OUR STORY
VISION
Be the most exciting and innovative museum and aerospace center west of the Mississippi.

MISSION
To educate and inspire people of all ages about aviation and space endeavors of the past, present and future.

VALUES
Quick Facts

Past

- Museum is located on former Lowry Air Force Base, built in 1937
- Original site of the United States Air Force Academy
- Museum founded in 1994
- Exploration of Flight concept imagined in 2007

Present

- Museum currently welcomes more than 160,000 visitors a year
- The Boeing Blue Sky Gallery is open at Centennial Airport
- Named one of the top 20 Aviation Museums in the World by CNN

Future

- Museum will welcome more high profile exhibits
- WAA will educate more than 120 students in grades 6-12
- Exploration of Flight will become a key aerospace destination
Leadership & Staff

Chief Executive Officer: John Barry

Board of Directors

Leadership Team
John L. Barry, Maj Gen, USAF (Ret) is the President/CEO of the Wings Over the Rockies Air & Space Museum, located in Denver, Colorado.

General Barry served as Superintendent of Aurora Public Schools for seven years, from 2006-2013. Before returning to Colorado, he served in the United States Air Force for over 30 years as a combat veteran, fighter pilot/USAF “Top Gun” graduate (Fighter Weapons School), Military Assistant to the Secretary of Defense, and commander multiple times at the squadron, group and twice at the wing command level. He is also a survivor of the 9/11 attack on the Pentagon. He retired in 2004 as a "Two Star", Major General, and served his last tour on active duty as Board Member and Executive Director for the Space Shuttle Columbia Accident Investigation.

Mr. Barry is a 1973 Honor Graduate of the USAF Academy, with a double major in International Affairs and Political Science and Distinguished Graduate from the USAF Pilot Training. He received his Masters in Public Administration from Oklahoma University, was a White House Fellow in 1986-1987, attended the Kennedy School of Government at Harvard on a fellowship in 1993-1994, and is a 2004 graduate of the Broad Superintendent Academy.
# Board of Directors

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<th>Name</th>
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<td>Mike Allen</td>
<td>President &amp; COO</td>
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| John Barry         | Major General, USAF (Ret)  
President and CEO | Wings Over the Rockies Air & Space Museum |
| Randy Brodsky      | President & CEO | Primus Aerospace                     |
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| Glen Schlotterbeck | Captain | USAF (Ret)                         |
| Milton “Skip” Smith| Attorney | Sherman & Howard                   |
| Ronald Smith       | Retired | Air Force & Defense  
Contractor                   |
| Craig Teasdale     | Area Director | Signature Flight Support            |
| Shawn Wallace      | 787 Instructor and Pilot | United Airlines  
Managing Director | Ratio Wealth Group |

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**WingMuseum.org / ExplorationOfFlight.org**

OPR: Marketing | updated 06.27.19
Volunteers

170 Volunteers

- Docents
- EoF Sim Operators
- Greeters
- Events
- Archivists
- Restorations
- Educational

27,519 hours volunteered in 2018
Museum

History
Exhibits
Events
Membership
From 1937 to 1994, Lowry Air Force Base, located in eastern Denver, served the nation and surrounding community in many distinguished ways. The air base, primarily a technical training center, graduated more than 1.1 million officers and enlisted members in skills ranging from armament to photography, which tremendously strengthened the country’s war efforts in World War II, the Korean War, the Vietnam War and the Cold War.

In the 1980's, Lowry Air Force Base remained one of Colorado’s largest employers, with approximately 10,000 military and civilian men and women, providing an economic impact approaching $1 billion annually. Thus Lowry significantly contributed to maintaining the world’s largest air force and promoting the accelerated growth of Colorado and the Denver metro.

Transferred from the United States Air Force to a group of volunteers in 1994, Wings Over the Rockies Air & Space Museum is located in Hangar 1 of the former Lowry Air Force Base. Today, the Museum includes more than 182,000 square feet of hangar space and 50 iconic aircraft dating from 1939 to 1990.
Exhibits

- MaxFlight
- F-14A Tomcat
- EA-6B Prowler
- B-52 Stratofortress
- HL-20 Dream Chaser
- B-1A Lancer
Public Events

- 80s/90s Hangar Dance
- May the 4th Celebration
- Hops in the Hangar
- Hauntings at the Hangar
- Spreading Wings Gala
Facility Rentals

Wings Over the Rockies hosts a variety of social and corporate events at Lowry and Exploration of Flight, including:

- Galas
- Fundraisers
- Birthday Parties
- Cocktail Parties
- Wedding Receptions
- Team Building Events
# Membership

## Total Active Membership: 2,304

**Level**
- Friends and Family = 33%
- Teacher Envoy = 24%
- Individual Plus = 15%
- Student, Individual, Senior, or Educator = 13%
- Grandparent = 7%

**How Long They’ve Been Members**
- >1 Year = 26%
- 1-3 years = 26%
- 4-6 years = 21%
- 7+ years = 27%

**Household Income**
- Less than $50,000 = 15%
- $50,000-100,000 = 28%
- $100,000-150,000 = 29%
- $150,000-200,000 = 8%
- $200,000+ = 20%

**Gender of Primary Member**
- Female = 26%
- Male = 74%

**Age of Primary Member**
- Less than 20 = 5%
- 21-35 = 5%
- 36-50 = 22%
- 51-65 = 28%
- 66-80 = 33%
- 80+ = 7%

**Where Our Members Live**
- CO = 97%
- WY = 1%
- TX = 1%
- Other = 1%
Overview

Exploration of Flight, located at Centennial Airport, aims to become a center for aerospace education, experience and connectivity.

Two galleries will be located on this 15-acre campus. The Boeing Blue Sky Aviation Gallery is focused on aviation inspiration and education while the Ozmen Black Sky Space Gallery will be focused on space exploration and education.
Boeing Blue Sky Aviation Gallery

Immerse yourself in aviation. Located at one of the busiest general aviation airports in the nation, the Boeing Blue Sky Aviation Gallery, an immersive aviation attraction, provides a behind-the-scenes experience that is sure to have you looking to the heavens. Explore interactive exhibits, see the latest in general aviation technology, hop into pilot-quality flight simulators, listen to the chatter from Centennial tower, and more.
Boeing Blue Sky Aviation Gallery

FLYTHISSIM TOUCHTRAINER

Redbird XWind

Redbird FMX

Gyro Chair
The Ozmen Black Sky Space Gallery will house various exhibits dedicated to the future of space exploration. The gallery will include interactive exhibits completed in partnership with some of the aerospace industries biggest names.
Want to learn something new and have a little fun along the way? Join Wings Over the Rockies’ curator, Matthew Burchette, as he hosts “behind the wings” looks at some of history’s most iconic aerospace treasures, access to amazing aerospace organizations and interviews with icons. Peek into the cockpits of rare warbirds, fly over the Centennial State in a state-of-the-art Skyhawk, climb into the cockpit of the legendary B-52 Bomber and a whole lot more….BAM!!

As seen on PBS, YouTube and Facebook.
Wingspan Leadership Donors

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Tony & Delisa Mayer

WingMuseum.org / ExplorationOfFlight.org

OPR: Leadership
Programs

Teacher Flight Program

Young Eagles Flight Experience

Aviation & Engineering Ground Schools

RC: Make & Take Workshop
As one of the most significant educational outreach initiatives ever undertaken, the Wings Over the Rockies Teacher Flight Program aspires to provide a personal flight experience to one teacher in every school along Colorado’s front range by the year 2020.

To date, the Teacher Flight Program has flown 600 teachers from throughout Colorado.
In an effort to inspire tomorrow’s pilots and other future aerospace leaders, Greg Anderson, while he was with the Experimental Aircraft Association (EAA), created the Young Eagles Program back in 1992. The program offers free introductory flights to kids aged 8 – 17 through various chapters around the nation.

Today, the program has flown more than 2 million young people with no signs of slowing down. Wings is proud to partner with a chapter of EAA to continue inspiring the future at our Boeing Blue Sky Gallery on the third Saturday of each month.
In partnership with Shades of Blue, Wings Over the Rockies Air & Space Museum offers aviation and engineering-focused workshop series twice a year to students for the cost of a student museum membership.

Students in the 5-week Aviation Ground School series plan and fly their own mission. This is done under the guidance of Wings President and CEO John Barry and others from the museum, along with instructors with Shades of Blue. The final planned mission is flown out of Centennial Airport with the help of a licensed Colorado pilot.

The 5-week Engineering Workshop series offers middle and high school students the chance to learn about what it takes to become a professional engineer. During the course, they hear from industry professionals representing organizations such as Boeing, CU, Raytheon, and more.
At Wings Over the Rockies Air & Space Museum, we are very lucky to have Thomas Neff, a certified RC aircraft flight instructor with more than 40 years experience, teaching various courses centered around building and flying RC airplanes or drones.
Financials

2017 OPERATING EXPENDITURES (%) - $5,547,753
(excluding depreciation)

- Capital Contributions
- Contributions
- Admissions
- Facility Rental
- Education
- Special Events (net)
- Museum Store (net)
- Membership
Staffed by knowledgeable volunteers, the Wings Over the Rockies Air & Space Museum Research Library was established to serve researchers and historians worldwide. It welcomes donations of books, manuscripts, etc. related to aviation and aerospace.

The Wings Over the Rockies Air & Space Museum Research Library/Archives is available by appointment. Colorado residency or Museum membership is not required. Research by in-person appointment, email, postal service, or telephone is welcome.

Contact us at library@wingsmuseum.org 303.360.5360 ext 119
Strategic Plan 2022

P eople
L eading Edge
A chievement
N eighborhood
E nvironment
People

Treatment of individuals inside and outside of the organization

Goal 1: Staff Hiring and Retention: Make Wings a place where people want to work.

Goal 2: Improve Public Perception: Make Wings an organization with which the community wants to work.

Goal 3: Better Facilities & Infrastructure: Make Wings a destination to which people want to go.
Leading Edge
Be an innovator in aerospace preservation, education, and advancement

Goal 1: Create exciting and pioneering exhibits that attract and educate aviation and non-aviation enthusiasts alike.

Goal 2: Become a thought leader in aerospace knowledge and research in Colorado.
Achievement
Striving for a better tomorrow

Goal 1: Increase museum admission rates and attendance at hangar events.

Goal 2: Be recognized as a top three event venue in the State of Colorado.

Goal 3: Increase development of future aviators and aviation professionals
Neighborhood
Build a better community

**Goal 1:** Create community partnerships with museums, aerospace companies, schools, and our community to build our image and strengthen our brand.

**Goal 2:** Increase museum admission rates and attendance at hangar events.

**Goal 3:** Provide outstanding customer service so that our guests leave the museum satisfied and excited to return (for their next trip).

WingMuseum.org / ExplorationOfFlight.org

OPR: Executive Assistant | updated 03.14.19
Environment
Create an environment where all people feel included, valued, celebrated, and respected

Goal 1: Create a positive center for aerospace education and learning.

Goal 2: Develop a culture where every resident of our community feels welcomed, engaged, and has a meaningful visit.
Museum Attractions
MaxFlight

Try your hand at flying up to 14 different aircraft, from leisurely flying in a Boeing 737 to aerobatic stalls in an Extra 300. We have a plane for you!

Not a flight junkie, but looking for a thrill? MaxFlight features 10 different rollercoasters ranging from level 1 (tame) to level 10 (intense!) that are sure to leave you with a smile on your face.

From take-off to landing, MaxFlights 360° of motion brings the flying experience to life, whether dogfighting like an Ace or soaring like Sully.
F-14A Tomcat

This supersonic twin-engine fighter was originally designed by Grumman as a counter-measure to MiG fighters seen in air combat during the Vietnam War. Touting air-to-air missiles, as well as an M61 Vulcan 20mm rotary cannon, the F-14’s weapons system was so sophisticated it was able to track and engage up to six targets at once. The aircraft on display at Wings Over the Rockies Air & Space Museum spent most of its time as a training and evaluation aircraft for VF-211, the Fighting Checkmates on board the USS John C. Stennis.
This fearsome warbird was designed to protect strike aircraft, ground forces, and naval ships by jamming enemy radar, electronic data links, and communications. The Prowler is a twin-engine aircraft capable of carrying four crewman in a side-by-side configuration. The weapons systems on the EA-6B include an ALQ-99 on board receiver, ALQ-99 Pod Mounted jamming system, and the High-Speed Antiradiation Missile (HARM) designed to seek and destroy enemy missile radar and radar-directed anti-aircraft systems. Our EA-6B is currently on-loan from the National Naval Aviation Museum and came to us directly from AQ-134 after their deployment to the Persian Gulf was complete.
Few other combat aircraft have as lengthy a service career as the B-52 Stratofortress. Having experienced conflicts ranging from the Cold War in the early 1950s to the Gulf War 40 years later, the versatility of the B-52 has marked its place in military aviation history. Originally manufactured in 1955, our RB-52B model was delivered to the Lowry Technical Training Center at Lowry Air Force Base to be used as a trainer, and in 1994 was transferred to Wings Over the Rockies Air & Space Museum.
Sierra Nevada Corporation’s Dream Chaser spacecraft is based on NASA Langley Research Center’s HL-20 Personnel Launch System, which underwent years of development and testing. With the NASA space shuttle program retirement in 2011, the United States is in need of a U.S. vehicle to transport astronauts to and from the International Space Station (ISS). After years of extensive design, manufacturing, and testing, Dream Chaser will soon begin servicing the ISS, and other low-Earth orbit destinations.
B-1A Lancer

Only four of these supersonic bombers were manufactured for the U.S. Military, and one of them sits at our hangar in Denver, Colorado. Developed in the 1970’s as a method of delivering nuclear weapons, the B-1A bomber could reach speeds of Mach 2.2 (over 1687 MPH) by utilizing four jet engines with afterburners. While the B-1A Lancer program was canceled by President Carter in 1977, it continued to serve as a test bed for the B-1B Lancer, which is still in extensive use today.
Boeing Blue Sky Gallery Attractions
Engineered to be introduced in the first stages of a pilot’s aviation experience, the FAA-approved TouchTrainer FM 210 flight simulator provides an immersive dual seat cockpit. It includes pilot/co-pilot intercoms, complete audio simulation, and an on-board instructor’s station. The massive 64 square feet of wrap around visual display will keep you coming back for more. Your experience will be guided by a trained Wings Over the Rockies volunteer who will assist you with setup, a brief orientation and flight in a Cessna aircraft. Fly the Cessna 172, 182 and more as you understand the unique characteristics of each aircraft. Your experience in the TouchTrainer FM210 is 10 minutes in length with a 5 minute orientation.
Since the early days of powered flight, pilots have struggled with landing in crosswinds and learning proper crosswind landing techniques. That’s where the Redbird Xwind comes in. It teaches pilots the proper techniques to conquer challenging crosswind conditions. By placing pilots in gusty conditions for extended periods of time, the Xwind gives users a unique appreciation for the skill of pilots. Your experience will be guided by a trained Wings Over the Rockies volunteer who will assist you with setup, a brief orientation and flight. Your experience in the Redbird XWind is 10 minutes in length with a 5 minute orientation.
The Redbird FMX is a FAA-approved partial motion simulator that offers immersive visuals and motion technology. With standard features that are anything but standard the FMX delivers ultra-realistic training environments and provides you a range of opportunities to fly today’s most advanced aircraft. Your experience will be guided by a trained Wings Over the Rockies volunteer who will assist you with setup, a brief orientation and flight in a state-of-the-art Cessna 182. Your Cessna 182 will feature the G1000 glass cockpit, the latest in general aviation avionics. Your experience in the Redbird FMX is 10 minutes in length with a 5 minute orientation.
Gyro Chair

The tumbling gyro chair helps you understand the effect of G-forces on your body, circulatory system and spatial disorientation. See if you are fit for the skies!

WingMuseum.org / ExplorationOfFlight.org