

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

# NEWSLETTER

## CHINA LAKE SECTION

5 November 2000

### ... a word from the Chair

On the fun side, this newsletter is directed in informing the members that another great lunch talk is coming from Boeing. On the serious side, the section has identified some goals that are going to need the support of the membership. We have identified a goal to increase participation of current members in local section activities. One approach is the survey which will give the board an idea of what the members want in talks, dinners, and activities. Please participate because we are also trying to convert to web based information exchange in the hopes of lowering our mailing costs down in line with the funding level from national. We have also identified increasing membership by encouraging new NAWCWD employees and non-members to join. These goals are caused by the fluctuating membership that is mostly driven by attendance to AIAA conferences. The last goal is directed at increasing awareness of the local section within NAWCWD management in order to promote more awareness of AIAA contributions.

The section still has a great precollege outreach activity that will continue this year. The China Lake Section once again sponsored a Rocket class in conjunction with the local Burroughs High School. This last year three of the upper level science classes participated in the program. We received significant support from the Estes rocket company in the form of donated rockets and rockets motors for the class. The class was revised somewhat from last year to include some additional features, including estimating the height of the rockets flight and computing the altitude from elementary ballistics expressions. Several new NAWCWD employees participated in the class, in addition to the same people who started the program last year.

As a last note, we had the change of officers that left several board positions vacant. New blood is sorely needed for ideas and energy. More to come on this subject. The board is energized and focused on making some changes this year and desire feed back from the members. Have a great year.

Frank MacDonald

### SCHEDULE OF ACTIVITIES

- Nov 15 - Luncheon talk (See Page 3)
- Dec 21 - Newsletter
- Jan 18 - Membership Meeting
- Feb 23 - Nat'l Engineers Week Dinner Mtg (hIDEA)
- Mar 15 - Luncheon talk
- April 19 - Newsletter
- May 17 - Dinner (AIAA)
- June 21 - Luncheon talk
- July TBD - Space Observance Mtg (hIDEA)

### AIAA CONTACT LIST

Please check out the local section website for interesting news and hyperlinks at the following address (<http://ridgenet.net/~thehalls/AIAA/>) If you would like to find out more about your local section, you can also get in touch with any of the following officers or council members:

- Frank MacDonald 939-8895 <MacDonaldFD@navair.navy.mil>
- Ed Jeter 939-8492 <JeterEL@navair.navy.mil>
- Edmund Smith 939-7444 <SmithEH2@navair.navy.mil>
- Craig Porter 939-7206 <PorterCS@navair.navy.mil>
- Jim Serpanos(760) 446 - 2838 <SERPANOS@RIDGECREST.CA.US>
- Ed Pillers (760) 446-3507 <PillersBE@navair.navy.mil>
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- Steve Goad 939-9704 <GoadSR@navair.navy.mil>
- David Hall 939-7509 <HallIDE2@navair.navy.mil>

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*Live as long as you may, the first twenty years are the longest half of your life.*

Robert Southey. *The Doctor* (1812). ch. 130

## Preliminary AIAA China Lake Section Survey Results

By: Amy and Ed Pillers

First we would like to say thank you to all those who have filled out the survey so far. We have received 16 back from the 90 who received them, 17.8% not too bad, but we would like that number to get a lot higher. So if you have not filled out the survey please do so. If you don't have a copy then e-mail us and we will be happy to send you a new one ([pillersbe@navair.navy.mil](mailto:pillersbe@navair.navy.mil)).

Here is a run down of some of the quantifiable numbers:

### What is the best way to get event information:

The number one choice was e-mail, 88% (14 of 16).

The second choice was Bi Monthly Newsletters or Flyers, 57% (8 of 14).

The third choice was the Web Site, 21% (3 of 14).

### Newsletter distribution:

86% (12 of 14) wanted the Newsletter to come via e-mail

21% (3 of 14) wanted a Notice to check the web site  
*NOTE: Currently the China Lake Web Site is down while it makes the jump to being hosted from the AIAA National Web page.*

7% (1 of 14) wanted the newsletter in paper form only

### AIAA Functions - Lunch Meeting, Dinner Meetings and Conferences

69% (11 of 16) attended at least one Lunch Meeting

50% (8 of 16) attended at least one Dinner Meeting

56% (9 of 16) attended at least one Conference

*but of those nine, four (44%) only attended*

*Conferences and not local activities.*

### What attracts people to Lunch and Dinner Meetings:

#1 was for the speaker, 56% (9 of 16)

#2 was socialization, 38% (6 of 16)

#3 professional networking, 50% (7 of 14)

### China Lake Technical Conference

63% (10 of 16) said they would like to have a Local Technical Conference

and of those 55% (5 of 9), said they would present at such a conference.

### On Field Trips:

56% (9 of 16) said they would be interested in a field trip

*The Skunk Works being the most mentioned followed by JPL, others were Vandenburg Launch Site, Scaled Composites, X-33 (that might fall under Skunk Works), ILM and RSS Range*

### Social Activities:

63% (10 of 16) said they would participate in a Social get-together

80% (8 of 10) listed Happy Hour

30% (3 of 10) Bowling

20% (2 of 10) Picnic aimed toward entire family

20% (2 of 10) Golfing

Our take from this survey is that most people like e-mail as a way to communicate and get information. Folks like to go to talks where the speaker (assume topic) interests them but while they are there they want to socialize and network. There is interest in a local China Lake Technical Conference but we need a much larger number of people to present than those who said they would present to present to make it worth while. People really want to go to Happy Hour to socialize and a good number of folks would like to go on some field trips.

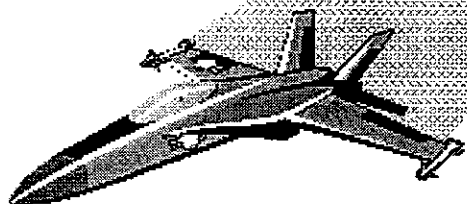
One final comment is that this is YOUR AIAA section. If there is something we are not doing that you think we should, then let us know. The best way to get the results that you want is to get involved. There are many leadership positions that need to be filled, so don't be shy. If a position is not up your alley, that's fine too but try and make some local activities, we like seeing new faces. We look forward to seeing you at a program or happy hour soon.

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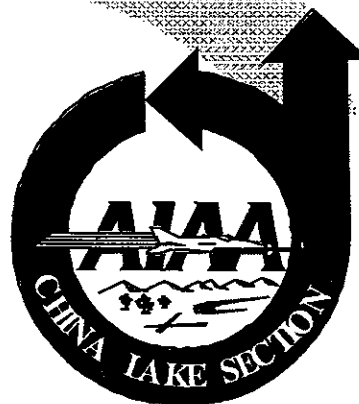
### A Congressman's Lament

Among life's dying embers,  
These are my regrets!  
When I'm right no one remembers,  
When I'm wrong no one forgets.

--- Daniel Webster. from JEFFERSON READER



**AMERICAN INSTITUTE OF  
AERONAUTICS AND ASTRONAUTICS**



**Lunch Program - Everyone Invited & Welcome!**

**DATE:** Wednesday, 15 November 2000

**TIME:** 11:00 A.M. Lunch  
11:30 A.M. Program

**PLACE:** Wreck Center, On Base, Blandy Ave and Hussey Rd.

**Topic:** *"Dog Fighting" - Basic Fighter Maneuvers*

*Introduction to the basics and theory of Basic Fighter Maneuvers. Turn radius verses turn rate, is one better or worse and why? Corner speed and energy, how the fighter pilot uses them. Want to kick your buddies @\$\$ next time you go to Air Combat USA or Sky Warriors, then this is your homework. Bring your questions or ask them in advance, questions are not just limited to dog fighting.*

**Speaker:** Lcdr. Bill "Coach" Rudy

**Lunch:** Order off the Wreck Center's Menu

**Price:** You buy your own lunch

**e-mail Early Questions to:** [pillersbe@navair.navy.mil](mailto:pillersbe@navair.navy.mil)

For more Information Contact:

Ed Pillers

499-7130

Frank MacDonald

939-8895

Ed Jeter

939-8492

## AAUW BREAKFAST BUFFET MEETING

**SPEAKER:** Ms. Carrie Cope  
**SUBJECT:** Discussion of the AIAA China Lake Section-sponsored Introduction to Flight Class  
**DATE:** Saturday, 18 November, 2000  
**TIME:** 9:00 a.m. to 12:30 p.m.  
**PLACE:** Farris' Restaurant, Ridgecrest  
**COST:** \$8.00 per person  
**RSVP:** Carol Marchetti Jeter at 375-8806 not later than 16 Nov 00

The American Association of University Women (AAUW) invites AIAA members to attend a Breakfast Buffet meeting. The meeting will feature Ms. Carrie Cope of Burroughs High School discussing the AIAA China Lake Section-sponsored "Introduction to Flight" class she has coordinated the past two years. This

class was started using a grant obtained from AIAA as part of the AIAA pre-college outreach program. The very successful and popular class allows in-class interaction between professional engineers and students

### DID YOU KNOW ?

*TORNADOES usually spin anticlockwise in the Northern Hemisphere, clockwise in the Southern Hemisphere?*

**MAY**  
*On <sup>^</sup>29, 1986 twelve schoolchildren in west China were sucked up by a tornado. It put them down again on some sand dunes 12 miles away - completely unharmed.*

Reader's Digest, DID YOU KNOW?

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### AIAA NEWSLETTER

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