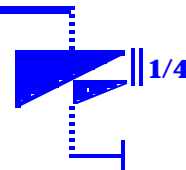


# THE ACRONAUT

## President's Post Angie Niles



How does one get here from there? I haven't a clue.

My parents told me years ago that "if you just keep showing up you'll do better than 80% of the people out there, and if you actually apply yourself you'll break 90%". They

may be onto something. Because of them I showed up to high school and college and sports teams and flying lessons and IAC meetings. And over the years have come the trinkets of proof awarded when one applies oneself ... diplomas and medals and a pilot license and, AAAAaaahhh! IAC chapter 38 President? What kind of reward is that!!! Doesn't everybody know that I'm really still 12 years old inside? Don't you have to be an adult to do this? How could this kid trapped in a middle-aged body have fooled so many? Sigh. All kids care about is having fun right? Well, if it's to be then it needs to be fun. And every kid knows that playtime is lots more fun when your friends come along.

I am very fortunate in that there are many friends in this chapter: a terrific composite of IAC members, officers and Board of Directors whose ideas and advice will, quite frankly, make this year a success. We're not even one month into 2003 and I heavily rely on you. The BoD has already met this year to set the rails for the nuts and bolts activities of the chapter: 1) Dick Rihn is our Contest Director for Paso Robles and I am in awe at how organized he is 2) Darren Pleasance is coordinating the chapter meetings and already has most of the meeting topics established 3) Marilyn Dash is organizing a Basic and Advanced Aerobatic Judges School series in February which everybody in the chapter should be signing up for 4) Dave Walkup and Cecilia Aragon will be coordinating coaching and critiquing sessions in one of our waived boxes 5) Rich Perkins will be involved in

*continued on Page 5*

**!!! REMINDER!!!**

### MEMBERSHIP RENEWAL

*How can I join or renew my chapter membership?*

**EASY!** Complete the enclosed form in this newsletter (page 10) and mail it in with your check or renewal online using Paypal at <http://www.iac38.org>. Click on **About IAC38** then click on **Join IAC 38!**

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**Chapter 38**  
**Statement of Purpose**

The purpose of Chapter 38 is to:

- Promote safety and education in sport aerobatics
- Promote and encourage individual proficiency and competition in sport aerobatics
- Promote and encourage aviation safety in the design, construction, and operation of all types of aircraft
- Foster and promote aviation education to the local community, particularly to school-age children
- Encourage research for the improvement and better understanding of aviation and the science of aeronautics.



**IAC—Statement of Purpose**

- The core purpose of the International Aerobatic Club is to promote and enhance the safety and enjoyment of sport aerobatics through the following core values:
- Openness and inclusiveness
- A passion and responsibility to educate and share our knowledge both inside and outside the IAC
- A commitment and responsibility to safety and excellence in every aspect of our sport
- Fair play and sportsmanship.



# Young Eagles Day

## **VOLUNTEERS NEEDED**

### ***Pilots & Coordinators***

### ***Support Chapter 38 Events!***

WHEN: Saturday, February 1  
10 AM to 4 PM

WHERE: Tracy Flight Center  
Tracy Municipal Airport

CONTACT: Terry Ridgway  
[youngeagles@iac38.org](mailto:youngeagles@iac38.org)



The countdown is on. The EAA needs about 125,000 Young Eagles flown before December, 17th of this year, in order to reach their goal of 1,000,000 by the 100 year anniversary of powered flight.

Chapter 38 has been doing a great job of flying kids at Tracy Municipal Airport over the last couple of years and this is our chance to pull out all the stops and help the EAA reach their goal. At the same time, we're building some great relationships with the Tracy Airport Advisory Committee and the City of Tracy, as well as those living in the local community.

Chapter 38 has flown more than 150 Young Eagles since we started our first rally at Oakland Airport. Since then, we've flown 5 rallies at Tracy. We have some grand plans for 2003, and hope to be able to hold 3 rallies. The first one is February 1st, the same day as the EAA Winter Funfest. This will be followed by another rally on June 14th, which is the EAA International Young Eagles Day. Our third and final rally for 2003 will coincide with the Second Annual "JUST PLANE FUN" - Open House at the Tracy Municipal Airport, on September 27th.

If you've never flown a Young Eagles Rally before, you should make a point to come out and join us on February 1st. It's a lot of fun and the kids get a real kick out of it, too. Just ask any of our regular pilots & helpers, like Dick Rihn, Kim Hunter, Graham Bird, Brad Oliver (when he's not off getting married), Joe Bonacci, Kevin Crane, Dave Walkup, and any others I might have forgotten. If you have any questions, drop me an email at [youngeagles@iac38.org](mailto:youngeagles@iac38.org). I hope to see many of you on Saturday February 1st.

--Terry

*See Young Eagles Story on Page 4*

## EAA YOUNG EAGLES PROGRAM REACHES RECORD NUMBER OF YOUNG PEOPLE IN 2002

### One million Young Eagles goal less than 125,000 away

EAA AVIATION CENTER, OSHKOSH, Wis. - (Dec. 31, 2002) - The EAA Aviation Foundation's Young Eagles program introduced a record 115,000 young people to the world of flight during calendar year 2002, as the volunteer Young Eagles effort has now reached more than 875,000 young people since its introduction in July 1992.

The record total during 2002 also places the program in excellent position to reach its announced goal of one million Young Eagles by Dec. 17, 2003 - the 100th anniversary of the Wright brothers' first powered flight. A flight representing the one million Young Eagles is planned at Kitty Hawk, N.C., next December 17 as part of EAA's Countdown to Kitty Hawk celebration, presented by Ford Motor Company.

"As the Young Eagles total grows and we approach the centennial of flight, you can certainly feel the excitement among the Young Eagles pilots and ground volunteers," said Steve Buss, Executive Director of the Young Eagles program. "The goal of one million Young Eagles seemed so far away just a few years ago, but now it's right there for us to achieve. We hope that other pilots join us during 2003 and enjoy being part of what has become the largest youth aviation education initiative ever created, as well as a very fulfilling way to pass along the love of aviation to a new generation."

More than 32,000 pilots have volunteered their time, aircraft and enthusiasm to the Young Eagles program since it was introduced at the 1992 EAA Fly-In Convention in Oshkosh, Wis. Each day since then, an average of 315 Young Eagles have been added to the "World's Largest Logbook" at the EAA AirVenture Museum in Oshkosh, which recognizes all Young Eagles and their pilots.

Among the notable highlights of the Young Eagles program in 2002 were:

- The highest single month for Young Eagles registrations in the history of the program, as more than 17,000 Young Eagles were registered in July 2002;
- More than 95 percent of the 1,000-plus EAA Chapters have their own Young Eagles Chapter Coordinators, who help bring together young people and local pilots;
- In excess of 3,000 pilots flew at least 10 Young Eagles in 2002 and more new pilots were welcomed into the program than in the previous two years;
- Young Eagles were flown on six different continents, from airports ranging from grass strips to major metropolitan airports, with young people in all socio-economic groups.

The 2003 schedule of Young Eagles activities will include Winter Flight Fest Day (Feb. 1) and International Young Eagles Day (June 14), days when EAA members and Chapters are encouraged to organize and participate in local flights and flight rallies. Young Eagles rallies are also a regular part of many EAA Chapter schedules each year and a featured part of many fly-ins, from local gatherings to such events as EAA AirVenture Oshkosh and EAA regional fly-ins.

"While the sheer numbers within the Young Eagles program are very impressive, we continue to emphasize the importance of each individual flight as the essential aspect of the program," Buss said. "Each young person receives a personal flight experience, which will create lifelong memories and, we hope, the initial enthusiasm that could lead to their own exploration of aviation."

The Young Eagles program will continue after Dec. 17, 2003, although the exact details of the program's future have not been finalized.

"Our focus this year is completing the task we set out to accomplish in 1992 - flying one million Young Eagles by Dec. 17, 2003," Buss added. "The success of the program will ensure its own future, because there are always more young people who are waiting to discover flight."

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## Young Eagles Program

*continued from Page 4*

The EAA Aviation Foundation was founded in 1962 and is dedicated to aviation education, preservation and research. Its headquarters are at the EAA Aviation Center in Oshkosh, Wis.

The Young Eagles program was launched in July 1992. Since then:

- More than 875,000 young people have received an airplane ride through the Young Eagles program.
- 875,000 Young Eagles represent approximately 175 young people flown for each public use airport in the country.
- 875,000 Young Eagles represent 8.75 young people flown for each school in the United States.
- More than 32,000 EAA members have volunteered their time and aircraft to participate as Young Eagles Flight Leaders (pilots).
- The average number of Young Eagles flown per pilot is 27. Individual numbers range from 1 to more than 2,600!
- On average, 315 Young Eagles are added to the World's Largest Logbook every day of the year.
- Flight Leader experience levels range from private pilots to Airline Transport Pilots (ATP).
- Young Eagles flights have taken place in nearly every type of aircraft, including standard factory-builts, antiques, classics, warbirds, aerobatic, jets, helicopters, balloons and gliders.
- Airports utilized for the Young Eagles program range from private grass strips to major metropolitan airports.
- An estimated 380,043 Young Eagle Flights have taken place
- On average there are 2.3 Young Eagles per flight
- 760,086 take offs and landings have occurred
- 126,681 flight hours (or 7,600,860 minutes) have been logged by General Aviation aircraft participating in the Young Eagles program (20-minute average flight).
- More than 1,393,491 gallons of aviation fuel have been donated by EAA members, participating FBOs and associated program participants (based on 11 gallons per hour average).
- Fuel sales have generated an estimated \$3,274,703 (based on an average price of \$2.35 per gallon). This does not include the other costs (oil, brakes or tires) directly involved in flying.

More information is available at the Young Eagles website ([www.youngeagles.org](http://www.youngeagles.org)).

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## President's Post

*continued from Page 1*

hosting an FAA Safety Seminar 6) Alex Drobshoff is researching how to go about obtaining FAA waived airspace specifically to ensure that our chapter members continue to have a waived airspace for training 7) Terry Ridgeway is heading up the Young Eagles program and can always use volunteer pilots and ground support 8) Kevin Crane has been newsletter editor but has said that he cannot continue after February (We will need a volunteer for newsletter editor).

Each of these areas needs participants and volunteers. My hope is by getting a jump-start on the annual programs and activities, people can get involved early and time opens up for the membership and the Board of Directors to look at the long term direction and activities of the chapter. An example of one such activity is the possibility of sponsoring the EAA's B-27 'Aluminum Overcast' in 2004. Ben Freelove is heading up that effort.

I will say right up front that very very few of these ideas were mine. But when you were going on and on about that pie-in-the-sky idea at the Holiday party while waving your glass of wine around.... I was listening. Keep talking.

# SLIDES AND VIDEO OF THE STS-112 ATLANTIS SHUTTLE LAUNCH

PRESENTED BY ALEX DROBSHOFF AND ANGIE NILES



## IAC CHAPTER 38 MONTHLY MEETING

**4:00PM JANUARY 12TH, 2003**

## LIVERMORE TERMINAL BUILDING

On Oct. 7, 2002 3:46 p.m. EDT the space shuttle Atlantis launched from launch pad 39-B for a 10 day, 19 hour, 58 minute mission. The primary goal of this mission was to install a star-board strut containing solar panels, communications equipment and a new capability to bring the Canada arm out of the shuttle bay and onto a conveyor outside the shuttle to work on exterior structures.

Dave Wolf, in addition to being an IAC member and competition aerobatic pilot, is a NASA astronaut and was the principal space walker for this shuttle mission. Dave is good friends with IAC 38 member Kurt Haukohl and very generously extended an invitation for Kurt, Erlinda, Alex and Angie to attend the launch as formal guests of Dave Wolf and NASA.

**Let me tell you that it was wild! Come to the chapter meeting to see the slides and video of the launch and the Kennedy Space Flight Center.**



## Judges School—March 2003

### IAC 38 is sponsoring a Judges' School!

Become a Judge!!

Chapter 38 is proud to announce we are hosting Judges' School again this year! And not just ANY Judge's School - Introduction AND Advanced! Here is your chance to start earning that coveted position of IAC Contest Judge. Would you like to learn more about what happens at Aerobatic Contests? Would you like to critique your friends' flying? Would you like to know what the Judges are looking for in each figure? This class is GREAT for new Aerobatic Pilots or our spouses, significant others, family members, etc! IAC membership is not required.

### INTRODUCTION TO AEROBATIC JUDGING

This course presents the basic concepts of aerobatic judging. In this 2-day class you will learn:

- What are the roles and responsibilities for the contests?
- What is the Aerobatic Zone?
- How do you read a competition sequence?
- What the judging criteria are for each figure?

Upon completion of this course you will be qualified to volunteer as an Assistant Judge at any Regional IAC Contest, and will have completed the first requirement towards becoming an Aerobatic Judge.

Who should attend this course:

- IAC members who would like to become Regional Judges
- Companions/spouses of competition pilots who would like to learn to critique
- Newcomers to the IAC who would like to learn the basic rules behind judging aerobatics
- Competition pilots seeking a better understanding of what judges are looking for in the figures
- Judges who would like to brush up their skills or who need to satisfy recurrency requirements for attending a judges' school (Recurrency requirements can be met by attending the 2nd day).

**We are also sponsoring:**

### ADVANCED AEROBATIC JUDGING CRITERIA

This one-day seminar is a more in depth session than what is covered in the 2nd day recurrency portion of the Introduction to Aerobatic Judging. It is geared towards judges who wish to improve their judging skills. The curriculum is less formal than that of the traditional judges school, in order to encourage open discussion of difficult or controversial judging criteria. Attendance at this seminar will fulfill recurrency requirements for attending a judges' school.

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## ARCO To Begin Using Ethanol in All Fuel Grades in California This Month

ARCO Gas has notified California distributors that it will begin to use ethanol in all grades of its gasoline sold at retail sites in the state, effective this month. Aircraft owners/operators who operate with an auto gas supplementary type certificate (STC) should not use ARCO fuel in California. For more information on ARCO gasoline, contact the company's customer relations at 800/322-ARCO, or visit [www.ARCO.com](http://www.ARCO.com). For information on EAA's alternate fuel program, visit [www.aviationfuel.org](http://www.aviationfuel.org).

## Cessna bans use of ethanol-based aviation fuels

Citing test results that found extreme corrosion, deterioration of rubber fuel bladders, electric fuel pump damage, and clogged fuel filters, Cessna announced that current ethanol-based fuels are not approved for use in its airplanes. A recently issued service letter highlights the results of a comprehensive Cessna evaluation and states that "...operational safety may be compromised by the use of ethanol fuels." Ethanol is under study as one of several alternatives to 100LL avgas, which is in danger of being phased out because of a shrinking global market for leaded fuel caused by growing environmental concerns. AOPA is continuing its search for alternative fuel solutions.

Andrew Werking, AOPA associate director for regulatory and certification policy, is participating as a full member of both the Coordinating Research Council (CRC) and the American Society of Testing and Materials (ASTM) groups tasked with identifying and writing standards for a safe, environmental friendly, economical, and technically viable alternative to 100LL.

Source: AOPA Flight Training magazine, January 2003, Volume 15 No. 1, page 16



## Judges School

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**Dates:** Saturday, 1-March and Sunday, 2-March 2003

**Times:** 8:00 AM - 6:00 PM on Saturday, 9:00 AM - 6:00 PM on Sunday

**Location:** San Carlos Airport (SQL), at the Hiller Aviation Museum. ([www.hiller.org](http://www.hiller.org))

**Cost:** \$75 for new judges. Judges wanting recurrency may take either the Advanced course or the Sunday portion of the Basic course for \$45.00.

Includes a basic materials packet with the Student Handbook, Home Study Course, Judges' Log, and the IAC Rule Book Revisions for 2003.

**Instructors:** **Alan Geringer and Brian Howard**

Additional Materials Available For Sale:

FAI Aerobatic Catalogue (Insert and binder)\$20.00

FAI Aerobatic Catalogue 2003 Insert\$10.00

IAC Rule Book\$20.00

IAC Rule Book 2003 Revision\$10.00

2003 Known Sequence Calling Primer (Audio Cassette Tape & booklet)\$15.00

Bag lunch, coffee & donuts (morning)\$10.00/day

The FAI Catalog can be downloaded off the Internet in PDF format at <http://www.fai.org/aerobatics/catalog>.

Please contact Marilyn Dash (650-578-1560 before February 1st or 650-344-6320 after February 1st) for more information.

You may also pre-register with our online signup form at [www.iac38.org](http://www.iac38.org). See you there!



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[www.iac38.org](http://www.iac38.org)

# IAC Chapter 38 Membership Application/Renewal Form

New Member

Renewal

Address/Phone Change

Name: \_\_\_\_\_ Spouse: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

E-mail 1: \_\_\_\_\_ E-mail 2: \_\_\_\_\_

IAC #: \_\_\_\_\_ EAA #: \_\_\_\_\_

Certificate #: \_\_\_\_\_

Judge:  Regional  National      Newsletter:  E-mail (Adobe PDF)  Postal Mail

Competition:  None  Primary  Sportsman  Intermediate  Advanced  Unlimited

Aircraft: \_\_\_\_\_ N #: \_\_\_\_\_

Referred By: \_\_\_\_\_

Dues:  Single Membership (\$25/year)  Family Membership (\$30/year)

Send with check, made payable to **International Aerobatic Club Chapter 38** to:

Brad Oliver, IAC38 Treasurer

664 Moraga Drive

Livermore, CA 94550

Kevin Crane  
Editor, IAC 38  
131 St. James Court  
Danville, CA 94526



2003 Chapter 38 dues are due!  
Please support your chapter by submitting your dues today. Thank you.