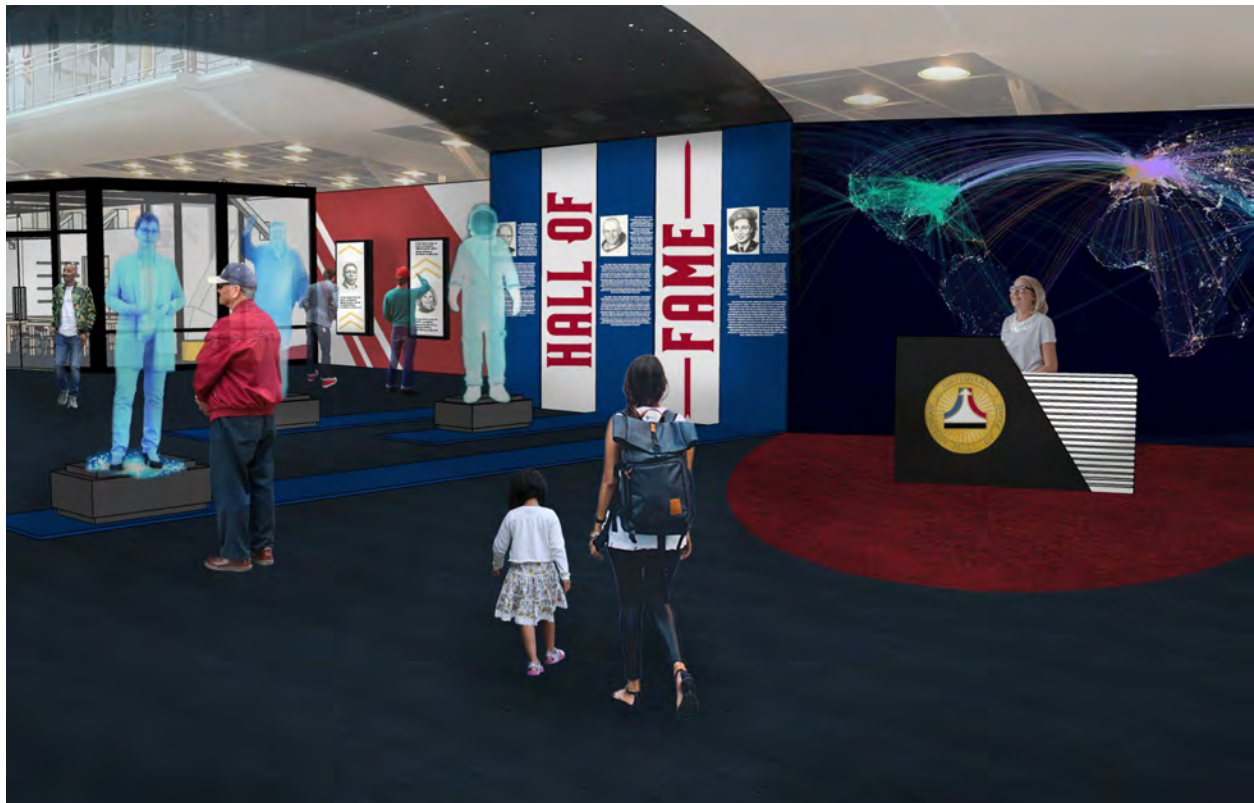
## *Honoring Aerospace Legends to Inspire Future Leaders™*

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The third and final phase of our campaign to transform our HHEC will bring the remaining exhibits and galleries to life. Through interactive digital displays and holograms, we will share the stories of our American aviation legends. With interactive exhibits, including flight simulators, airplane engine interactives, and strategy games, we will educate visitors on essential STEM concepts, aviation and aerospace careers, and engineering innovations. All these exhibits will be fully accessible to our nearly 400,000 visitors to the HHEC, which is free and open to the public.

### **Phase III HHEC Transformation Design Renderings**





# Honoring Aerospace Legends to Inspire Future Leaders™

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1100 Spaatz Street, Dayton, OH 45433





Quality of Life Committee  
c/o Mr. Chris Kershner, Chair  
Dayton Area Chamber of Commerce  
22 E. Fifth Street, Suite 200  
Dayton, Ohio 45401

November 1, 2023

Dear Mr. Kershner:

On behalf of ThinkTV PBS, I am writing this letter with enthusiastic support of the National Aviation Hall of Fame's request for funding through the State of Ohio capital budget for a grant to complete the final phase of the National Aviation Hall of Fame's Heritage Hall and Education Center.

As an education partner with the National Aviation Hall of Fame, ThinkTV PBS has had the privilege of collaborating on numerous projects within the hall of fame, as well as implementing STEM-based curriculum in classrooms across the state. We have witnessed firsthand the significant impact that the NAHF has on educating and inspiring students, especially those in under-resourced schools.

Aviation plays an integral role in Ohio's history. The legacy of aerospace innovation in Ohio is something to be proud of and should be preserved for future generations. The NAHF's dedication to celebrating our nation's aviation heritage through exhibits and programs is commendable and aligns seamlessly with ThinkTV PBS's commitment to education and outreach.

I wholeheartedly endorse the National Aviation Hall of Fame's request for funding through the State of Ohio capital budget for the completion of this crucial project. The benefits of this endeavor extend far beyond the walls of the Heritage Hall and Education Center; they reach into classrooms, communities, and the future of aviation itself.

Sincerely,  
Gregory Schell  
Business Development, ThinkTV PBS

A handwritten signature in black ink that reads "Gregory Schell". The signature is written in a cursive style and is followed by a long horizontal line.



## Southwestern Ohio Instructional Technology Association

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Quality of Life Committee  
c/o Mr. Chris Kershner, Chair  
Dayton Area Chamber of Commerce  
22 E. Fifth Street, Suite 200  
Dayton, Ohio 45401

November 1, 2023

Dear Mr. Kershner:

I enthusiastically write in strong support of the National Aviation Hall of Fame's request for funding through the State of Ohio capital budget for a grant to fund the final phase of the transformation of the National Aviation Hall of Fame's Heritage Hall and Education Center.

As we all know, aviation holds a proud place in Ohio history. As home to one of the largest Air Force bases in the country and the US Air Force Research Lab, aerospace innovation will continue to be an honored part of Ohio's legacy for generations to come. The National Aviation Hall of Fame has for decades served as an educational resource for the state providing exciting exhibits and programs that celebrate our nation's aviation heritage for visiting school groups, summer camps, and especially, children in under-resourced schools in our region.

This project will finalize a multi-year strategy to transform the organizations Heritage Hall and Education Center co-located with the National Museum of the US Air Force and host to nearly 400,000 annual visitors. Since 2020 the NAHF has successfully leveraged support from the State of Ohio to encourage investment from private individuals, foundations, and aviation industry partners from across the United States to transform the HHEC and build a modern, engaging facility that will inspire and educate the aviation workforce of tomorrow.

Supporting the primary objectives of the Discovering Flight with the National Aviation Hall of Fame, as well as facilitating the concurrent enhancement of Heritage Hall and Education Center, entails:

- Furthering the Congressionally chartered mission of the NAHF to honor the past and inspire the future.
- Becoming a premier destination within the National Aviation Heritage Area and enhancing our stature as a worthy partner of the National Museum of the United States Air Force.
- Working tirelessly to help create tomorrow's aviation and aerospace workforce through an education resource and pathway.

- Breaking down racial, cultural, and gender barriers in the aviation and aerospace industries by providing early exposure to aviation and STEM learning and focusing delivery to under-resourced school districts across the state of Ohio.
- Seeking ways to inspire innovation in aviation for the sustainability of the entire industry.

Thank you for your consideration.

Sincerely,



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*Deb Tschirhart*

Director of Educational Technology

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# OMEGA

COMMUNITY DEVELOPMENT CORPORATION

November 1, 2023

Quality of Life Committee  
c/o Mr. Chris Kershner, Chair  
Dayton Area Chamber of Commerce  
22 E. Fifth Street, Suite 200  
Dayton, Ohio 45401

Dear Mr Kershner:

On behalf of the Hope Center and Camp Hope, I am writing to support the National Aviation Hall of Fame's request for funding through the State of Ohio capital budget to fund the final phase of the transformation of the National Aviation Hall of Fame's Heritage Hall and Education Center.

Throughout the years that THINKTV PBS has worked with our elementary school scholars during our Freedom Schools Summer Program, our scholars have gained valuable insight on the importance of hands-on and interactive enrichment opportunities. Our scholars are students in an under-resourced school district in Dayton, Ohio, and because of the grants provided through this amazing program, they have been able to attend many field trips and have been afforded many resources to focus on how science and aviation play a major role in their learning. Additionally, these programs have inspired many of our scholars to break down racial, cultural and gender barriers in the aviation and aerospace industries, to be future leaders in STEM by providing early exposure opportunities.

Thank you in advance for your consideration of funding for this worth project.

Sincerely,

*Courtney D. Wright*

Courtney Dortch-Wright  
Director of Program Operations  
Omega Community Development Corporation  
courtney.dortch-wright@omegacdc.org





**YELLOW SPRINGS EXEMPTED VILLAGE SCHOOL DISTRICT**  
*Mills Lawn Elementary (K-6)*

November 1, 2023

To the DDC Quality of Life Committee,

I am writing on behalf of Mills Lawn Elementary in support of the National Aviation Hall of Fame's request for funding through the State of Ohio capital budget to fund the final phase of the transformation of the National Aviation Hall of Fame's Heritage Hall and Education Center (HHEC).

Our school supports the predominant goals for the *Discovering Flight with the National Aviation Hall of Fame* program and complementary improvement to their Heritage Hall and Education Center which include:

- Further the Congressionally chartered mission of the NAHF to honor the past and inspire the future.
- Become a premier destination within the National Aviation Heritage Area and enhance our stature as a worthy partner of the National Museum of the United States Air Force.
- Work tirelessly to help create the aviation and aerospace workforce of tomorrow through an education resource and pathway.
- Break down racial, cultural, and gender barriers in the aviation and aerospace industries by providing early exposure to aviation and STEM learning and focusing delivery to under-resourced school districts across the state of Ohio.
- Seek ways to inspire innovation in aviation for the sustainability of the entire industry.

This year, our 3rd Grade students engaged in a mini PBL project in collaboration with the National Aviation Hall Fame and ThinkTV PBS, and their new initiative, *Discovering Flight with the National Aviation Hall of Fame*. During this week-long multi-disciplinary study of flight and the engineers and inventors behind the first successful airplane, Wilbur and Orville Wright, our students thought critically about questions the Wright brothers faced and creatively solved similar problems throughout their own work. As a culmination of this study, our students visited the National Museum of the United States AirForce and were invited to the National Aviation Hall of Fame for additional hands-on activities. This was an exciting and immersive experience for our third graders.





**YELLOW SPRINGS EXEMPTED VILLAGE SCHOOL DISTRICT**  
*Mills Lawn Elementary (K-6)*

In the classroom, teachers had access to a multimedia curriculum that engages students and teachers with science videos that bring problem-solving to life, biography videos that tell the Wright brothers' stories, activities and worksheets that engage students using simple materials and demonstrate learning, and assessments, with answer keys and scoring rubrics. This at-a-glance curriculum supported our Project Based Learning pedagogy as students investigated the question, "How is our learning journey similar to that of Wilbur and Orville Wright?" Discovering Flight Classroom STEAM Kits contained carefully selected materials to create fun, interactive, hands-on experiences to support the curriculum and provide opportunities for students to discover answers to their questions. Questions that teachers may have had were answered in a free, online professional development course available on Teacher Campus provides a guide for implementing the program in the classroom with the opportunity to earn 4 Continuing Education Units (CEU).

To expand and cement this critical learning the NAHF has received funding to install 1500 sq ft Innovation Lab. Inside the lab, Discovering Flight Classrooms and the NAHF's more than 400,000 annual visitors will find a creative space to roll up their sleeves, experiment, tinker, learn, invent, and interact with our classroom curriculum and other projects that honor our nation's aerospace history and inspire its future. The completion of the final phase in transforming the NAHF's HHEC will not only enhance the National Aviation Hall of Fame visitor experience but it will also tangibly support the Learning with Will and Orv and Discovering Flight with the National Aviation Hall of Fame programs targeted toward youth and schools.

Mills Lawn Elementary School looks forward to continuing to partner with the National Aviation Hall of Fame to foster the next generation of Aerospace Engineers.

Yours in Education,

Sarah Amin  
she/her  
Mills Lawn Elementary School  
PBL Foundations Teacher Support Specialist  
Resident Educator Teacher Mentor

