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The Museum of Arts & Sciences to Open Collaborative Aviation Exhibition with Embry-Riddle Aeronautical University

Daytona Beach, FL – On Saturday, January 6, 2018 the Museum of Arts & Sciences (MOAS) will be opening a collaborative aviation exhibition with Embry-Riddle Aeronautical University titled, *Milestones in Aviation: From the Collection of Embry-Riddle Aeronautical University*.

Since 1903 when the Wright Brothers embarked on their inaugural flight there have been leaps-and-bounds in our ability to conquer the skies, propelling ourselves to new heights as we have continued to push the boundaries of aeronautical development.

The new exhibition will highlight selected artifacts through the presentation of various propeller designs, an array of engine types, and even an entire next-generation aircraft, altogether representing many different decades and eras throughout aviation history. This has been made possible through the extensive collection on loan from the world-class institution, Embry-Riddle Aeronautical University (ERAU), the world's largest, fully accredited university specializing in aviation and aerospace.

Throughout the years MOAS and ERAU have shared many fruitful collaborations including students volunteering during museum events, professors delivering throughout-provoking lectures inside the Planetarium, and the development of a three-dimensional poster exhibition of celestial objects with ERAU's Department of Physical Sciences.

"As an alumnus and trained pilot from Embry-Riddle, I feel extremely privileged to be curating this exciting exhibit for MOAS," said MOAS Curator of Astronomy, Seth Mayo. "We hope to inspire children and adults alike on the wonders of aviation technology through the amazing collection we have chosen from my alma mater. This is truly a passion project for me."

The curation of the *Milestones in Aviation* exhibition is the most ambitious partnership to date, striving to expand upon the rich history of the aviation field that has made flight ubiquitous in everyday life. The artifacts on loan not only help tell an interesting aviation story, but also serve as a reminder of the influence that Embry-Riddle has on aviation advancement through their cutting-edge research and in training pilots, aviation maintenance technicians, engineers, and professionals working in STEM (Science, Technology, Engineering, and Mathematics).

"As the world's largest and most respected university specializing in aviation and aerospace, we are proud to be able to share our historic artifacts with the community and inspire the next generation of innovators," said Embry-Riddle President Dr. P. Barry Butler. "We hope museum visitors enjoy the journey through aviation's past and part riveted by the ground breaking research we are pioneering through the engineering of environmentally sustainable aviation and unmanned aerial vehicles."

Milestones in Aviation: From the Collection of Embry-Riddle Aeronautical University will be on display in the Museum's Ford Gallery through March 4, 2018.

Special Lectures and Tours

Throughout the span of the *Milestones in Aviation* exhibit, there will be a variety of tours and lectures that will explore various aspects of aviation and the exhibit itself.

Wednesday, January 10

3:00pm-3:45pm

***Milestones in Aviation* Presentation Alpha: A First Look**

Join Curator of Astronomy, Seth Mayo, as he takes you on an inaugural tour of the *Milestones in Aviation* exhibit in the Ford Gallery. Learn how certain significant inventions and technologies propelled aviation into a new frontier through the fascinating objects on loan from Embry-Riddle Aeronautical University and other private collectors. You will get a chance to view the Eco Eagle, developed by ERAU, on display inside the gallery and learn how it became the world's first direct-drive, hybrid-gas/electric aircraft. Along the way, we will encounter jet and radial engines, propellers, vintage aircraft paintings, and the Heurobotics Unmanned Aerial Vehicle – all part of ERAU's vast collection of aeronautical artifacts.

Admission: This lecture is free for Museum members or is included with paid museum admission.

Thursday, January 18

4:00pm-4:45pm

***Milestones in Aviation* Presentation Bravo: Exploring Embry-Riddle's Research and Development**

Learn how Embry-Riddle Aeronautical University is taking aviation to new frontiers. Join Dr. Richard Pat Anderson, Director of Embry-Riddle Eagle Flight Research Center, and Professor of Aerospace Engineering, as he discusses the cutting-edge research his department is involved with, especially the Eco Eagle aircraft impact on environmentally sustainable aviation and the revolutionary Heurobotics Unmanned Aerial Vehicle, on display in the *Milestones in Aviation* exhibit. After his lecture that takes place in the Planetarium, Dr. Anderson will conduct a short tour through the gallery to discuss the objects first hand.

Admission: This lecture is free for Museum members or is included with paid museum admission.

Saturday, January 27

4:00pm-4:45pm

***Milestones in Aviation* Presentation Charlie: Aircraft Engines and Airframes Through Time**

Explore the rich history of aircraft engine and airframe development through the fascinating objects found in the *Milestones in Aviation* exhibition. Led by Associate Professor and Chair of the Department of Aviation Maintenance Science, Charles Horning, will conduct a tour through the gallery as he discusses the various engine designs, propeller types, and aircraft wings on display.

Admission: This lecture is free for Museum members or is included with paid museum admission.

Saturday, February 3

3:00pm-3:45pm

***Milestones in Aviation* Presentation Delta: A Second Look**

Join Curator of Astronomy, Seth Mayo, as he takes you on an interactive tour of the *Milestones in Aviation* exhibit in the Ford Gallery. Learn how certain significant inventions and technologies propelled aviation into a new frontier through the fascinating objects on loan from Embry-Riddle Aeronautical University and other private collectors.

Admission: This lecture is free for Museum members or is included with paid museum admission.

Thursday, February 15

4:00pm-4:45pm

***Milestones in Aviation* Presentation Echo: Aircraft Engines and Airframes Through Time**

Explore the rich history of aircraft engine and airframe development through the fascinating objects found in the *Milestones in Aviation* exhibition. Led by Associate Professor and Chair of the Department of Aviation Maintenance Science, Charles Horning, will conduct a tour through the gallery as he discusses the various engine designs, propeller types, and aircraft wings on display.

Admission: This lecture is free for Museum members or is included with paid museum admission.

Saturday, March 3

3:00pm-3:45pm

***Milestones in Aviation* Presentation Golf: A Last Look**

Join Curator of Astronomy, Seth Mayo, as he takes you on the last interactive tour of the *Milestones in Aviation* exhibit in the Ford Gallery. Learn how certain significant inventions and technologies propelled aviation into a new frontier through the fascinating objects on loan from Embry-Riddle Aeronautical University and other private collections.

Admission: This lecture is free for Museum members or is included with paid museum admission.

Exhibits and dates subject to change.

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About the Museum of Arts & Sciences - The Museum of Arts & Sciences (MOAS) is the primary **art, science and history museum in Central Florida**. The area's largest museum, MOAS is nationally accredited by the American Alliance of Museums and is a Smithsonian Institution Affiliate. Located on a 90-acre Florida nature preserve, the 100,000 square foot facility is host to over 30,000 objects including the Dow Gallery of American Art, one of the finest collections of American art in the Southeast, the Schulte Gallery of Chinese Art, the Bouchelle Collection and Gallery of Decorative Arts, the largest and most comprehensive collection in the South, the Gillespy Gallery of Sub-Saharan African artifacts, the Cuban Foundation Museum showcasing one of the most significant collections of Cuban paintings in the United States, the Prehistory of Florida gallery featuring Florida's Giant Ground Sloth skeleton and the Root Family Museum displaying restored railroad cars, antique automobiles and the largest collection of Coca-Cola® memorabilia in Florida. The Helene B. Roberson Visible Storage Building exhibits thousands of objects from many donors which are owned by the Museum, while the Linda and Williams Children's Museum presents an interactive experience for children. A new state-of-the-art planetarium and the Cici and Hyatt Brown Museum of Art showcasing the largest collection of Florida-based art in the world, rounds out areas to explore inside the Museum of Arts & Sciences.

Museum Hours are 10am-5pm (Monday-Saturday) and 11am-5pm (Sunday). Museum of Arts & Sciences admission is \$12.95 adults; \$6.95 children 6-17; \$10.95 seniors and students; members and children 5 and under are free. Daily Planetarium shows and weekly laser shows. Museum of Arts & Sciences admission includes one Planetarium show. Cici

and Hyatt Brown Museum of Art admission is \$10.95 adults; \$4.95 children 6-17; \$8.95 seniors and students; members and children 5 and under are free. Combo ticket admission is \$18.95 adults; \$9.95 children 6-17; \$16.95 seniors and students; members and children 5 and under are free. Combo ticket admission includes on Planetarium show. Additional Planetarium shows are \$5.00 for adults and \$3.00 for children ages 17 and under. Parking is free. Admission is FREE for Volusia County residents the first Tuesday of each month (does not include Planetarium shows). MOAS is fully accessible to the handicapped. MOAS is located at 352 S. Nova Road, Daytona Beach, Florida 32114. For more information call 386.255.0285 or visit the website www.moas.org.

MOAS is a not-for-profit educational institution founded in 1955 and chartered by the State of Florida in 1962. The Museum is accredited by the American Alliance of Museums and is an affiliate of the Smithsonian Institution. Programs sponsored in part by the State of Florida, Division of Cultural Affairs, and the County of Volusia.

Exhibits and dates subject to change.