

Describe any publicity for the event:

Mailed fliers to members.
Posted regular Bulletin Boards and website.
Emailed to other Sect 6 officers

Explain how this event supports Public Policy:

Creates support and publicity for industry high profile projects.

Describe activities that inform the public and section members and activities that support government officials that are not shown above. (max 500 words)

Number of members/officers attending Congressional Visits Day:

Describe your section's involvement in Congressional Visits Day. Did your section develop a local CVD message/position/inputs? (max 500 words)

Describe any involvement with science organizations, vocational guidance, speakers' bureau, science fairs, etc. (max 500 words)

No supporting Material uploaded for this section.

No supporting URLs uploaded for this section.

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ST. LOUIS

PUBLIC POLICY

The Public Policy Award is presented to sections for stimulating public awareness of the needs and benefits of aerospace research and development, particularly on the part of government representatives, and for educating its members in the value of public policy activities.

EVENTS

Date	Name	Speaker
15 Jul 04	The System Architecture of Sandstorm for the DARPA Grand Challenge	Phillip Koon
Speaker Affiliation:	DARPT	
Meeting Type:	Other	
If "Other", what type:	Evening, light refreshments	
Attendance:	28	

Description of Event:

Phillip Koon is a Boeing Engineer who worked on the Carnegie Mellon University's "Red Team" for the DARPA Grand Challenge. Phil has been providing the Red Team systems engineering and power system design services for the "Red Teams" vehicle. The DARPA Grand Challenge is a race of autonomous unmanned ground vehicle from Los Angeles to Las Vegas. Phil presented lesson learned in the rapid prototyping environment that Carnegie Mellon employed in the six months time frame to develop an autonomous vehicle. Soda and chips were provided along with free admission.

Joint Sponsorship? With what group(s)?:

None

Describe any publicity for the event:

Flyer mailed to all St. Louis AIAA members. Boeing electronic announcement in "Daily News". The meeting was also announced in AIAA St. Louis Section newsletter.

Explain how this event supports Public Policy:

From a public policy standpoint, much of the work on this project is focused on the development of the integration of systems, utilization of multi-functional coordination all of which when applied will result in reduced costs of development, reduction of redundant systems within the military network leading to reduced costs to the nation

Date	Name	Speaker
25 Sep 04	Children's Carnival	
Speaker Affiliation:		
Meeting Type:		Other
If "Other", what type:		Booth
Attendance:		2000
Description of Event:		
<p>The St. Louis section purchased a booth at the Children's Festival held on Saturday, 25 September, in Edwardsville, IL. The carnival was very well attended, over 150+ contacts were made, and we distributed 50+ Educator Associate packets. The ping pong ball experiment to demonstrate Bernoulli's Law was set up for visitors to try. The kids enjoyed trying to move the ball from one glass to the next without using their hands - and were amazed when they did it! The new AIAA banner was hung behind the tented booth and flight videos played throughout the carnival. Tim Williams and Karen Copper hosted the booth.</p> <p>The children also enjoyed picking up AIAA Evolution of Flight posters, balsa flyers, foam shuttles, AIAA tattoos, Careers in Aerospace and sheets with numerous website relevant URLs, and Educator Associate packages were distributed at the event.</p>		
Joint Sponsorship? With what group(s)?:		
<p>Children's Museum, Edwardsville, Illinois</p>		
Describe any publicity for the event:		
<p>In addition to the flyers being posted on bulletin boards and in the AIAA Gateway newsletter, announcements were published, as example shown below, in the Boeing daily electronic news distributed via e-mail to all Boeing employees. AIAA members were also e-mailed notices of all section events. The following advertisement paragraphs were extracted from the Boeing News Now St. Louis editions. In addition, announcements for all PCO events were included in local community calendars on the St. Louis Post Dispatch web, http://www.stltoday.com/stltoday/calendar/pickers.nsf/SS/Home-Calendar?OpenDocument&from=20050319&to=20050523 and the local television station KMOV's website at http://www.kmov.com/community/stlcalendar_frameset.htm</p> <p>See flyer, http://mesun4.wustl.edu/~aiaa/cc2004.pdf</p>		
Explain how this event supports Public Policy:		
<p>Participation in the Children's Carnival introduced many people to AIAA and the St. Louis section. They learned of our goals and objective related to children and education at all levels, in support of the Workforce 2025 strategic plan.</p>		

Date	Name	Speaker
27 Jan 05	Shadow Craft - A World of Secret Flight	Scott Miller
Speaker Affiliation:		AIAA Distinguished Lecturer
Meeting Type:		Dinner Meeting
If "Other", what type:		
Attendance:		115

Description of Event:

During the social hour, video presentations of student projects were on display.

Each sponsoring organization welcomed the audience and shared any upcoming event information for their group. A table with membership information and displays were set up for folks to partake.

Scott Miller presented his insights on Shadow Craft — A World of Secret Flight

A great deal of aircraft development in America has taken place in secrecy. The U-2, SR-71 Blackbird, B-2 Spirit Bomber, and F-117 Stealth Fighter are some now high-profile examples of once hidden efforts. If you believe the recent and rampant rumors, there are more secret aircraft currently hiding in the shadows.

The existence of these rumors, at minimum, provokes the public interest and generates lots of questions. For example, what goes on in "Area 51" and what specifically has happened or might now be happening in the secret or "black" world? What new technologies and missions are associated with the rumored planes, where are they built and based, and how many are operational? Is it actually possible to build a visually stealth airplane? Are some of the aircraft unmanned? Does the hypersonic vehicle popularly called "Aurora" really exist?

There are obviously many questions, with elusive and interesting answers.

The presentation will summarize many of the rumors and review publicly available evidence that suggests the existence of secret aircraft projects. The viability of the rumors and evidence will be discussed and some additional ideas will be offered.

Everyone loves a mystery. Who knows what craft lurks in the shadows, hinting at an exciting world of flight?

Everyone enjoyed the presentation and many questions were asked.

Joint Sponsorship? With what group(s)?:

This dinner was a co-sponsorship with the AIAA St. Louis section and the student chapter at Parks College, and St. Louis sections of American Helicopter Society, Society of Automotive Engineers, American Society of Mechanical Engineers, and Experimental Aircraft Association

Describe any publicity for the event:

Flyers distributed to AIAA members and within Boeing. Notices were sent to the Boeing retiree club, SAGES. Announcements were placed in local on-line calendars.

Explain how this event supports Public Policy:

Much of the secret world of flights, its funding and use fall within the realm of public policy

Date	Name	Speaker
05 Feb 05	30th Annual St. Louis Flight Safety District Office (FSDO - FAA) Super Safety Seminar	
Speaker Affiliation:		
Meeting Type:	Other	
If "Other", what type:	Seminar	
Attendance:	110	
Description of Event:		
The St. Louis Section is a co-sponsor of this two day (5 - 6) pilot education seminar directed primarily at the general aviator and enthusiasts.		
from the promotional materials:		
Whether you fly for a major airline, personal pleasure, or anything in-between, the St. Louis FSDO Super Safety Seminar is a forum that will increase the aeronautical knowledge of all aviators.		
This years Super Safety Seminar will include expert speakers discussing many of the issues all pilots should know about or be aware of in todays flying environment. Topics will include SpaceShip One/aerodynamics, airport operations (LAHSO), collision avoidance, glass cockpits, complex and high performance aircraft and weather analysis & decision making. Flight instructors attending to renew their authorization will have to attend a second day to fulfill the requirements of the FAA approved course of renewal instruction. The Super Safety Seminar is open to everybody interested in aviation.		
Joint Sponsorship? With what group(s)?:		
FAA, EAA, FSDO		
Describe any publicity for the event:		
Throughout the communication networks of all co-sponsoring organizations. The publicity avenue for St. Louis was through the newsletter and the Boeing internal news announcements		

Explain how this event supports Public Policy:

The rules and regulations related to the safety of the pilots, passengers and those on the ground is a vital concern to the public.

Date	Name	Speaker
24 Feb 05	Future Space Transportation: Where Now?	Gene Austin
Speaker Affiliation:	AIAA Distinguished Lecturer	
Meeting Type:	Dinner Meeting	
If "Other", what type:		
Attendance:	25	
Description of Event:	Students made all the contacts with AIAA and Mr. Austin. They made all the dinner arrangements. The St. Louis section coordinated publicity, took reservations and attended the registration table.	
	Mr. Austin talks followed the abstract presented in the AIAA Distinguished Lecturers manual. It was thought provoking and lead to much give and take in the question and answer period.	
	A plaque was presented to Mr. Austin by both sponsoring groups.	
Joint Sponsorship? With what group(s)?:	Joint sponsorship with student chapter at Washington University	
Describe any publicity for the event:	Flyers distributed to AIAA members and within Boeing. Notices were sent to the Boeing retiree club, SAGES. Announcements were placed in local on-line calendars.	
Explain how this event supports Public Policy:	The current drive to re-energize space exploration using unmanned vehicles and the required funding to do so are in the realm of public policy.	

Date	Name	Speaker
25 Mar 05	Leadership and the War on Terror	Ernie Wattam
Speaker Affiliation:	Boeing Executive Management and AIAA member	
Meeting Type:	Lunch & Learn	
If "Other", what type:		
Attendance:	74	
Description of Event:	Mr. Wattam drew on his experiences as a U.S. Navy officer, pilot and commander of fighter operations to share with people how important it is to be a good and effective leader in today's high technology environments. The combat experience and training he had and leadership principles are useful when your employees make mistakes and need direction. Special situations where leadership has great challenges overcoming the temptation to give-in when your people depend on you to do the right thing and make the best decisions as it effects them and your organization. He described actual situations where pilots dropped practice bombs without realizing the dangers of doing so outside the limits imposed for safety reasons. Good leadership will have the patience to find all the necessary factors needed from which to base your ever important decisions that affects the lives of others around you. In today's world where threats are ever present, we have even more responsibility than ever before, to be good leaders and do what is right and taking proper corrective action to prevent accidents in the future. This program was offered on 9 and 25 March at the Boeing facilities in St. Louis and St. Charles, respectively.	
Joint Sponsorship? With what group(s)?:	Young Professionals, REACH	
Describe any publicity for the event:	A flyer was sent to all major Boeing buildings, and major college campuses in the St. Louis area and Rolla, MO. The flyer was available on the St. Louis Section web site. The link to the web site with the flyer and brief description were advertised in daily Boeing News for St. Louis each day for 2 weeks prior to and leading up to the day of the event. Email was sent to 500 local AIAA members with the flyer and AIAA Section link.	

Explain how this event supports Public Policy:

The need for ethical behavior and application of integrity in business seems to be challenged at every turn by many in business. This is a public concern as the repercussions to the people is vast and far reaching, resulting in devastating losses to the individual, business and government.

Date	Name	Speaker
19 May 05	Honors & Awards Banquet	Kevin Dolliole
Speaker Affiliation:	Dir. Lambert Int'l Airport	
Meeting Type:	Dinner Meeting	
If "Other", what type:		
Attendance:	45	
Description of Event:		
<p>The annual Honors & Awards banquet is a special night for our section. It is the most formal event of the calendar year. Many members choose to bring spouses to this dinner, to mix and mingle and get a glimpse of the activities surrounding our industry.</p>		
<p>Two Young Professional Awards were presented. Dale Pitt presented Darin Haudrich his award and Chad Winkler received his award from Bill Bower. Each nominator shared with the audience the exemplary work the young men had performed leading to their nomination for this prestigious award.</p>		
<p>The Lindbergh Award: In recognition of a distinguished contribution in applying aerospace technology to improving the quality of human life. This year's recipient was the USTRANSCOM at Scott Air Force Base. This unit of the military transports supplies to the services in 75% of the world and the medical unit transport wounded soldiers to appropriate locations for their best medical care. Brig. Gen. Tim Loftus accepted the award.</p>		
<p>Technical Contribution: In recognition of an outstanding contribution to the advancement of the aerospace sciences in a technical discipline by a Section member or team of members. Michael Bland was honored with this award. Bill Getz presented the award after reading his nomination letter.</p>		
<p>Section Service: In recognition of an outstanding contribution to the Section's activities by a member was presented to Trent Duff for his efforts in expanding the AIAA outreach to young members.</p>		
<p>Tom Mroczkowski explained our role in judging at the Science Fair. The Science Fair winners were announced and acknowledged for their accomplishments.</p>		
<p>We publicly recognize and acknowledge our council, committee members and all who have made this year a success for the section.</p>		
<p>Our keynote speaker was Kevin Dolliole, the newly announced Director of Lambert International Airport. He shared the current status of the airport expansion, impact of the recent reduction of flights for American Airlines to the community, and the plans for the near future economic development that the airport expansion will facilitate.</p>		
<p>Section Chair, Karen Copper, presented Vice Chair, Dale Pitt, with the traditional gavel plaque signifying a turning over of the section to the new council. Dale presented Karen with the national AIAA section chair certificate.</p>		
<p>Joint Sponsorship? With what group(s)?:</p>		
<p>Describe any publicity for the event:</p>		
<p>In addition to the flyers being posted on bulletin boards and in the AIAA Gateway newsletter, announcements were published, as example shown below, in the Boeing daily electronic news distributed via e-mail to all Boeing employees. AIAA members were also e-mailed notices of all section events.</p>		
<p>Explain how this event supports Public Policy:</p>		
<p>The keynote presentation on the airport expansion has a local and regional economic impact. Many political entities were involved in the land acquisition for the expansion, many people were relocated due to eminent domain, and then the consequences of 9/11/2001 on the local airline business --- all concerns to the dinner attendees who live in this metropolitan area</p>		

Describe activities that inform the public and section members and activities that support government officials that are not shown above. (max 500 words)

Final Dinner Meeting and Awards Dinner Features Public Policy Theme:

Kevin Dolloile, the new Director of Lambert - St. Louis International Airport provided his first public speech since taking the job as the new director. He discussed the economic impact of airports to a community, his previous experience with training around San Antonio Airport and his visions for Lambert's future. Kevin took over from Dick Hrabko the interim airport director only two weeks prior to our meeting.

Public Policy Forum Held For New College Hires:

To inform new members of the Aerospace Industry the St Louis Public Policy Chair facilitated a Public Policy Forum on October 14th, 2004 with the REACH organization at Boeing, St Louis. REACH stands for "Regional Events & Activities for College Hires" and it is intended to address the developmental needs of college hires by providing outreach programs, communication with upper management, program contacts, seminars for professional and personal development, social events, and other peer networking opportunities.

Mark Holly introduced the importance of public policy by tracing the history of public policy in the westward expansion of the railroads. Parallels between the railroads and the commercial aerospace are obvious. Bill Carrier, the Director of Design and Manufacturing Engineering, then outlined the likely future developments in aerospace at Boeing. Approximately thirty participants were at the forum which generated a long discussion once the formal presentations were completed. (The introductory presentation is attached)

Section Web Site Provides Links to Public Officials and Organizations:

The St Louis Section has links to Public Policy on its web site for the convenience of the members and the public at large. Legislators, federal, state and local government information is provided. The national AIAA public policy issue site is also represented. Attached is an image of the numerous local links.

The Section's Monthly Newsletter Highlights AIAA Public Policy Issues:

From October 2003 continuing on a space available basis the AIAA national public policy statements were presented in the Gateway News to keep the St. Louis membership abreast of AIAA National policy positions. Typically one issue such as Workforce and Education were highlighted as an issue of concern and the AIAA official national position was outlined. This strategy periodically reminded the membership of the importance of these issues and directed them to the national AIAA website for further information. (A link to the .pdf of the August edition of the Gateway News containing one of the public policy articles is provided. See page 6.)

An informational page was placed on our web & a link e-mailed to our membership regarding budget cuts to research & development for aerospace. The page includes sample letters to send to congress and contact information for the Congressional committee leaders.

Number of members/officers attending Congressional Visits Day:

1

Describe your section's involvement in Congressional Visits Day. Did your section develop a local CVD message/position/inputs? (max 500 words)

This year Leon McKinney represented the St Louis Section At Congressional Visits Day. He also served as Region 5 coordinator for other regional members who were present. These were Barry Hamilton from the Denver Section and Dr Dimitri J Mavriplis of the University of Wyoming at Laramie, Wyoming.

The Public Policy web page links to pertinent articles and information to keep our members abreast of current funding and other political/policy issues in the field. Congressional contact information are also listed.

Describe any involvement with science organizations, vocational guidance, speakers' bureau, science fairs, etc. (max 500 words)

The St Louis Public Policy and Precollege Outreach Chairs have been working closely with the St Louis Math and Science Partnership to see where industry and professional societies can play a role in Math and Science Education. The St Louis MSP is funded in part by the National Science Foundation and participating school districts. Its goals are to provide challenging math and science curriculum for grades 4-8; increase number, quality and diversity of K-12 teachers; create a continuum of professional development for teachers; narrow K-12 student achievement gaps in math and science. One of the ways MSP achieves these goals is through Education Professional Development Circulae with strong math and science content in addition to educational content.

Uploaded Files:

AIAA_May05.pdf [VIEW >](#)

AIAA_2004_Aug.pdf [VIEW >](#)

URL Links

<http://www.me.wustl.edu/~aiaa/policy.html> [VIEW >](#)

http://www.so.wustl.edu/science_outreach/partners/msp.html [VIEW >](#)

http://www.me.wustl.edu/~aiaa/Aerospace_Public_Policy.ppt [VIEW >](#)

<http://www.me.wustl.edu/~aiaa/AeronauticsLtr1.htm> [VIEW >](#)

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