



From the Flight Deck

Chuck Heightland, Section Chair

The council year is now midway through its cycle and the coming months will represent the culmination of last summer's planning activities. Among the major upcoming events planned and are student enrichment programs, a technical training and information symposium, and role-out of the 2003 centennial celebration of flight program. Combined with our normal dinner programs, these activities will help to address the goals that I spoke of in the September Newsletter. Goals and objectives that are slated to aid in the promotion of AIAA's mission, improve recognition of its preeminence in Aerospace issues, and provide for better visibility in the local San Diego professional and lay communities.



An important piece in this process is our aid to the education and the enrichment of the nations future leaders. To this end, AIAA San Diego is joining with local corporate underwriters to bring the AIAA National aerospace student Design/Build/Fly competition to the Western Region and specifically to San Diego for 2003, in conjunction with the Evolution of Flight Celebration. On the mentoring side of the coin, several Council members have provided professional development presentations to the SDSU and UCSD student branches. Of course more is needed, and if you would personally care to contribute your expertise to the process I would be very pleased to help in getting the ball rolling. Call or write me anytime (POB 881464, San Diego, 92168; 760-728-9249).

As a result of the September Newsletter's 'Call For Solutions', I am pleased to announce that we will soon have an AIAA San Diego Web Site. One of our members has generously joined the Council and taken up the challenge of developing the site. As a result, the membership will soon be able to receive up-to-date information on the Section's events and pending issues. In addition, I have also received an offer by a member to help promote the 2003 centennial of flight celebration. Naturally, I quickly accepted the offer, and as a result the AIAA San Diego section will be sponsoring a display table at the February 2002 National Engineers Week Dinner. Let me add that for anyone interested in contributing to the Section, I have an open Council position as the Director of Public Policy.

Let's now turn to a discussion of the role of the professional society in career enhancement. Like many of you, my interest in aerospace went beyond amazement at the ability of machines to fly. The *how* and *why* of it is the carrot that leads us on, to where we take-up the early challenges of a career. First comes the formal training and the hard won understanding of the physics associated with these phenomena. But careers are not built on technical competency alone. To be sure, this is a necessary attribute for any technically oriented career, but not sufficient alone. Thus, the role of the professional society in the career enhancement process. AIAA membership provides the aerospace professional not only a forum in which to grow in competency and to demonstrate this growth to peers, but also access to today's leaders. It has been said that knowledge is the key to the future, but not just technical expertise alone. Career building is a direct function of visibility and networking. Let's hear what several of our leaders have to say with respect to the role of the professional society in general, and AIAA in particular.

Dr. Ivan Getting has had a fabulous career: Honorary Fellow of AIAA, founding president of the Aerospace Corporation, consultant to US Presidents, and most recently recipient of AIAA's Goddard Award for significant achievement in Astronautics. I asked Dr. Getting to provide our members with some thoughts on the subject of professional societies; here's what he had to say:

I started out as a physicist at Harvard. I joined the American Physical Society. It was an absolute must.

One year before Pearl Harbor, I was "drafted" into developing microwave radar at the MIT Radiation Lab. I joined IEEE. Actually I became President of IEEE. Joining IEEE was an absolute must.

In 1960, I became the first president of The Aerospace Corporation, which was charged principally to develop military space systems. Joining AIAA was an absolute must.

In short - go where the action is! - The professional societies, where your professional friends hangout and communicate!

Dr. Getting's statements are true and directly to the point, go where the action is and where today's leaders can observe your interests, enthusiasm and abilities.

Let's also hear from another of our leaders, Mr. John Swihart. Mr. Swihart is a past President of AIAA, a

former corporate Vice President of the Boeing Corporation and an Honorary Fellow of AIAA. When posed the same question, Mr. Swihart said:

I joined AIAA as a student member at Ga. Tech. in 1948. Tech was high on students preparing for and giving oral presentations, and so one of my first experiences was giving a paper on the flying and control characteristics of the Beech 18 (C-45), which the Air Force reserve used at Marietta, Ga., where I was flying in the reserve. I automatically became a member of the Hampton Roads section when I went to work for what is now NASA Langley. NACA, forerunner of NASA, was also high on young engineers giving papers to their peers and bosses at various Division meetings, which took place once a month. So I soon was giving papers at these meetings. This got me exposed to prominent people such as John Stack and Floyd Thompson. They soon proposed to AIAA (IAS) that I give a paper at the big winter meeting in the Astoria Hotel in New York. This gave me an opportunity to visit with other young engineers in not only aerodynamic, but propulsion and structures as well.

These opportunities gave me even greater exposure to the whole community and I was soon on an AIAA airplane design committee, then on other committees, and after I went to Boeing these opportunities became even more prevalent. They helped shape my career through management, and I have continued to enjoy working in AIAA all of my career. Boeing wanted me to present new technological items at AIAA because of the publicity it gave the company. It was very satisfying, and I'm sure it helped my advancement to a company officer and in turn to an AIAA officer and President.

As Mr. Swihart has so very ably demonstrated, the professional society is the place to become noticed, a key ingredient for advancing any career. Before moving on to my last presenter, allow me to pose a rhetorical question to you, our young and mid-career professionals. Where else can you sit down on a nearly equal footing with today's leaders and present yourself without an invitation. Corporate leaders and project managers are always looking for talent. Can your career really fully develop without this exposure?

I would like to now turn to a discussion of the networking attributes of the professional society. I have asked Mr. Hans Weber to provide a discussion of his experiences with the professional society, AIAA in particular. Let me first mention that Mr. Weber is a nationally recognized consultant and expert on aircraft maintenance and airport security devices. He is also a former executive Vice President of the Science Applications International Corporation.

I found my way to membership in the AIAA relatively late in my professional career. For some twenty years I was involved in developing and supplying nondestructive inspection equipment to various industries, including the aerospace industry. As my business and professional interests began to be focused more intensely on inspection of aircraft after the Aloha incident, I realized that I needed to understand the relationship between inspection of aircraft and assurance of structural airworthiness. I concluded that I had better develop an understanding of aeronautic engineering if I was to serve my customers well. This learning process led to interactions with several highly regarded experts in the field, all AIAA members. Before long I was introduced to the AIAA and quickly realized that it provided me with a unique and very valuable resource by giving me, the layman, ready access to experienced professionals in aeronautics.

In conclusion, I would suggest that *all* members at any career level should consider becoming more active in AIAA San Diego's events. You never know what may result from the experience. Life and careers are what *you* make of them. We can only offer the opportunity.

Section Hosts Class of 2003 Ambassadors

Chris Root, Education & Precollege Outreach Chair

A Key component of AIAA's Evolution of Flight Campaign is their Class of 2003 Ambassadors. These special students who graduate High School in the year 2003 were selected by AIAA as a result of an essay contest. Since that time, they have met with distinguished Aerospace professionals and celebrities and been treated to very exciting and educational trips. Highlights to date include a visit to Huntsville, Alabama, where they participated in the Advanced Space Academy at the U.S. Space and Rocket Center. While in Colorado, they visited both the U.S. Air Force Academy and the United Airlines Flight Training Facility. In a trip to Seattle, Washington they had a VIP visit with the Boeing Company and saw the 777 production facilities up close.

Now it's our turn to roll out the red carpet. In early December, the Ambassadors are making their first appearance in San Diego. Beginning their 3-day whirlwind visit on Thursday December 6th, the Ambassadors and several AIAA staff chaperones will meet with our Education/Precollege Outreach Chair, Chris Root, for a tour and luncheon at the Naval Air Depot on historic NAS North Island, the "Birthplace of Naval Aviation." Later that same day, the Ambassadors will participate in a tour of the USS Constellation aircraft carrier while in port at NAS North Island. On Thursday evening, the San Diego Section will host a reception dinner at The Windsock Grill, overlooking Lindbergh Field. Our very own AIAA Distinguished Lecturer, William F. Chana, will

serve as Keynote speaker (refer to event flyer in this newsletter). On Friday morning, December 7th, the Ambassadors will observe the 60th Anniversary of the Attack on Pearl Harbor by attending a commemorative event at the San Diego Aerospace Museum, which includes a fly-over of several historic war birds. This will be followed by a VIP tour of the museum and aircraft restoration area. Friday afternoon will conclude with a tour of one of our local aerospace companies or college campuses. On Saturday, December 8th, the group will head up to Legoland for a little fun and a behind-the-scenes tour with Legoland's design engineers.

The San Diego Section of AIAA is honored to have been selected to play a role in one of AIAA's Evolution of Flight Campaign's more visible activities and to educate and inspire the future leaders of aerospace.

To learn more about the AIAA Class of 2003 Ambassadors, and other Evolution of Flight activities, visit http://www.flight100.org/activities_intro.html.

Reuben H. Fleet Scholarship Nominations
Chuck Heightland

Since 1983 AIAA San Diego Section has joined with the Reuben H. Fleet Foundation (RHF) to honor scholarship and scholastic achievement of San Diego's students. Last year AIAA San Diego awarded a total of \$8,000 to four deserving students.

Do you know a deserving and qualified student? The 2002 competition for the RHF Scholarship is open to all high school seniors and AIAA university student branch members residing within the bounds of the San Diego Section. All AIAA San Diego Section members in good standing are eligible to nominate one student for scholarship award consideration. Past RHF Scholarship recipients may reapply while in college, but must re-compete with the new candidates. To be eligible, high school seniors must be in the upper one-third of their class and must be admitted to an accredited university or college of their choice. Application deadline will be March 31st.

Nomination forms for the RHF Scholarship will be in the mail to our members the last week in December. Watch for them, and remember, all high school seniors and AIAA university student branch members meeting the minimum requirements are eligible.

Membership News
Jim Peterson, Membership Chair

Section membership stands at 452 as of October 1st. We would like to welcome the following members to the San Diego Section:

New Members

William Bell	Zebek, Inc
Robert Callender	
Christopher Eveland	NAVAIR North Island

Keith Flitner
 Tracy Frommelt
 David Griffin
 Steve Harrington
 Jeremiah Hayden
 Judson La Flash
 Eric Laursen
 Dr. Jiang Luo
 Dariusz Roblewski
 Brian Sherman
 Tuan Ton
 David Velasquez
 Aerospace
 Jack Turner

Perkins Elmer
 Booz Allen & Hamilton
 Lockheed Martin
 FloMetrics
 Booz Allen & Hamilton

 Lockheed Martin
 Solar Turbines
 Intelligent Automation Corp
 BF Goodrich Aerospace
 MAXIM Systems, Inc
 ATM BF Goodrich

Transfers-in

Andrea Bettenga
 Jose Cornejo
 Hans Dall
 Victoria Davis
 David Farley
 Bahram Ghodsian
 Charles Griffen
 Russell Gustin
 Richard Harms
 David Herting
 Christy Howard
 William Kincaid
 Stanley Mak
 William McEneaney
 Dr. Ioannis Mikellides
 Dale Myers
 Keiko Nomura
 David Pitcairn
 Laurence Sawyer
 Rodney Schapel
 Lt. Bretchen Swanson

Boeing

 Northrop Grumman
 SAIC
 Consultant
 Biogentik Technologies
 Lockheed Martin

 RJH Scientific, Inc
 DNH Engineering
 MAXIM Systems, Inc
 Orincon
 UCSD
 UCSD
 SAIC
 Dale Myers & Associates
 UCSD
 Northrop Grumman
 ViaSat

If you have changed your mailing address or have a new E-mail address, please call the **AIAA Headquarters Customer Service Center at 1-800-NEW-AIAA** and provide them with the current information. You may also renew your membership via telephone at the same phone number, using a credit card. If you have become unemployed or retired, you may renew at a lower rate.

If you have any questions about membership or advancing your membership grade, please contact Jim Peterson at (858) 279-1940, or email to: jdpete@pacbell.net.

Section AIAA Fellow Honored

The Board of Directors of the Silver Wings Fraternity elected long time AIAA member Bill Chana as national president at their October meeting. The fraternity is an international pilots organization with 19 chapters and more than 2,100 members. Its purpose is to unite pilots who soloed a powered aircraft at least 25 years ago. A goal of Silver Wings is to preserve the rich heritage of aviation and promote its future through its Youth Programs.

AIAA Career Enhancement Services

The AIAA Career Enhancement Committee wishes remind you of the career services that are available through AIAA. They are free to members and detailed information can be found on the AIAA web site at www.aiaa.org. Services include:

The Professional Career Time Line: A checklist of strategic moves for every phase of your career.
Resume Posting Service: Post your resume on the AIAA homepage for free. Get the exposure you need. This service makes your resume available to top-ranked aviation, defense, and space organizations worldwide. Employers can search the database quickly and easily using keywords to match qualifications with requirements.
Job Hunting - Nine Steps to Success: A self-help guide to assist in finding the right job for you.

Online Career Opportunities Listing: Organizations post job openings on the AIAA page, giving members an opportunity to review available positions across the country and abroad.

Career Workshop, Managing your Career in the 21st Century: An annual workshop, held in Reno, NV, that addresses the career issues faced by engineers today. Topics include personal positioning, industry trends, performance reviews, career crossroads, interviewing, and negotiating an offer.

Directory of Consultants: Consultants can post their information in the database. Employers can search for the talent they need.

Other Online Resources: Links to other career-related Internet sites.

Online Membership Directory: A listing of AIAA members. This database helps you stay connected with colleagues worldwide.

September Dinner Meeting

Jim Peterson

The San Diego AIAA Section held a joint dinner meeting with the San Diego Chapter of the International Council on Systems Engineering (INCOSE) on September 27, 2001. The meeting was held at the Best Western Seven Seas Hotel in Mission Valley, after a last minute switch from the ASW Training Center because of elevated security precautions.

The guest speaker was Dr. John Snoderly, who is a Professor of Systems Engineering Management at the Defense Systems Management College. He provides instruction on management of the Systems Engineering aspects of the Department of Defense systems acquisition process. The title of his talk was "Aerospace Systems Engineering – A Government View". Dr. Snoderly is currently the President-Elect of the International Council on Systems Engineering (INCOSE). He is also a member of AIAA.

Dr. Snoderly discussed the need for using systems engineering in the development of large, complex systems, and cited the consequences, both good and bad, using some recent development programs as examples.

For more information about local INCOSE activities, contact Jim Peterson at jdpete@pacbell.net.

SDSU Design / Build / Fly

Greg Marien

The AIAA student chapter at SDSU requests your financial assistance to compete in the 6th annual Cessna/ONR Student Design, Build, and Fly (DBF) competition. The DBF contest consists of designing, building, and flying an unmanned radio-controlled airplane in competition against other aerospace engineering students from around the world. The contest will be held next April in Kansas.

For last year's competition, in Maryland, we placed 20th out of 37 original entries. This was a very successful result, considering that we neither had any experience in building a remote controlled airplane nor any knowledge on what to expect at the competition. We also had to operate on a shoestring budget.

In order to fund our project we hold on-campus fundraisers such as BBQ's and t-shirt sales. We also use our own money to cover some expenses. As you can imagine this is not enough for the magnitude of this project. With your donation, we can purchase materials and cover our travel expenses to Kansas for the competition. We will invest any remaining funds towards next year's DBF competition. Your donations are tax deductible, and we will list all donors in a final report describing our success at the contest.

We hope you agree that participating in these types of activities is an important part of the learning process. Teamwork, a vital skill in engineering, cannot be learned via textbooks. Your donation will aid in giving us a well-rounded education. Below is an itemized list of our budget for this year. If you would like to have your donation go towards a specific item please specify which one when you send your donation.

2001/2002 DBF Preliminary Budget	
Carbon fiber/epoxy supplies	\$450.00
Various home depot supplies	\$300.00
Hobby shop supplies	\$500.00
Fundraising expenses (postage)	\$250.00
Airline tickets	\$1,200.00
Shipping of plane	\$200.00
Lodging costs	\$380.00
Rental van	\$290.00
Total Needed	\$3,570.00

If you have any questions about the competition or how your donation will be used, please contact us through our faculty advisor, George Faulkner, at 619-594-6074.

Checks made out to "AIAA DBF Fund" should be sent to:
Aerospace Engineering Department
c/o George Faulkner
SDSU College of Engineering
5500 Campanile Drive
San Diego, CA 92182-1308

Bylaws Amendments

Bill Chana, History & Bylaws Chair

The Council established a "Bylaws Revision Ad Hoc Committee" to review the Section's Bylaws and make recommendations for amendments. The current Bylaws are dated September 24, 1992. The Ad Hoc Committee members are: Chuck Heightland, Tracie Okada, Jim Peterson, Jim Robinson, Chris Root, and Bill Chana.

After the Ad Hoc Committee makes its recommendations to the Council and they are approved, the modified Bylaws will be available for membership review. AIAA members can request a copy from the Section Secretary, Byron Lowry, P. O. Box 881464, San Diego, CA, 92168. The Council must also approve amendments recommended by members. Following final approval by the Council, the Bylaws will be submitted to the AIAA Region VI Director, who will carry them to the Institute's Board of Directors for approval.

National Engineers Week 2002

Warren Johnson, Professional Societies Liaison

Engineers and their contributions to society will be recognized during National Engineers Week 2002. As in the past, the goal of this week is to raise the public's awareness of what engineers do. This year, National Engineers Week (NEW) is being coordinated by the American Society of Civil Engineers and will be held February 17-23, 2002. Events planned for San Diego's NEW 2002 celebration include tours, mall exhibits, outreach to local schools (K-12) and a walk on water competition. The week's major event will be the Awards Banquet. This banquet will feature a keynote speaker and the presentation of awards for excellence to local engineers and projects. It will be held on Friday, February 22, 2002 at the Double Tree Hotel, Mission Valley.

Four standard NEW awards – Engineer of the Year, Outstanding Engineering Educator, Outstanding Engineering Project and Outstanding Service – as well as several co-sponsored awards will be presented at the banquet. The San Diego Section of AIAA will again co-sponsor an award for "Outstanding Aerospace Engineering Project". Any recent aerospace engineering project constructed or completed within San Diego County is eligible for nomination for this award. Upon selection, a project representative must agree to accept the award in person at the NEW banquet. Nominating an aerospace

project for this award is very simple! It involves providing the project name, company or organization, address or project location and telephone number. In addition, a one-page (or less) write-up summarizing the significance of the project is required. This should include engineering achievements, special obstacles overcome and benefits to the public. Photographs and brochures describing the project can also be included with the one page write-up.

The National Engineers Week – San Diego Committee is currently seeking nominations for the four standard NEW awards as well as the co-sponsored society awards. All nominations must be in by December 31, 2001. All nominations must be mailed or FAX-ed to: Dr Gerald C. Gerace, P. O. Box 87563, San Diego, CA 92138-7563, FAX: 858-826-6587, Phone: 858-826-5140, Email: g.e.gerace@ieee.org. Requests for award nominating procedure information and any other questions should be directed to Dr. Gerace by phone or Email.

This is an excellent opportunity for AIAA members to reward our outstanding engineers and publicize the local aerospace industry's contribution to San Diego and the nation. Please take the time to make a nomination.

Section Events Calendar 2001-2002

2001

- Sep 27 Dinner Meeting – Aerospace Systems Engineering, Dr. J. Snoderly (joint with INCOSE)

- Oct 9 Aerospace Lecture Series – "The Return of the Enola Gay", Paul Tibbets (joint with SDAM)
 - 18 AUVSI - Titan Corp. , UAV Activities Brief.
 - 25 SAMPE - Advanced Materials Forum
 - 30 Aerospace Lecture Series - "Pacific Dive Bomber Pilot", Jerry Coleman

- Nov 13 Aerospace Lecture Series – "The China-Burma-India Theater", John Rossi & James Dalby

- Dec 4 Aerospace Lecture Series - "A Pacific War Symposium"
 - 6 Class of 2003 Ambassadors Reception, Windsock
 - 7 SDAM, "Remembering Pearl Harbor" SDAM Fly-over Aerial Salute

2002

- Jan TBD

- Feb 22 National Engineers Week Banquet

2001 - 2002 San Diego Section Council

Position	Name/Company	Work Phone	Email Address
Chair	Chuck Heichtland, THG Engineering	(760) 728-9239	heichtlandc@tha-enar.com
Vice Chair - Planning	Dan Hearn, Intel Recce Fund	(619) 462-8932	dhearn@cts.net
Vice Chair - Technical	Penelope Ulander, Naval Aviation Depot, NI	(619) 545-3935	Ulanderpi@navair.navy.mil
Secretary	Byron Lowry, Lockheed Martin Systems Int.	(619) 435-4327	Lowry.Byron@H60FIT.nasni.navy.mil
Treasurer	Colin Etheridge, Solar Turbines	(619) 544-5136	Etheridge_Colin_J@solarturbines.com
Program Arrangements	Tom Chandik, General Dynamics (ret.)	(619) 276-8961	
Field Trips	Jim Leland, Naval Aviation Depot, NI	(619) 545-2710	LelandJM@navair.navy.mil
Newsletter	Mike Lazar, Northrop Grumman Corp.	(858) 618-4208	mlazar@ryanero.com
Flyers	Angie Crenshaw, Naval Aviation Depot, NI	(619) 545-7962	CrenshawA@navair.navy.mil
Internet Webmaster	John Ogden		jho@weldmac.com
Community Relations	Quentin Goss, USAF (ret.)	(858) 451-6213	Qgoss@worldnet.att.net
Public Policy	Richard Kuhn, NASA (ret.)	(858) 487-3255	Rekuhn@pacbell.net
History & Bylaws	Bill Chana, W. F. Chana Associates, Inc.	(858) 488-7183	
Region VI Delegate	Keith Glassman, Naval Aviation Depot, NI	(619) 545-3736	GlassmanKF@navair.navy.mil
Membership	Jim Peterson, General Dynamics (ret.)	(858) 279-1940	Jdpete@pacbell.net
Honors & Awards	Doug Armstrong	(858) 451-5637	Drdougarm@aol.com
Professional Society Liaison	Warren Johnson, BFG Aerospace (ret.)	(858) 278-1317	Wmjohanson2@earthlink.net
Young Professionals	Mark Ringlein, SAIC	(858) 826-9064	mark.j.ringlein@saic.com
Education/Pre-College Outreach	Chris Root, Naval Aviation Depot, NI	(619) 545-0626	RootCB@navair.navy.mil
SDSU Faculty Advisor	George Faulkner, SDSU	(858) 270-6604	DGFJR@aol.com
SDSU Student Chair	Tim Lo		
UCSD Faculty Advisor	Robert Skelton, UCSD AMES Dept.	(858) 822-1054	bobskelton@ucsd.edu
UCSD Student Chair	TBD		
AIAA SAN DIEGO SECTION	P.O. Box 881464, San Diego CA 92168		



American Institute of Aeronautics and Astronautics
 San Diego Section
 P. O. Box 881464
 San Diego, CA 92168



THE AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

The San Diego Section Presents:

The Class of 2003 Ambassadors Reception



with Keynote Address by

Mr. William F. Chana

AIAA Distinguished Lecturer

on

The Delta Wing - A United States Development

AIAA's Class of 2003 Ambassador Program: In 1999, members of the graduating class of 2003 were asked to write a 250-word essay based on the following question "In the 20th century, mankind has developed the airplane, broken the sound barrier, walked on the moon, explored the solar system, and started construction of the International Space Station. Why were these events important and what do you think mankind will achieve in the 21st century?" From the entries we received, twenty students from around the world were chosen as Ambassadors to the American Institute of Aeronautics and Astronautics (AIAA) Evolution of Flight campaign. Since that time these special Ambassadors have had the opportunity to participate in field trips around the nation visiting prestigious aerospace related organizations and locations. Now, they are coming to San Diego. Please come out to welcome them to San Diego, learn more about the AIAA Evolution of Flight Campaign, and share your experiences with this next generation of aerospace enthusiasts. Visit the following link <http://www.flight100.org/activities/ambassador.html> to learn more about the AIAA Class of 2003 Ambassadors.

About our Keynote Speaker: Mr. Chana's aerospace career began in 1941 with Consolidated Aircraft in San Diego, CA. He played an active role in flight-testing the XB-24, XB-32, XC-99, TBY, XFY-1 POGO, XF2Y-1 Seadart, and Convair Liners. In the early 1960's he was Convair's Base Manager for the installation and checkout of ATLAS operational missiles at Fairchild AFB, Washington. In the 1950's he built and flight-tested the three small airplanes. He is a fellow of AIAA and SAE, and a member of the EAA, Quiet Birdmen, Silver Wings, and OX-5 Clubs. He is past president of the San Diego Aerospace Museum and was selected as an A. Verville Fellow of the Smithsonian's National Air & Space Museum. He holds a commercial pilot's license. Our speaker formed his aviation design and marketing consulting firm in 1976.

The Delta Wing - A United States Development *The Convair XF-92A jet powered proof of concept vehicle was the world's first piloted 60 degree delta wing aircraft. Learn first-hand about the flight tests conducted at Muroc AFB, later designated Edwards AFB, by both the Convair Engineering Test Pilots –E.D. "Sam" Shannon and Bill Martin – and the Air Force test pilots, Capt. Chuck Yeager and Major Pete Everest. The XF-92A was an aerodynamically stable platform, but the very sensitive fully hydraulic control system masked this stability and made the aircraft difficult to fly by Convair Pilots. The XF-92A was only the second Air Force aircraft to incorporate fully hydraulic flight controls with artificial feel. The other was the XB-35 Flying Wing. A short video includes the XF-92A, XF2Y-1 Sea Dart, XFY-1 VTOL POGO, and F-102 Interceptor, all of which had Delta Wings.*

When: Thursday, Dec 6th, 2001

Where: The Windsock, 2904 Pacific Coast Highway, San Diego, CA, (619) 297-0866

Schedule: Social 5:30, Dinner 6:30, Program 7:30-9:00

Menu: Italian Buffet: Fettuccini Alfredo, Spaghetti Marinara with Meatballs, Salad, Garlic Bread, Dessert, Coffee & Tea or Soda. No host bar available.

Please mail the attached reservation form to the address below no later than Friday, November 30; make checks payable to AIAA - San Diego Section. E-mail reservations will also be accepted, please send email with information below to rootcb@navair.navy.mil no later than Saturday Dec 1st. For questions, please contact Chris Root at (619) 545-0626. Note: If a non-member signs-up to become an AIAA member, the admission fee is waived.

AIAA Ambassadors of Flight Reception at The Windsock – Thursday Dec 6th

AIAA Members \$ 13.00

Non-members \$ 15.00

AIAA Students \$ 5.00

Name: _____

Phone #: _____ Number of Guests: _____

Total Amount Enclosed: _____

Mail to: Chris Root, AIAA Education/Precollege Outreach Chair, 5426 Wellesley Street East, La Mesa, CA 91942