

August 2016

# IAC38 NEWSLETTER

## President's Report

*Let's All Get Together*



***Charlie Precourt, Founder's Innovation Prize  
Chief Judge, Ihab Awad, first place winner, and  
Andy Anderson, Airbus COO***

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Some of you may (or may not) know that I write a monthly innovation feature for Sport Aviation magazine. Since I am the "innovation writer," I was assigned to cover the Founder's Innovation Prize at AirVenture in July.

The first annual EAA Founder's Innovation Prize (FIP) presented by Airbus Group is an XPRIZE-like contest aimed to leverage the creativity of the EAA community toward solving specific challenges facing the general aviation community. The 2016 FIP

addressed fatal loss of control accidents. The contest was intentionally open-ended, with the only stated goal to reduce fatalities from this type of accident dramatically over the next decade: 25% in the next five years, 50% in the next ten. The solution could be technical in nature or otherwise and the judging criteria included cost to implement, ease of installation, wide applicability to the GA fleet, and effectiveness. The winning teams received a prize of \$25,000 for first place, \$10,000 for second, and \$5,000 for third. On July 26, the top five of 140 entries were pitched to a live audience and judged at AirVenture. The judging panel included:

-[Charlie Precourt](#), chair of the EAA safety committee and former NASA space shuttle commander.

-[Michael Goulian](#), national aerobatic champion and Red Bull Air Race competitor.

-Dick VanGrunsvan, designer of the Van's RV series of aircraft kits.

-Rod Machado, renowned aviation safety speaker, humorist, and author of numerous pilot training textbooks.

-Dave Morss, one of the country's preeminent civilian test pilots and air racer.

Ihab Awad was first-place winner with his project "Airball." Ihab is a pilot and engineer at Google who lives in San Jose. When I asked him if he had ever spun an airplane he answered that he hadn't. I had the bright idea that it would be a great to assemble people who stall and spin airplanes on purpose (us) with an engineer looking to make aviation safer for the GA community.

Sharing this event with other EAA chapters might spark further momentum for creative solutions to this problem.

To that end, Ihab will be the guest speaker at our October IAC38 meeting held on October 23. I'm inviting multiple EAA chapters around Northern California as well as local aviation associations. I expect a large turnout of over 100 people and we are looking into holding the meeting at a Bay Area venue, perhaps the Hiller Museum. Stay tuned for details. Prior to this meeting, Ihab will be going for a flight in Super D to get first-hand experience spinning a plane.

At Oshkosh, I was asked by the editor of AirVenture Today newspaper to write a story on aerobatics. I got home very late after the FIP event wrapped up and proofread the aerobatics story one last time before emailing it prior to midnight. The story was titled "Aerobatic Training Builds Confidence." (*see photo next page*) In my tired delirium, it struck me that I had just spent four hours listening to people seeking to solve fatal stall/spin accidents using technology, while we (IAC) seek to increase competency with training. Like I said, I was dazed and punchy at this point, but I vowed to enter the FIP next year with a project titled: Get.Spin.Training.Already. In fairness, these finalist's projects have a training element as part of their solutions. Like seat belts in a car, it's great to have a safety backup in an emergency. But there's no substitution for safe driving.

Click here for the EAA web article on the top 5 FIP finalist's projects:

[Click here for the story](#)

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## LEARN SOMETHING NEW

# Aerobatic Training Builds Confidence

BY BETH E. STANTON

The dizzying array of aviation possibilities at AirVenture get us dreaming—another type rating, a brand-new realm of flying, or a discovery that leads to an entirely different world.

You see a fascinating aircraft that sparks a thought, “What would it feel like to fly that?” The excitement of AirVenture inspires pilots to expand their skills and try something new. When it comes to increasing pilot proficiency and just plain fun, nothing compares to aerobatics. Seriously.

Unusual attitude and spin recovery training is the number one way to build competence and confidence in the cockpit. I’ve spoken to pilots with decades of flying experience who’ve confessed they’re frightened of spins. I once asked a roomful of certified flight instructors to raise their hand if they were scared of spins. Almost every person raised his or her hand. This is so unnecessary! Fear mars the joy of flying. Facing that fear takes resolve and action, but is so worth it. Get thee to a school or instructor for unusual attitude training. Just do it already.

Before the ink dried on my pilot’s certificate, I sought out upset training. I figured the chance of implementing the memorized “P-A-R-E” for spin recovery in an emergency situation was slim. As a newly minted private pilot, I was uncomfortable with stalls and the idea of spins. That first spin was a little nerve-wracking, but I had full confidence in my instructor. To my astonishment,

fear actually turned into fun. I immediately joined the International Aerobatic Club (IAC). The mission of the IAC is to promote the safety and enjoyment of sport aerobatics. I was hooked.

Four years and three aerobatic competition categories later, I can personally attest to the skill-building power of unusual attitude training. Three years after that very first spin, I found myself in a single-seat Laser about to perform an inverted spin. I had already practiced in a two-seat Pitts and Super Decathlon with my coach. As I hung in my harness pushing to stall the wing, I marveled at how far I had come. I was absolutely not nervous. It wasn’t the prettiest of spins from a competition standard, but it was safe. And super fun! To find out more about unusual attitude training or how to get started in aerobatics, check out [iac.org](http://iac.org). **AVT**

# **CONGRATULATIONS TEAM USA - TEAM SILVER**

*Lorrie Penner*



Congratulations to Team USA for their overall second-place standing at WAAC in Poland. We are all proud of you. And congratulations go out to Craig Gifford for his Silver in the Free Known program.

The championship started off slow with a couple of days of wind, then rain. The team

spent some time brainstorming on their Unknown figure submission and strategizing while they waited out the weather. The team started off strong in the first round of the Free Known with four of the team members in the top 15 places and Craig finishing with his second place Silver finish in that flight.

*(continued)*

During the first Free Unknown four of the USA Team stayed in the top 20. More rain ensued before the second Free Unknown resulting in another delay and the flying resumed on the

next to last day of the championship. On the last day of flying the second Free Unknown five of the USA team members stayed in the top 20. There were a total of 55 competitors.



# AirVenture 2016 Photo Gallery

Photos by Evan Peers









(continued)



# ***IAC ELECTION RESULTS ANNOUNCED AT AIRVENTURE***

*Lorrie Penner*

***On July 29, 2016, at the IAC Annual Meeting in the IAC Pavilion at AirVenture, the 2016 election results were announced. Ballot Certification Chair, DJ Molny, certified the following results:***

President: Michael Heuer (319 votes)

Secretary: Lynn Bowes (319 votes)

Board of Directors (3 open seats)

Debby Rihn Harvey (276 votes)

Rob Holland (268 votes)

Ron Schreck (\*169 votes)

AJ Hefel (\*165 votes)

Elected candidates assumed office at the conclusion of the Annual Meeting.

Votes were collected on the iac.org web server . As each vote was cast, the web server sent a copy of the ballot to a protected Gmail account. This serves as both a data backup and audit trail.

\*Because of the narrow margin between Messrs. Schreck and Hefel the Gmail ballots were hand counted and reached the same totals.

# **FAA ANNOUNCES EXTENDED APA WAIVERS**

**Lorrie Penner**

On Thursday, July 28, the IAC was notified by FAA in Washington of the publication of FAA policy N 8900.372 which extends a long-term Aerobatic Practice Area (LT APA) from 24 months to 36 months. This is very good news and is the result of the work of our Government Relations Committee and in particular Bill Finagin and Wayne Roberts. Sue Gardner, FAA's national airshow coordinator, provided the document to the IAC on Thursday. Many thanks to Bill and Wayne for their excellent work on our behalf. During the IAC annual membership meeting, FAA inspector Larry Wells of the FSDO in Jackson, MS presented the first 3-year APA waiver document to Wayne Roberts for his APA in Grenada, MS.

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## ***Call for IAC38 Officers***

*It's election time! And not just for Donald and Hillary. Show your love for our chapter by serving as an IAC38 officer. The perks and pay are great. Please submit your nominations (you can nominate yourself) to [bethestanton@gmail.com](mailto:btheastanton@gmail.com).*



# *Founding IAC Members Honored*

*by Mike Heuer*



At the IAC Gathering of Members, at AirVenture 2016, we brought together 14 of our members who have been active since 1970. It was a delight to recognize their long and faithful support of IAC since our foundation that year. Attending were Mike Heuer, Bill Shepherd, Bob Davis, Don DeWitt, Stacey Murdock, Bob Schrier, Winn Baker, Jerry Spear, Jerry Brandt, Lew Shaw, Doug McConnell, Keith Phillips, and Fred Weaver (listed in order of IAC number).

# ***IAC38 Chapter Meeting: Aerobatic Aircraft Maintenance 101***

***Sunday, September 25,  
2016, 3 p.m., Attitude  
Aviation, KLVK, Livermore***

As the season winds down and we head into annual season, it's a good time to discuss some of the maintenance and wear issues common in aerobatic airplanes. There is a deep reservoir of "tribal knowledge" in our sport and this meeting will address what to look for so that you may maintain your aerobatic aircraft with maximum safety in mind.

Guest speaker Tom Myers has been flying aerobatics since 1987. He has owned a Super Decathlon, a Stephen's Akro, and currently a Zivko Edge 540 that he flies in the Advanced category. He is a Nationals judge and has been Contest Director, Chief Judge and Tech Inspector at contests too many times to count. Tom has been the backbone and nerve center for California aerobatics for almost 30 years. He has a vast knowledge of the sport from every facet: rules, judging, flying, and wrenching on planes. You won't want to miss this important, informative (and I'm sure entertaining) talk!



***Tom Myers***

# ***IAC38 at the KLVK Airport Open House & Air Show***



***October 1, 10:00 AM - 4:00 PM. Free admission.***

IAC38 will have a booth at the KLVK Airport Day. Our very own Dave Watson will be announcing the airshow! Please join us to man (or wo-man) the booth and/or put your airplane on display. RSVP to [dave.watson7@comcast.net](mailto:dave.watson7@comcast.net)

The City of Livermore, airport staff and tenants invite the Tri-Valley community to the 20th annual Airport Open House and Air Show. The Open House features exhibits, food, entertainment, and a fabulous display of aircraft.

Highlights for Airport Open House and Air Show 2016:

Performances by renowned air show pilots: Vicky Benzing Aerosports, Jacquie B Airshows, Dr. D's Old-time Aerobatics, and Wild Thing Air Shows.

Static display of general aviation, military/warbirds, antique/classic, experimental/homebuilt and aerobatic type aircraft

Military/warbird fly-bys

Parachute demonstration jumps

Representatives from local flight schools

Airborne law enforcement and air rescue aircraft

LPFD Safety House

LPD DARE car and mobile Community Outreach Vehicle (COV)

Kid crafts, face painting, magic tricks and more by Woopsie Daisy Toys of Livermore

Classic/vintage automobiles

Mobile gourmet food from the Food Truck Mafia

Wine Tasting - enjoy local wines from Livermore Valley Wine Growers Association

(subject to updates and revisions, we'll keep you apprised each month)

**September 25**, IAC38 chapter meeting, Attitude Aviation, KLVK

**September 24-30** U.S. National Aerobatic Championships, Sherman/Dennison, Texas

**October 1**, Livermore Airport Open House and Airshow

**October 14-15**, Borrego Akrofest, Borrego Springs, CA

**October 15**, Patriots Jet Team benefit gala, Byron Airport

**October 23**, IAC38 chapter meeting

**November 4-5**, Tequila Cup, Marana, AZ

**November** – no meeting, Thanksgiving weekend

**December 11**, IAC38 Holiday Party of Mayhem

We are a very diverse group of people with a lot of interesting stories to be told, and I solicit your input. Submissions are welcomed. We're not trying to win a Pulitzer Prize here, so don't be intimidated by a perceived lack of writing skills. If you have a story, or an idea for one, please submit it! If you would like an article to be in the next issue please submit within the week following the monthly meeting.

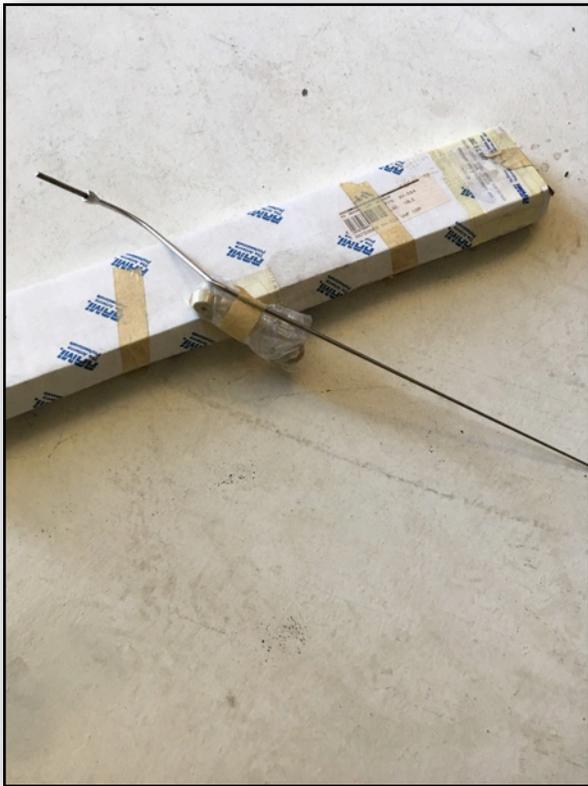
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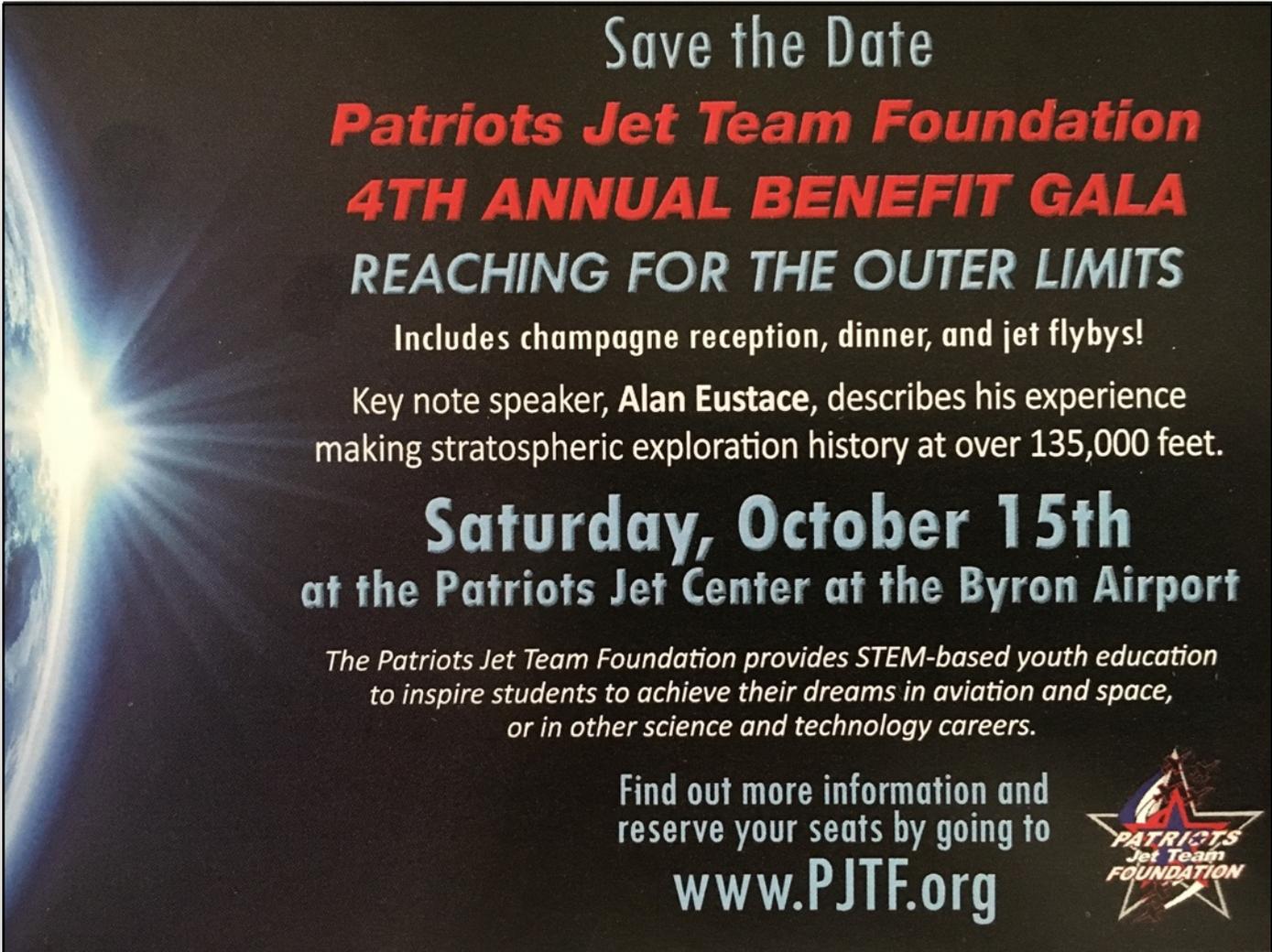
**AIRPLANE PARTS FOR SALE**

- Wheel pants**
- Antennae**
- 3-bladed MT spinner**

**Make an offer for all or each.**

**Contact Jacquie Warda at [skyydnz@yahoo.com](mailto:skyydnz@yahoo.com)**





Save the Date

**Patriots Jet Team Foundation**  
**4TH ANNUAL BENEFIT GALA**  
**REACHING FOR THE OUTER LIMITS**

Includes champagne reception, dinner, and jet flybys!

Key note speaker, **Alan Eustace**, describes his experience making stratospheric exploration history at over 135,000 feet.

**Saturday, October 15th**  
**at the Patriots Jet Center at the Byron Airport**

*The Patriots Jet Team Foundation provides STEM-based youth education to inspire students to achieve their dreams in aviation and space, or in other science and technology careers.*

Find out more information and  
reserve your seats by going to  
**[www.PJTF.org](http://www.PJTF.org)**



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***Brian Branscomb recently ferried this Pitts Model 12 from Hayward to it's new home in a museum in the northern part of the state. The L-39 was his ride home.***

**2016 IAC Chapter 38 team**

Beth Stanton, president

Dave Watson, vice president

Howard Kirker, treasurer

Tom Myers, secretary

Directors: Chris Combs, Mike Eggen, Marian Harris

Webmaster/email list: Brett Goldsmith

Newsletter editor, Dave Williams

Membership, David Manuel

# JOIN / RENEW

In addition to helping support all the activities of our chapter, IAC Chapter 38 membership is an insurance requirement if you want to fly in the box at Tracy for critique days. If you are receiving this newsletter and you know you need to get your membership updated, here are several ways to do it:

- sign up here for the International Aerobatic Club: <https://www.iac.org/roll-us-join-or-renew>
- sign up here IAC38 (using PayPal): <http://www.iac38.org>
- sign up at our next chapter meeting, we accept cash, check and credit card
- Fill out this form and mail it to Howard with your check:

IAC Chapter 38 Membership Application/Renewal Form	
Name: _____	Spouse: _____
Address: _____	
City: _____	State: _____ Zip: _____
Home Phone: _____	Work Phone: _____
E-mail 1: _____	E-mail 2: _____
IAC #: _____	EAA #: _____
Certificate #: _____	EAA Expiration Date: _____
Judge: <input type="checkbox"/> Regional <input type="checkbox"/> National	
Competition: <input type="checkbox"/> None <input type="checkbox"/> Basic <input type="checkbox"/> Sportsman <input type="checkbox"/> Intermediate <input type="checkbox"/> Advanced <input type="checkbox"/> Unlimited	
Aircraft: _____	N #: _____
Referred By: _____	
Dues: <input type="checkbox"/> Single Membership (\$25/year) <input type="checkbox"/> Family Membership (\$30/year)	
Send with check, made payable to "International Aerobatic Club Chapter 38", to: Howard Kirker, IAC38 Treasurer - 2279 Ocaso Camino - Fremont, CA 94539	