

PATHWAYS WITH PURPOSE

It's never too early to invest in the development of the next generation of aviation professionals, and Embraer is doing just that by exposing young people to the magic of aviation. Established in 2017, the Embraer Foundation is committed to making strategic social investments in local and national programs focused on inspiring aviation amongst the youth. The following organizations work to motivate and inform young people about the many rewarding careers in aviation, while also creating career pathways for underrepresented talent pools in hopes of creating a more dynamic and productive workforce.



Captain Barrington Irving founded Experience Aviation to introduce young people to career opportunities in aviation and STEM-related fields

The 99th Squadron

The 99th Squadron offers a free five-week ground school and discovery flights to expose youth to the aviation industry. The organization's namesake is an homage to the first African-American fighter squadron in the U.S. Army Air Forces. Founded by Ramone Hemphill, a passionate Pilot and Avionics Engineer, he uses his enthusiasm and expertise to introduce students to all the major topics that pilots study to obtain their initial certifications. The Embraer Foundation supports the 99th Squadron's annual curriculum, discovery flights and continuing education initiatives, including aviation museum visits, air shows and industry tours.



Black Pilots of America

For more than 25 years, Black Pilots of America has worked to expose youth to various opportunities within the field of aviation. With active chapters across a dozen states, the organization provides aviation education and training, and encourages interaction with members of their local aviation community. The Embraer Foundation grant supports student tuition and fees to participate in the annual Les Morris Summer Flight Academy, which introduces students to the aviation industry, provides 40 hours of ground school, 10 hours of flight time and offers the opportunity for qualified students to complete their solo flight. The Embraer Foundation also supports continued flight training for students successfully completing the Summer Flight Academy.

National Aviation Hall of Fame

The mission behind the National Aviation Hall of Fame (NAHF) is to inspire the next generation of aviation innovators. They strive to create distinctive educational resources that inspire future generations to appreciate the nation's extraordinary aviation heritage and the men and women who made it happen. The Embraer Foundation supports the NAHF mission to provide engaging programs and STEAM-based experiences at the Heritage Hall & Education Center in Dayton, Ohio, and beyond, through the K-6 aviation curriculum developed in partnership with PBS, the annual Enshrinement ceremony celebrating industry heroes, and Girls in Aviation Day activities.

Experience Aviation

Captain Barrington Irving founded Experience Aviation and his signature program, "The Flying Classroom," to introduce young people to career opportunities in aviation and STEM-related fields. His programs challenge students with aircraft restoration projects and interactive experiences that explore real-life applications of STEM topics. The Embraer Foundation supports the efforts of Experience Aviation to inspire students worldwide to pursue their passion to learn to fly and acquire the skills to maintain and repair aircraft through programs like Embraer Aviation Day presented by "The Flying Classroom." A signature outreach event co-hosted by the Embraer Foundation and Experience Aviation, is designed to provide hands-on STEM activities, aviation career exploration, motivational discussions, and facility tours for hundreds of middle school and high school students, teachers and administrators.

Women In Aviation International

Women In Aviation International (WAI) has spent the last 30 years dedicated to increasing the number of women involved in all aspects of aviation and aerospace. The Embraer Foundation supports Women In Aviation through outreach during the annual WAI Convention and the Experimental Aircraft Association Oshkosh Air Show and across local Girls In Aviation Day programs, ensuring girls in grades K-12 are exposed to and have access to all of the opportunities available across the aviation and aerospace industries.

AOPA Foundation

The Aircraft Operator and Pilots Association (AOPA) Foundation supports multiple programs, including AOPA Air Safety Institute and You Can Fly, provides flight training scholarships and delivers a rigorous high school aviation curriculum. AOPA's high school programs give students the tools to pursue advanced education and careers in aviation. In addition to creating online safety programs for the pilot community, funds for this foundation support flight training scholarships to help students achieve their aviation goals. The Embraer Foundation supports the AOPA Foundation's High School STEM Symposium which brings dedicated educators from around the nation to share insights, ideas, and best practices for starting and building aviation STEM programs. This is the only high school symposium that specifically focuses on aviation and aerospace content. The STEM Symposium has proven to be an excellent opportunity for educators and administrators to discover how they can prepare students for success in these exciting and well-paying careers. ◀



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