

Aspen Aerospace Alliance

Fall

2012

Aeronautics



Aviation and Aerospace offer real-world, age-appropriate examples in Science, Technology, Engineering and Mathematics to students from Kindergarten through Twelfth Grade.

Engineering



We need to inspire our students to want to become our next generation of innovators, designers, and entrepreneurs that will lead us back to being a nation of producers and technology leaders.

Research



Students at all grade levels will be challenged and stimulated to explore through classroom and extracurricular aeronautical activities designed to be project based, hands-on and student centered.

Opportunities



Following the Aspen School's well-established model of experiential education, students in this program will be exposed to many facets of aviation and aerospace.



It's about kids.

And through our children, it's about our future.

By providing this innovative educational opportunity, our children will be the beneficiaries of practical applications in Mathematics and Science. The Aerospace and Aviation Industry in our state is the second largest in the Nation and is a key component to our state economy. The lessons our students learn through this program help support these businesses in our state by providing "home grown" talent with the skills our high-tech companies need.



The full-motion flight simulator is the educational hub of this program and a key component to our program's sustainability. It will allow unique experiential classroom opportunities as well as cost reduction in our flight training.

Membership: Join Us

Your participation is the key.

We offer several levels of private and corporate support opportunities:

- ◆ Platinum Level Membership - \$50,000
- ◆ Gold Level Membership - \$20,000
- ◆ Silver Level Membership - \$10,000
- ◆ Bronze Level Membership - \$5,000
- ◆ Patron Level Membership - \$1,000
- ◆ Supporter Level Membership

All contributions are tax deductible. Tiered program advertising opportunities and special recognition are available to Silver Level Membership and above. Naming rights for certain program elements will also be considered. In-kind and matching fund contributions will also receive special

PHASE I: The Academic Integration of Aviation and Aerospace lessons in the current architecture of the Aspen Public School. This phase is well underway. Our Aviation Director partners with teachers to provide educational modules for Kindergarten students through Seniors in High School.

PHASE II: Establishing our Experiential Simulations Department by acquiring a Redbird FMX Full-Motion Flight Simulator to be housed on the grounds of the Aspen School District. Not only is it designed for efficient and effective flight instruction, it can also be adapted to provide exciting experiences for classrooms by "transporting" children to the far corners of the world through the HD, 3-Dimensional graphics in the cockpit and on the external large screen television. This Advanced Aviation Training Device will also be the cornerstone of our Aspen AERO AV8R Summer Camps for Science, Physics, Mathematics, and Aerospace.

PHASE III: Establishing the Aspen AERO AV8R Flight Academy. This is the part of the program where students can *earn* the right to obtain their Private Pilot Certificate.

PHASE IV: Establishing the Aspen AERO AV8R Network. This will allow other participating school districts to benefit from our educational modules and experiences where appropriate.

To make a donation, or for more details, please contact:

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