

# Your Success is our Objective



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



# What is ASA

- **ASA is a non-partisan organization of Lt. Governors and other top-ranking state leaders.**
- **Why Lt. Governors?**
  - **Political Connection at top of State Government**
  - **Have Time to Focus on the Aerospace Industry in their State**
  - **Want a Portfolio of Accomplishments Important to Their State**
- **ASA represents states' interests in federal aerospace and aviation policy development.**
- **ASA advocates on behalf of states for:**
  - **R&D funding,**
  - **workforce training,**
  - **economic development in aerospace and aviation,**
  - **excellence in math and science education in every state, and**
  - **keeping states competitive in a global marketplace.**



# Role of the States in Aerospace

- Educate and train aerospace professionals (the next generation of scientists, engineers and entrepreneurs) who will pioneer the frontiers of space.
- Develop, test and incubate new technologies across a wide spectrum of corporate, academic, and private innovation infrastructures.
- Sponsor aerospace conferences and business roundtables to enable networking among key aerospace leaders.
- Facilitate attractive tax structures, leverage venture capital, and seed public-private partnerships to promote entrepreneurship and expand space enterprise.
- Provide adequate infrastructure (e.g., roads, communications, internet access) and leverage unique geographical assets (e.g., landforms, location, climate) to develop terrestrial analog test sites.
- Dedicate public lands for space launch and other space-related activities, and create space research and education centers to both support these programs and facilitate technology transfer.
- Convey the multiple scientific, educational and commercial benefits of space exploration to the general public.

# Recent ASA Accomplishments

- Continued to support the Real World Design Challenge STEM initiative, and signing MOUs with FAA Administrator Michael Huerta and Embry Riddle Aeronautical University;
- Developed a vision for space exploration;
- Submitted a white paper to the White House Office of Science and Technology Policy to recommend that the U.S. Space Transportation Policy be expanded to include state-sponsored spaceports as recognized national space assets;
- Held our annual meeting in Colorado Springs, CO in April 2015 in conjunction with the National Space Foundation's Annual Symposium;
- Issued guidelines for state legislation concerning UAS privacy issues resulting from input from industry and privacy stake holders. The Council of State Governments has endorsed the guidelines. These guidelines provide balanced information to support state legislation;
- Forming ASA State Chapters to bring together each state's aerospace community to host events to educate their state legislators on issues important within the state. We would welcome your participation in a states chapter;
- Created a daily ASA Briefing to keep you informed of Aerospace issues in states and across the country;
- Hosted this Foreign Direct Investment Expo in partnership with the U.S. DoC.



# Real World Design Challenge

- The Real World Design Challenge (RWDC) is an annual competition that provides high school students, nationally, with the opportunity to apply the lessons of the classroom to the technical problems currently faced in the engineering field.
- The goal of the RWDC is to motivate and prepare students for Science, Technology, Engineering and Mathematics (STEM) fields.
- The RWDC leapfrogs previous STEM programs by using real CAD software to respond to a real world challenge, and it is free to students and schools. Students not only get inspired, they get experience in doing what they will do in college and industry with real world software tools.
- The beauty of the RWDC is that more and more schools can be added to the challenge without increasing the funding required to run the program. This is because mentors and judges are all volunteers so the only funding need is to bring the winning team from each participating state to DC for the final competition.
- Each year students are challenged to optimize the design of an aircraft.
- The RWDC is going into its seventh year of operation. To date 3,174 teams with nearly 17,000 students have participated in the Challenge. Teams from all 50 states have participated in the RWDC.
- Most recent data analysis showed that 42.2% of RWDC students self-reported as being a member of a minority group. To date 98% of the State Champions have gone on to university study.



# Chapter of ASA

- **MISSION:** To educate, coordinate, facilitate, and advance the aerospace community **within each state** through policy development, educational discussions, and focused events, involving state elected and other government officials.
- **GOAL:** Establish active state Chapters in all 50 states and 5 territories within 5 years. The chapter's primary goal will be to host at least one aerospace educational event each year for their state legislature. Over time, each Chapter is to become a key resource for state policy makers. The Chapter is to become the repository of information for the state's aerospace community and connection to ASA at the national level.
- **MEMBERSHIP:** ASA Members and Associate Members, Government officials and staff, allied organizations and associations, and universities and colleges.
- Find out more at [www.aerostates.org](http://www.aerostates.org) or [AerospaceStates@comcast.net](mailto:AerospaceStates@comcast.net)



# Let's Hear From the Chapters

- Alabama
- Arkansas
- California
- Colorado
- Florida
- Georgia
- Ohio
- Nevada
- New Mexico
- South Carolina
- Utah