



# Pathways to Aviation

**Presentation to the Governor's Workforce  
Investment Board Aerospace and Defense Sector  
Council  
December 2015**

***The Reno Air Racing Foundation, a 501c3 non-profit organization doing business as Pathways to Aviation, was established to encourage and support young men and women to pursue studies and careers in aviation, aerospace and aeronautics; to perpetuate the memory and spirit of aircraft, general aviation and air racing and their places in history; and, to promote and establish relationships with organizations that share and support our common purpose.***

Our vision for the 2015 Reno Air Races was two-fold:

1. Showcase the aviation curriculum being adopted by the Washoe County School District; and,
2. Provide an educational experience to all Air Race patrons.



***Aviation Learning Center Classroom Area***



***Heritage Aircraft Display Area***



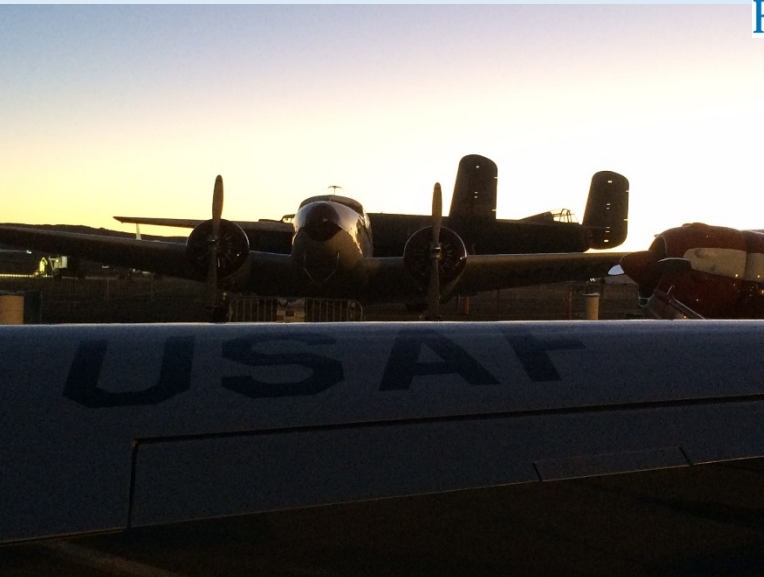
# The world of aviation was presented to tens of thousands of Reno Air Race patrons through a significantly larger footprint.



*Aviation Learning Center*



*Checked Flag Club*



*Military Display Area*



*Drone Zone*

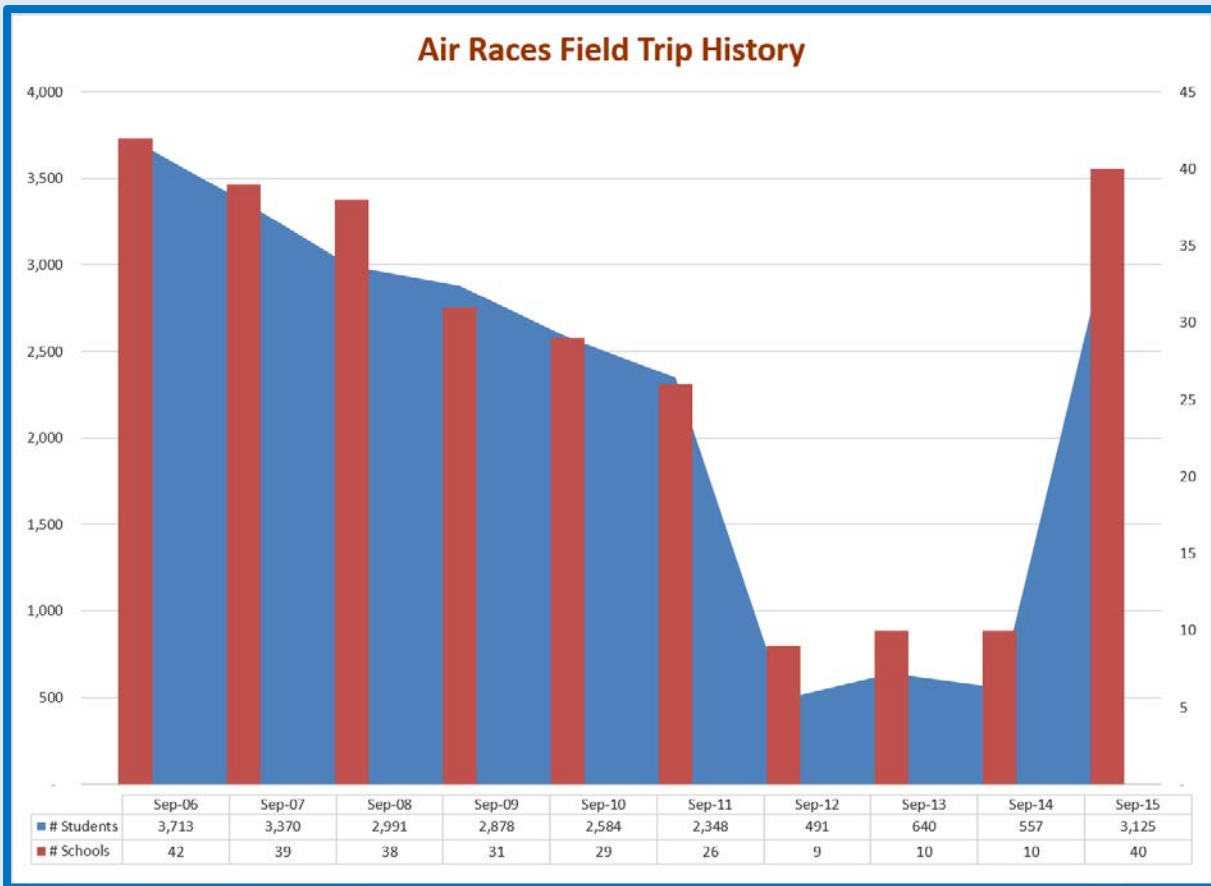
The previously used field trip program was very ineffective. Thanks to a verbal agreement with the Washoe County School District (and their endorsement) a new metrics-driven field trip program was implemented.

Teachers were required to formally apply for a field trip and commit their class to attend at least one on-site class in the areas of:

**Aircraft**  
**Space Exploration**

**Rocketry**  
**Unmanned Aerial Systems**

- Highlights -**
- ✓ 40 Classes Conducted
  - ✓ 3,125 Participants
  - ✓ Grade levels: K-12
  - ✓ 4 Engaging Courses
  - ✓ Impressive Expert Instructors
  - ✓ Exciting Hands-on Activities
  - ✓ Orchestrated Event
  - ✓ Countless Memories





# Comments from Teachers

**The kids loved the class. The instructors were very kid friendly. Students got to participate as well as sit and listen. They loved the Drone Zone.**

Overall this was an amazing field trip. All my students were highly engaged with the extra activities and loved the class we attended.

**Our field trips seem to get better and better. The classroom time in the tent was excellent. It was great to have the Military Displays with the Military personnel. It is hard to narrow down what we enjoyed most. The whole event was such an exciting educational experience and we were blessed to participate.**

I love the information and the activity in on-site class. The interactions between the simulator personal and children.

**Students who could not afford to go to the races otherwise finally have a chance to.**

The field trip was a fantastic experience for students, teachers, and parent chaperones! We loved the space exploration class where students got to design virtual Mars rovers.







**Industry leaders, political figures, and hall of famers boosted our educational quest to an astonishing stratosphere!**





## **Plan for Reno Air Races (September 14-18, 2016)**

- ✓ **An even larger footprint**
- ✓ **Expected Field Trip Attendance: 5,000 (already at 1,350)**
- ✓ **Enhanced class and experiential learning**
- ✓ **Heavy careers focus**
- ✓ **Industry and Entrepreneur Checkered Flag Club**

[www.PathwaysToAviation.org](http://www.PathwaysToAviation.org)