

Thursday, February 4, 2010

AIAA AV Public Policy - You Tube Ad

"Save Constellation" You Tube ad

8 minutes 36 seconds

<http://www.youtube.com/watch?v=a2lQVZmHnJQ>

posted by AIAA AV at 10:07 AM

Tuesday, February 2, 2010

Key Issues : 2010 Congressional Visits Day - 16-17 March

AIAA's 13th Annual AIAA Congressional Visits Day will take place 16–17 March 2010. Ronald Reagan Building and International Trade Center Washington, DC

Goal: Raise the awareness of the long-term value that science, engineering, and technology bring to America.

AIAA Announces "Key Issues" for the 13th Annual AIAA Congressional Visits Day
Climate Change Mitigation
Recruiting, Retaining, and Developing a World-Class Aerospace Workforce
Increasing Emphasis and Funding for Technology and Engineering in STEM
Lessening the Impact of Export Controls on the Domestic Aerospace Industry
Developing An Actionable Strategy for Business and General Aviation
Enabling U.S. Leadership of Human Spaceflight

Expanded Talking Points:

http://aiaa.org/pdf/public/AIAA2010CVD_Key_Issues.pdf

General Event Info:

<http://www.aiaa.org/content.cfm?pageid=129>

Registration Form:

<http://www.aiaa.org/pdf/conferences/registration/cvd10reg.pdf>

posted by AIAA AV at 1:29 PM

Monday, October 26, 2009

LAST DAYS OF HISTORIC WIND TUNNEL - NASA TV

http://www.nasa.gov/multimedia/podcasting/twan_10_23_09.html

This Week @ NASA

LAST DAYS OF HISTORIC WIND TUNNEL - LARC

Employees at the Langley Research Center took part in a celebration for the Center's Full-Scale Tunnel that is scheduled to be demolished early next year. The event included a slideshow presentation of the tunnel's history and a tour through the facility. During the years when Langley was the NACA Langley Aeronautical Laboratory, the tunnel attracted pioneers and luminaries like Orville Wright, Charles Lindbergh, Glenn Curtiss and Howard Hughes.

Robert James Houston: "I went to work in the full scale tunnel on June 10, 1958. It was still NACA, but we knew NASA was coming, and I went to work in the boundary layer and helicopter branch working on vertical lift."

Long Yip: "Went through school and the first thing I did was open a textbook on aeronautics and it had the full scale tunnel, and lo and behold I never dreamed that I would have worked there; so actually coming there was a great experience."

Tests conducted included U.S. World War II aircraft, the P-51 aircraft, the Mercury entry capsule, submarines and NASCAR vehicles. In all 796 tests conducted in the tunnel, some of the results have been crucial to the future of flight. The tunnel often referred to as "The Langley Wind Tunnel" is one of dozens of wind tunnels at the Center.

posted by AIAA AV at 11:46 AM

Thursday, October 22, 2009

Augustine Committee Releases Final Report: AV Public Policy

The Review of U.S. Human Space Flight Plans Committee, headed by Norman Augustine, has provided its final report to the NASA Administrator and the director of the Office of Science and Technology Policy (OSTP). The 157 page report is available on the committee's Web site at <http://hsf.nasa.gov>.

posted by AIAA AV at 3:38 PM

AV Public Policy: House Committee on Science & Technology Comment on Augustine Committee Report

Chairman Gordon and Subcommittee Chairwoman Giffords Comment on Augustine Committee Report

(Washington, DC) – Today, the Review of the U.S. Human Space Flight Plans Committee, chaired by Mr. Norman Augustine, retired Chairman and CEO of Lockheed Martin Corporation, publicly released its final report to the Administrator of the National Aeronautics and Space Administration (NASA) and the Director of the White House Office of Science and Technology Policy (OSTP). The final report was released six weeks after the committee had released its summary report.

Chairman Bart Gordon (D-TN) offered the following comment upon the release of the report:

“While I plan to review the Augustine panel’s final report, the Science and Technology Committee’s September 15th hearing to review the panel’s summary report has already provided me with important information on the state of the nation’s human space flight programs. At that hearing, Mr. Augustine reported his panel’s assessment that a meaningful exploration program can’t be carried out under the budgetary projections that accompanied the Fiscal Year 2010 NASA budget request—that more money will be needed if we are to do anything worth doing as a nation. He also reported that his panel had assessed NASA’s Constellation program and found it to be ‘well managed’ and a program that is ‘executable and would carry out its objectives’ if adequate resources are provided.”

“We Americans fundamentally have to decide whether we want to have a human space exploration program or not—if we do, the Augustine panel makes clear that we will need to invest additional resources. Why should we pursue exploration? As the Augustine panel notes in its final report, human exploration can offer many tangible benefits to our society including *‘driving technological innovation; developing commercial industries and important national capabilities; and contributing to our expertise in further exploration...and can contribute appropriately to the expansion of scientific knowledge.’* In addition, the Augustine panel notes that *‘these more tangible benefits exist within a larger context. Exploration provides and opportunity to demonstrate space leadership while deeply engaging international partners; to inspire the next generation of scientists and engineers; and to shape human perceptions of our place in the universe.’* Thus, the president has a clear and important decision to make, and I want to work with him to craft a productive path forward for the nation.”

Space and Aeronautics Subcommittee Chairwoman Gabrielle Giffords (D-AZ) added:

“When Congress wrote and enacted last year’s NASA Authorization Act, it anticipated essentially all of the issues mulled by the Augustine panel this summer. In endorsing the Constellation architecture, Congress made clear that it saw a return to the Moon as just the first step in a flexible program of human and robotic exploration of the solar system. Congress also embraced the potential of international cooperation to make the nation’s exploration program more productive and cost-efficient. Congress saw the utility of the International Space Station and directed that it be capable of extension at least through 2020. Congress also stressed the importance of a robust technology development

program as well as engagement of the commercial sector as appropriate—recognizing the potential of the commercial sector to support NASA's low Earth orbit activities in the future, but also making clear that we are not prepared to have our astronauts' access to space held hostage to purchases of seats from non-existent commercial providers. We also advocated for additional resources to ensure that these important initiatives can be carried out successfully. While I look forward to reading the Augustine panel's final report, Congress has already made its decisions on the issues considered by the panel. Now that both internal and external independent reviews have confirmed that the Constellation program is being well executed, we know what needs to be done. Let's get on with it and cease contemplating our collective navels. I have no doubt that the president will see the inspirational, geopolitical, scientific, technological, and myriad other benefits of a revitalized commitment to our nation's space program, and I look forward to working with him to usher in a grand new era of exploration and science."

The Committee held a hearing on the summary report on September 15, 2009

<http://science.house.gov/publications/hearings_markups_details.aspx?NewsID=2590> .

For more information on the Committee's work on NASA

<<http://science.house.gov/RelatedByTag.aspx?KeywordID=2>> , please see our website

<<http://science.house.gov/>> .

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posted by AIAA AV at 3:36 PM

Wednesday, August 6, 2008

AIAA Spot Bombing Contest

All

Thanks for coming out to the Spot Bombing Competition last Saturday. This e-mail is going out for coordination to get all the pictures everyone took and put them in a central place for everyone to see. Kia offered to put them on the AIAA section website so I suggest all pictures are sent to her. Five teams competed and the winning scores were:

Team Closest Hit Average

First Place: 2 27.5' 69.3'

Second Place: 4 46' 152.3'

Third Place: 3 93.7' 168.2'

Fourth Place: 5 137' 170.0'

Fifth Place: 1 240' 280.4'

Thanks

posted by Eric Miller at 10:51 PM

Monday, July 7, 2008

Spot Bombing Competition & BBQ

AIAA AV,

The Spot Bombing competition and BBQ has been rescheduled for August 2 at 8am. Same plan as before, teams will consist of one pilot, one navigator, one bombardier, and one flight engineer. Pilots must be Aero Club members that are current and have 150 hours of flight time. If you don't have a team, we can assign you to a team with a qualified pilot. Come out and test your skills at dropping flour bags at a bulls-eye from the sky. The team with the best aim wins a free BBQ lunch.

To participate, RSVP to aiaa.av@gmail.com by Wednesday July 30th.

Time: August 2nd at 8am

Location: Edwards Aero Club

5 Seller Ave

Edwards Air Force Base

Entry Fee: \$35 Per person to participate

BBQ lunch: \$5

Good luck to everyone,
Eric

posted by Eric Miller at 9:31 PM

Tuesday, June 24, 2008

When Did You Know?

AV AIAA,

When did flight capture your imagination? Is there a moment in time when you knew Aerospace was your passion? I want to encourage everyone to log onto www.aiaa.org/ShareYourStory to read the 100+ "moments" already recorded and to add your own personal story. It would be great to see how local AV AIAA members got started down the path to an Aerospace career.

posted by Eric Miller at 5:16 PM

Wednesday, June 11, 2008

Lawrence Sperry Award Nominations are now open!

Do you know a young professional of notable contributions in the field of aeronautics and astronautics? If you do, nominate them for the Lawrence Sperry Award to recognize them for their achievements. Many distinguished individuals in the industry started out as AIAA young professionals:

- 1937: Clarence L. (Kelly) Johnson, Recognized for important improvements of aeronautical design of high speed commercial aircraft for developing the Fowler flap on the Lockheed Model 14.
- 1954: A. Scott Crossfield, Recognized for being the first man to fly twice the speed of sound at the age of 32.
- 1966: Joe H. Engle, Recognized for flight testing the NASA-USAF X-15 research rocket airplane and earning astronaut wings.
- 1967: Eugene F. Kranz, Recognized for contributions as Flight Director of Mission Control at NASA
- 1972: Sheila E. Widnall, Recognized for aerodynamic research, later became Secretary of the Air Force and President of AIAA
- 1980: William F. Ballhaus, Jr., Recognized for significant contributions to Computational Fluid Dynamics as Director of Astronautics at NASA Ames.
- 1984: Sally Ride, Recognized for being the first US woman in space at age 32.
- 1990: Ilan M. Kroo, Recognized for outstanding research in aerodynamics and multidisciplinary design optimization
- To search for the full list of Lawrence Sperry Award winners go to:
<http://aiaa.org/content.cfm?pageid=194>

While this list of past recipients is impressive, don't let it intimidate you. These examples prove that young professionals do make a difference to our profession – don't overlook the contributions being made by the young members of your company!

We know that young professionals are out there today doing amazing things, and we need YOUR help to find and recognize them. Please take a few moments to consider if you might know a young engineer (under the age of 35) who has made outstanding contributions to the field of aeronautics and astronautics. The small amount of effort it takes to nominate and recognize the efforts of a young professional will bring both you and the candidate a great feeling of satisfaction!

Act now! Nominations are due July 1st! AIAA members may place an online nomination by logging into My AIAA, <http://www.aiaa.org/content.cfm?pageid=332>.

To obtain a nomination form, visit <http://www.aiaa.org/content.cfm?pageid=292>.

Please contact Carol Stewart at carols@aiaa.org if you have questions about the Lawrence B. Sperry Award. Thanks!

posted by Eric Miller at 7:36 AM

Tuesday, May 27, 2008

AIAA AV Update

AIAA AV,

My name is Eric Miller. I would like to start off by introducing myself as the Vice Chair for Public Policy. I currently work at NASA's Dryden Flight Research Center in the Structures Branch. I am an enthusiastic aviator and a supporter of the local AV aviation community.

I would like to take this opportunity to encourage everyone to come out and join us for the Spot Bombing Fundraiser this upcoming weekend. AIAA AV has partnered with the Aero Club and the Make-A-Wish Foundation to bring you this exciting event. Scott Beatty, VC for Member Affairs, is organizing the event. See the Events Page for more info.

Form your teams and RSVP ASAP to aiaa.av@gmail.com!

Attention all young professional members. If you are looking for opportunities to get involved or network with more experienced engineers in your field, AIAA offers many opportunities to do so. AIAA considers young professional members those who are under the age of 35. Lydia Szeligowski is the chair for Young Professional Development and can help you find out more about opportunities available to you.

To contact Lydia, send an email to aiaa.av@gmail.com. If you have any suggestions for young professional events, we would love to hear those to.

Thanks,
Eric Miller
Public Policy

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American Institute of Aeronautics and Astronautics
Antelope Valley Section
www.aiaa.av.org

posted by Eric Miller at 10:34 PM

Saturday, November 17, 2007

History: Bellman and Matranga



This photo Nalin and I found in the archive is that of Donald Bellman and Gene Matranga of NASA Flight Research Center (probably taken in the 1964-66 timeframe). Bellman was the PM and Matranga and Drake (not pictured) were engineers on the Lunar Landing Research Vehicle (LLRV) project in 1964-65.

-Jeff Veselenak, AIAA AV Executive Advisor.

More info is at the [Dryden Fact Sheet for the LLRV](#).

Do/did you know these two gentlemen? Did you work on or with the LLRV project? We'd love to hear your story. Please click below to leave your comments on this post.

Labels: history

posted by AIAA AV at 12:03 PM [3 Comments](#)

Anonymous said...

Although I worked at the AF Rocket Propulsion Lab in the 60's, I knew them both, Don much better than Gene. Don went to St.Paul;s Episcopal Church and was quite active. He was the Senior Warden for a number of years and very active with his wife Betty with youth ministry. She founded the Lancaster Parent Nursery which existed for over 45 years. Don died about 10 years ago after retiring and later moving to the Santa Barbara area.
Richard Spann

November 24, 2007 12:34 PM

[marc101](#) said...

Don is my grandfather. After he left NASA, he devoted much of his energy to organizing interdenominational Christian conferences on the Holy Spirit. He helped my parents move to Santa Barbara and consequently I grew up there. He's a great man that I barely got to know, but I enjoy learning now about his work at NASA. Two weekends ago at Betty's 90th birthday party, I met Bill Schweikhard who worked with Don and graduated with Neil Armstrong. Bill's stories about Don are invaluable to me.

- Marc Madrigal

November 14, 2008 2:28 AM

Anonymous said...

Gene Matranga is my grandfather. I dont have much to say about the other man. But i love what they did. It is very fascinating to me. I love being a matranga!!!!

January 13, 2009 10:33 PM

Monday, November 5, 2007

Scaled Thank You Letter

Thanks to the generosity of AIAA AV members, we were able to donate a consolidated check for \$225.00 to the Scaled Family Support Fund, which was set up to assist the families of those killed in the tragedy that befell the famous Mojave-based company some time back. We received the following from them:

October 16th, 2007

Dear Sir or Madam,

On behalf of the Scaled Family Support Fund, we would like to thank you for your generous donation to aid those affected by the explosion on July 26, 2007.

Your contribution has helped to alleviate some of the immediate needs for the families of Eric Blackwell, Todd Ivens, and Glen May. Your support will also aid those who were injured: Kieth Fritsinger, Gene Gisin, and Jason Kramb.

The families have expressed how astonished they are with the level of generosity, love, and support that has comforted them during this difficult time. Again, thank you for making it possible to help the members of our Scaled Family.

*Sincerely,
The Scaled Family Support Fund*

Labels: community

posted by Nalin at 6:33 PM

Monday, October 8, 2007

AIAA Student Member Benefits

Do you know about the numerous benefits that are provided by the AIAA to college level students who are members of AIAA (membership is only \$20/year)? In addition to receiving [Aerospace America](#), the students can attend many of the nationally sponsored conferences for a significantly reduced price. Additionally, the AIAA provides competitive scholarship funding at the undergraduate and graduate levels as well as the Abe Zarem Award for Distinguished Achievement. There are more details about each of the scholarships below and this year's winners (2007) are listed in the attached press releases. Finally, there are eight different design competitions where there are monetary prizes (\$2,500 win, \$1,500 place, and \$1,000 show) as well as bragging rights. Students can find the details of the competitions at

<http://www.aiaa.org/content.cfm?pageid=210>

Please take a moment to look over these scholarships, awards, and design competitions as well as the listings of this year's winners.

UNDERGRADUATE SCHOLARSHIPS

AIAA provides yearly undergraduate scholarship awards that enable worthy students to further their education in fields compatible with the AIAA objective. The program awards \$2,000 each to a total of 30 students in each of three undergraduate categories of sophomores, juniors and seniors. **The deadline for the 2008/2009 academic year scholarship applications is 31 January 2008.** For more details and an application form, contact AIAA Customer Service at 1-800-639-AIAA or complete the form from the AIAA web site at <http://www.aiaa.org>. In 2007, 5 Sophomores, 12 Juniors, and 13 Seniors received the award, yet only 2 appear to be from Region VI-western United States (although several were from Embry-Riddle and the exact campus was not mentioned so it could have been Prescott, AZ.).

GRADUATE SCHOLARSHIPS

The AIAA also provides annual scholarships awards to Master and PhD students studying topics encapsulated by the AIAA Technical Committees. Some of the awards are for very specific areas of study while others are open to students studying any topic to AIAA's interests. The Orville and Wilbur Wright Graduate Awards are valued at \$10,000 US and are available to any student in the world studying at an accredited university. The Guidance, Navigation, and Control Graduate Award and the Willy Z. Sadeh Graduate Student Award in Space Engineering and Space Sciences are also available to students throughout the world and are valued at \$5,000 US. All other awards are valued at \$5,000 US and are limited to students that are studying at an accredited school within the US. This year 14 awards were made and again, only 2 were from Region VI-western United States.

ABE ZAREM AWARD

Finally, there is the Abe Zarem Award for Distinguished Achievement, given to two master's students: one for aeronautics and one for astronautics. The award winners are given a distinctive bronze medals and a certificate as recognition of their technical excellence at the AIAA Aerospace Sciences Meeting (ASM). Additionally, the student will receive a travel stipend to present his/her work at the established biennial International Conference of the Aeronautical Sciences (ICAS) or the annual International Astronautical Congress. The technical work of the winners will also be submitted for publication in the professional media of aeronautics and astronautics, as well as announced in the media of all other professional societies. In addition to the student's award, the research advisor of the winning student is also recognized for his/her role in guiding the student.

L. Jane Hansen
AIAA Deputy Director, Education
Region VI - Western United States

Labels: education

posted by Nalin at 11:42 AM

Friday, October 5, 2007

AIAA Announces 2008 Associate Fellows

Reston, VA, 24 September 2007 - The American Institute of Aeronautics and Astronautics (AIAA) is proud to announce the 2008 Associate Fellows.

The 2008 Associate Fellow Grade Committee met in August 2007 and selected 172 members for upgrade to Associate Fellow. The Membership Committee approved all selectees.

The requirements for Associate Fellow as stated in the bylaws are as follows: Associate Fellows may be nominated by any AIAA member in good standing and shall be approved by the Membership Committee; a maximum of one Associate Fellow per every 150 voting members may be upgraded annually; nominees must be AIAA Senior Members and have at least 12 years professional experience; nominees must be recommended by three members in good standing of Associate Fellow grade or higher.

The 2008 Associate Fellows will be honored at the AIAA Associate Fellows Dinner on Monday, 7 January 2008. The dinner will be held at the Grand Sierra Resort (formerly the Reno Hilton Resort), 2500 East Second Street, Reno, NV 89595, in conjunction with the 46th AIAA Aerospace Sciences Meeting and Exhibit.

Labels: aiaa news

posted by Nalin at 7:48 AM

Adjunct Profs Needed, CSU Fresno / LUC

Electrical Engineering (Course descriptions shown below)

1. ECE 136L (1 unit) (Laboratory - Spring 2007)
2. ECE 138L (1 unit) (Laboratory - Spring 2007)
3. ECE 186B (3 units) (2nd Part Senior Design Class – Spring 2007)

Design projects in electrical and computer engineering – involves problem solving, critical thinking, and oral and written communication.

4. ECE 128L (1 unit) (Laboratory – Fall 2008)

A sample syllabus for each of the classes 1, 2, & 4 is attached to the accompanying e-mail.

5. ECE 173 (3 units) – Robotics Fundamentals

Introduction to industrial robotics, forward and inverse kinematics, trajectory planning, sensors, microcontrollers, and laboratory experiments.

6. ECE 162 (3 units) – Analog Integrated Circuits and Applications

Analysis of monolithic operational amplifiers; case studies, Wilder and Wilson current sources, linear and nonlinear applications, multipliers, phase-lock loops, phase detectors, higher order active filters, all-pass equalizers, D/A and A/D converters, oscillators, function generators, mixers, modulators, regulators, and system design.

7. EE 259 (3 units) – Graduate Radar Design Class, Ph.D. preferred.

The nature and history of radar, the radar equation, PRF and range considerations, CW and FM radars, MYI and pulse-Doppler radars, tracking radars, radar power generation, antenna types and design considerations, receivers, detection of signals, propagation of radar waves, the effects of clutter, weather, and interference, and examples of radar system engineering and design.

Classes 5, 6, and 7 are potential offerings that will be based on student interest and instructor availability.

Laboratory and Senior Design classes are held at the Lancaster University Center (LUC) at 45356 Division Street in Lancaster, CA 93535 and are open to Antelope Valley students only.

Lecture classes are delivered via Interactive Television to students at the main campus in Fresno as well as to Antelope Valley students. Instruction is delivered using state-of-the-art Distance Learning class rooms at the LUC.

Please provide resumes via e-mail to:

ksantarelli@csufresno.edu

asteele@csufresno.edu

Resumes will be immediately submitted to the Department Chair for review.

Labels: community, education

posted by Nalin at 7:46 AM

Tuesday, September 25, 2007

September Educational Outreach

AIAA AV supported two big educational outreach events this month.



Last Friday (the 21st), Kia, Jinu, John, and members of the AIAA AV Educational Outreach Committee (EOC) staffed a booth at the Salute to Youth career fair for AV pre-college students. AIAA AV was able to reach out to several thousand local students about the career opportunities available for them in aerospace, as well as the benefits of AIAA student membership. We made connections with students, educators, and community leaders in education, contacts which will serve us well in future outreach activities. The number of American students entering math, science, and engineering fields over the past few years has been drastically short of the number of professionals eligible to retire within the same time period. It is our duty as an engineering professional society to ensure that the future supply of bright

young talent is secure, and this event was a great step in that direction. Salute to Youth was the first event for the EOC, and they really came through... great job! I'm looking forward to seeing more of what you have planned. (photo: Dick Albright).

Earlier this evening I visited the Antelope Valley College in order to speak to pre-engineering students about what it is to be an engineer and how to become one. The AVC is partnering with CSU Bakersfield and CSU

Fresno to bring 4-year accredited engineering degrees to the Antelope Valley for the first time. AIAA AV is proud to be playing a key role in making this plan happen by supporting educational events for prospective students. This event was specifically designed to reach out to students thinking about working towards careers in engineering, and to help guide them along in making the right decisions to achieve that goal. The Antelope Valley has long needed local 4-year engineering and technical degree programs, and AIAA AV is helping to make this become a reality.

If you are interested in joining the EOC committee, which I believe is 7-10 strong at the moment, send an email to aiaa.av@gmail.com. You do not have to be an AIAA member to join... we welcome the support and ideas of engineering professionals, educators, local community and civic leaders, and anyone else with a stake in the future of math, science, and engineering education in the AV.

Labels: education

posted by Nalin at 9:09 PM

Sunday, September 16, 2007

RAC-VI Update

The Regional Activities Council, Region VI (RAC-VI) met last Saturday. This is a quarterly meeting of the Regional Director, the Deputy Directors, and the Section Chairs from all over our region; we meet to discuss issues we have been having, ideas for new programs, and to get the update from AIAA National.

First off, mad props (highest compliments, for the older crowd) to Kia for setting up an awesome new website and getting this blog working. We have received many compliments from the Regional and National level for being the first AIAA Section to explore this medium of communication. I would like to see a gradual transition to having this blog serve three functions that were previously separate: updates, newsletter, and forum. I will continue to send out updates via email, but they will also be posted here for easy reference later. Articles and such that would normally go in a newsletter can be posted here by any officer (or member, just email us), and anyone is free to post comments under each thread, serving the forum function.

Our updates:

Our membership is at 286 as of September 1st. This is great, but I think we can do better! Think of the thousands of aerospace professionals and related personnel in the AV... I think that maybe they do not see a value in being a member, or just don't know about us. So, my two top goals this year: 1. generate value to members, 2. create a sense of community within AIAA through strong and relevant communication. I think that these tasks must precede any other.

Those of you watching the numbers will notice that the budget I submitted this year cuts funding to areas like educational outreach and local community programs. My reasoning behind this is that we need to get the membership involved and participating in AIAA AV first, through generating that member value, and then later (maybe next year) we can use our built-up human capital to make more of a difference in the local and education community that we could by plugging along at the existing low levels of participation. So my number one budget priority this year is to provide events and programs that are often enough and quality enough for YOU to value your AIAA membership, and thus feel inclined to participate more in our activities. John and Scott have been helping me immensely in this regard, I don't know how I could accomplish this task without them. And I always welcome YOUR ideas, please look me up in the AIAA member directory or send an email to aiaa.av@gmail.com.

These restructured budget priorities are not to say we are ignoring education completely... our Educational Outreach Committee (EOC), led by Jinu has assembled quite the task force of engineers, educators, and local

leaders to address educational issues in the AV and sponsor what events we can. I've been very pleased with the way things are going with the EOC, and the Deputy Director for Pre-College Outreach had some high praise for our Section's efforts. Great job EOC team, keep it up! My long term plan is to provide the EOC with increased capability and funding as our core membership strengthens.

Thanks for everyone's kind contributions to the Scaled Family Support Fund. The tragedy at Scaled Composites affects us all as neighbors and colleagues. AIAA AV was able to send a consolidated check for \$225.00 to the fund thanks to your help.

We are still proceeding with our plan to host an "AV-ation History Symposium" this year, though logistics have pushed us to delay it until National Engineers Week in February. This will allow us more time to acquire speakers and work with other organizations (such as SFTE, SWE, the AV 99's, and EAA) in the planning efforts. Jeff has been spearheading this effort (along with his many other functions) and I'm looking forward to seeing how this develops. I hope we can start a new annual tradition here!

That's all for now, stay tuned.

posted by Nalin at 10:23 AM

Tuesday, September 11, 2007

Upcoming events

I've had many requests to balance Palmdale/Lancaster events with events held further north, so here are two:

1. A quick reminder that we will be having an informal happy hour and social at Coach's in Rosamond this Thursday the 13th from 4:30pm onwards in the back room. Relax over a pint and/or some pub food, and meet some of your AIAA officers and colleagues. I hope to see you there! No RSVP necessary. (AIAA is not buying).

2. Also, and I apologize for the short notice, but our VC for Events and Programming, John, has put together a great dinner meeting for us next week. On the evening of **Thursday, Sept. 20th**, we will be hosting **Charles Pooley** at a **location TBA in Rosamond**. Price will obviously depend on the location, but I would expect it to be quite reasonable. I will send out a flyer with more information and the location as soon as they are available. **Please RSVP** to aiaa.av@gmail.com with the subject line "Dinner RSVP".

About the talk:

"Microlaunchers: The Case for Very Small Spacecraft"

Presently the business of space exploration is characterized by very large, expensive systems in which there is limited opportunity for participation by more than a few. Even the recent entrepreneurial efforts tend to involve investments on the order of tens to a hundred million dollars.

Launches are so infrequent that there is little opportunity to increase the scale of involvement.

Drawing on the history of computers of "The Mainframe Era" and what suddenly happened in the 1970's, Pooley describes a pathway that

could in a manner analogous to that of the advent of the microcomputer lower the cost of entry by development of tiny frequently launched vehicles and spacecraft.

Microlaunchers is intended to create an evolutionary pathway that can stimulate new industries and involvement of a much wider population than now possible.

About the Speaker:

Charles Pooley is self employed as a consultant and designer with forty years experience in electronics and electro-optics. His background ranges from two years at sea on an oceanographic ship, involvement in startups, patents, to the design of a sounding rocket.

As president of Pacific Rocket Society he designed and with a small group tested the propulsion for a sounding rocket. Presently located in Mojave, California he is involved with the startup Microlaunchers.

For the past ten years he has been studying issues involved in space entrepreneurship, and the impediments to its development.

Labels: dinner meetings

posted by Nalin at 7:27 PM

Wednesday, August 29, 2007

Welcome to the AIAA Antelope Valley Blog!!

Please use this blog to connect with local aerospace enthusiasts, post events the local aerospace community would be interested in, or comment on section events and outreach programs.

The content in this blog is available to the public, but only the officers may post new topics. If you would like to post a topic, please email the post to aiaa.av@gmail.com. Anyone with a Google/Gmail account has access to comment on the main posts.

Remember:

- This is a public site, so use caution when posting personal information.
- The moderator has the right to remove comments deemed inappropriate for the AIAA AV community.

Enjoy our blog!!

Labels: blog, instructions, purpose

posted by AIAA AV at 9:19 AM [1 Comments](#)

 **AIAA Blogs** said...

Congrats to the AV Section for being the first section to start an official AIAA blog.

Thanks for being our pioneers!

August 29, 2007 11:36 AM