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Aerobatic Club
CHAPTER 38**

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THE ACRONAUT

Volume 6 - Number 3

Prez' Post

Darren Pleasance



Greetings everyone...

There's lots going on so let me cut to the chase and try to motivate all of you to join the fun. Given the limited space I have here, let me highlight a few areas of interest:

- Tracy box renewal update
- Flyout opportunities
- This month's Chapter meeting
- Judges school
- Critique days
- and a bunch of other stuff

So here we go...



Membership Dues DON'T FORGET!

As of this writing only 39 out of 86 2004 paying members have renewed their membership for 2005. Please use the form on the last page or the online Paypal system on www.iac38.org to renew your membership. \$25/year and \$30/year for a family membership.

Regarding the Tracy Box, efforts are going full speed ahead under the leadership of Don Gutridge and Angie Niles. The City of Tracy is fully behind us so we're redrawing the boundaries of the box with an effort to directly address the FAA's concerns about encroaching housing. We're pushing to get the application redone over the next couple of weeks and then work through the City of Tracy and their FSDO connection as well as directly with the Oakland FSDO ourselves to hopefully get another shot at renewing the waiver. The City of Tracy is highly enthusiastic about us getting the box back so keep your fingers crossed!

In terms of fly-out opportunities, this coming Sunday (March 6) is the annual SWAN (Southwest Airshow Network) safety seminar held at Marysville airport. I've been to it a few times in previous years and it's typically a lot of fun and a great way to spend a day listening to safety talks and watching some of the leading airshow pilots perform. I'm planning to fly up there and would encourage others to tag along for a great day of aerobatics.

Regarding this month's Chapter meeting, we're planning to use the time to talk about the Free-

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Editor's Column

Peter Jensen



March is the month where things start to ramp up. The weather will get better. We'll have more days at NewJ.

Read about the recently held judges school. Some new faces showed up. See what mother nature did to Santa Paula airport.

Review the IAC38 Intermediate Free. How can we shave 1-2 points? Find info about the upcoming Copperstate contest and SWAN safety seminar.

Read Angie's progress report on the TCY renewal process.

PS: Darren didn't provide me with a picture for his Prez post, so I had to be creative. Sorry Darren!

Enjoy the newsletter.

Peter

Pilots Currently On The Waivers

As of 5/1/2004 our TCY waiver has expired. No one are allowed to fly in the TCY box until the waiver gets renewed. Please observe this temporary restriction. The New J waiver has been renewed. Please contact one of the designated briefers, if you wish to fly in the box (below 1,500 feet).

Pilots on the TCY Waiver (3/1/2005)

NO ONE. Waiver is expired. Awaiting renewal.

Pilots on the New J Waiver (3/1/2005)

Greg Pettit
Peter Jensen
Peter Gillcrist

Ben Freelove
Allyson Parker-Lauck
Howard Kirker

Marilyn Dash
Stephane Nguyen
Darren Pleasance
Jacquie Warda
Mike Davis
Angie Niles
Brett Goldsmith
Todd Whitmer

Cecilia Aragon
Anil Kumar
Rich Perkins
Doug Burr
Alex Drobshoff
Che Barnes
Sean Worthington
Dave Watson

Designated Briefers

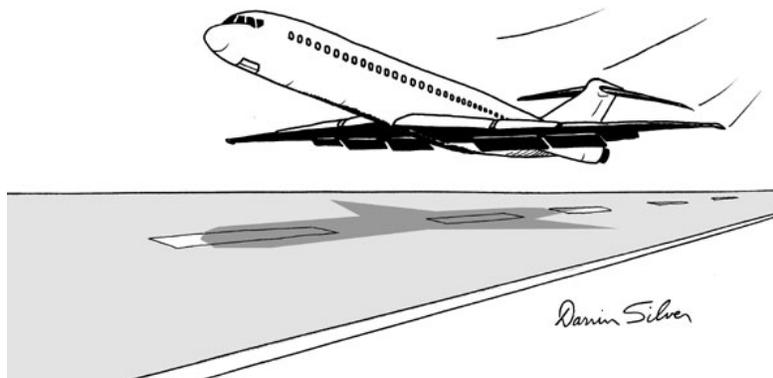
Cecilia Aragon
Marilyn Dash
Darren Pleasance

Ben Freelove
Peter Jensen

Flying High

Darrin Silver - www.FlyingHighComics.com

To celebrate St. Patrick's Day,
Roger replaced all the warning lights
with green bulbs.



Heard It On The Ramp

Marilyn Dash

The month of February and nearly every weekend it RAINED... and RAINED...and RAINED. Bummer.

For the moments when the sun actually peaked out, there was some flying. However, when the rain is falling – we should do one of two things, design a Free or have a Judges’ School! And we did BOTH!

Judges’ School

The Judges’ School was well attended – better attended than anyone thought and better than the early RSVPs. So, we had more people than space – well – just about – let’s just say it was tight. This year, our usual location (the Hiller Aviation Museum) couldn’t fit us into their schedule. So, we were lucky enough to find room at the West Valley Flying Club in their new Hayward Airport location.

West Valley will soon be putting an S2C on the line and was eager to get more involved in the local Aerobatic Scene. We appreciate their hospitality and wish them luck in their new adventure.

The unfortunate part of the class was the 2005 Rule Book is still unavailable. So, we worked with the 2004 Rule Book and discussed the major revisions for 2005. It’s tough to run a school without a rule book – but we tried.

We had some VERY new faces at the class as well. Vicki Benzing and her husband Jeff joined us. Vicki purchased one of Rocky Hill’s Extras with that awesome paint job and flew with us at Delano last year. Vicki and Jeff were terrific additions to the group.

Jenner Knight joined us from Chapter 36. You may remember Jenner from his famous Red Duct Tape incident at Paso last year. He recently purchased some new monoplane and will be a threatening force in Sportsperson this year.



Macarena Parra is also a new addition to the group. She has taken a few lessons at Attitude Aviation in Livermore and heard about the school. We were thrilled to have her join us and look forward to seeing her more often.

Todd Whitmer was our STAR – since he is the reigning Intermediate National Champion! (WOOHOOO!!) - He is also a STAR because he already finished his Exam and sent it into EAA and will probably be a Judge by Paso! So, suck up to Todd!

John King showed up for twenty minutes (he does this every year - always around lunch – how does he do that?!) John is the President of Chapter 85 and the Vice President of Chapter

26. I think we should try to get him to be our CD for Paso next year! ;-)

Speaking of STARS... Mr. Wayne Handley actually attended Judges’ School. No kidding! Really! No one asked for his autograph – except me – on his check. LOL!

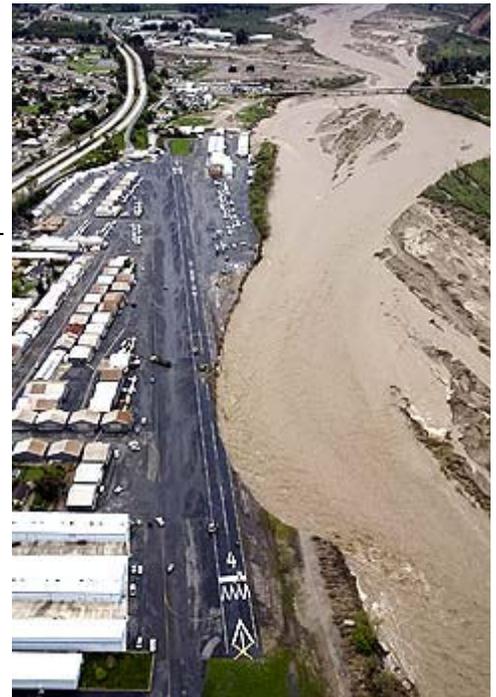
The usual suspects from our Chapter were there. Che Barnes helped with the preparation (I believe he will take over more of the planning next year – please!) Lee Jensen, Dennis Yugo, Anil, Dale and Tom Applegate were all part of the fun. Oh – and President Pleasance did swing by and stayed for Sunday. I hope that everyone learned something and that we all become Judges’ before the end of the contest year.

Santa Paula Airport

By now, many of you have probably heard about the Santa Paula Airport and the over flowing Santa Clara River. Santa Paula is a historically significant, privately owned airport in the LA Area.

The rains have caused the river to overflow and take part of the Santa Paula Airport RUNWAY with it! Yes, at least 155 feet of the 2650 foot runway has eroded into the

Santa Clara River. And the experts say the damage is not yet done. They expect more of the airport to fall away as the water recedes.



Chapter 38 and National Team Member, Vicki Cruse flies out of Santa Paula. Word is that she is fine and she was able to get her airplane out before the runway was destroyed.

Rich Stowell of EMT fame runs his Flight School out of Santa Paula. The last I heard the FAA is allowing operations along 1220 feet of the runway – could you imagine landing a

(Continued on page 4)

U.S. Unlimited Team Requests Your Support

Norm DeWitt

With the conclusion of the 2004 U.S. National Aerobatic Championships held in Denison, Texas, the new members of the U.S. Aerobatic Team have been named. Members of the men's team are Robert Armstrong, Kirby Chambliss, David Martin, Michael Racy, and Hubie Tolson. The women's team members are Chandy Clanton, Vicki Cruse, Janet Fitzke, Allyson Parker-Lauck, and Debbie Rihn-Harvey. Seven team members have world competition experience.

Marta Meyer has been named the team manager. Marta has been with NASA for more than 27 years and is the civilian equivalent of a two-star general. She is a former Unlimited team member and has competed in two previous World Aerobatic Championships. Using her management and teamwork skills, Marta has managed as many as 180 professionals at NASA-Dryden. She is one of two women to have flown in the SR-71 and has been involved in build-ing and flight-testing several aircraft, including the Phoenix and Giles 300. Marta is also an A&P mechanic with an IA.

The 2005 World Aerobatic Championships will be held June 22 through July 2 in Burgos, Spain. Up to 80 of the best competition pilots in the world will compete for gold, silver, and bronze medals along with trophies for team and individual achievement. In recent WACs, the Russian and French teams have dominated the medals. This year's U.S. team is strong,

focused, and willing to work together to bring back the gold.

Our team can use your financial support to help achieve gold. In the past, the U.S. Air Force provided transportation for the team and their aircraft in a C-5A. With the current world situation, the C-5A is not available. Each member will have to raise money to train to a level of peak performance, transport themselves and their aircraft to and from Spain, and pay for the expenses of the team manager, team coach, and team mechanic. Depending on the method of aircraft shipment, the expenses will likely be \$20,000 to \$30,000 per member.

Accounts have been set up at the International Aerobatic Club on behalf of the team and each individual member. You may make a tax-deductible donation to the team and/or one or more members individually. Make checks out to the International Aerobatic Club and on the memo line write Unlimited Team or the individual's name. You can mail your check to:

IAC
Attn: Lisa Popp
P.O. Box 3086
Oshkosh, WI 54903-3086

Thank you in advance for your generous support. Go U.S. Aerobatic Team! Bring back the gold.



(Continued from page 3) - Heard It On The Ramp

Pitts on 1220 feet of runway!? Take-off – no problem....
Landing.... no thanks!

Marysville

Don't forget the SWAN Safety Seminar is this Sunday at

Marysville Airport. Please go to: http://www.swansafety.com/safety_seminar.htm for more information.

Hope to see you soon!

*Marilyn Dash
Chixfly2*

Tracy Box Renewal - Update

Angie Niles

Just when you thought it was over.... The City of Tracy misses us (or at least our gas \$\$\$) very badly and has offered to be a strong advocate for us if we try to renew the TCY box waiver. In addition, one of the members of the Tracy Airport Advisory Committee and who also works at the OAK FSDO conveyed to Darren that our waiver had been denied based, in part, upon housing encroachment from the north. He suggested that maybe, just maybe, re-submitting a box renewal application with the northern boundary moved south to overlay the rwy 25 centerline extension would pass muster – or at least open a dialog towards something that could end up as a waiver. Now this person's work at OAK FSDO does not include waivers, but at least it is a foot in the door and the City of Tracy has also pledged to be our advocate too.

I have offered to spearhead the TCY waiver renewal effort and have amended Darren's original application and am drawing new box lines on some aerial photos that Peter took. My next step is to contact OAK FSDO and talk directly to the person who deals with waivers. No promises on getting the box back, and it will probably look different if we do get one, but I'll try.

Angie

Meeting Minutes February 13, 2005

Anil Kumar

Tracy Box Waiver

Angie Niles working to get the waiver for the box.

Renewals

Send reminders to the members, who haven't yet renewed their memberships.

Intermediate Free

Dick Rihn held a class on how to make an Intermediate Free. At least one figure from these families:

- Hammerhead
- Loops and Eights
- Combination of Lines, Angles, and Loops
- Roll (slow or hesitation)
- Roll (snap)
- Spin

(Continued from page 1) - Prez' Post

style we designed with Dick and Cecilia's help last month and transfer it into Alan Cassidy's Aresti program. This will be a great chance to see how Alan's Aresti program works and to also learn more about designing aerobatic freestyles. As you'll see later in this newsletter, Peter has drawn the freestyle we designed and it looks like we may have inadvertently ended up over our "max K" by 2 points so I hope we can use the meeting this month to hear how the freestyle flies and also see how we fix our 2 point overage.

As many of you know, we also had a very successful Judges School in mid-February with enormous kudos to Marilyn (once again). We had ~15 attendees, with pilots from as far South as San Diego, world famous airshow pilots (e.g., Wayne Handley), many of our Chapter members, and a great session led by none other than Alan Geringer. This was my first time attending a Judges School and I really enjoyed the discussions and encourage everyone to attend one of these sessions, even if you don't plan to be a judge. I must also say that I enjoyed the confusion and debate the ensued over the famous Freeloop Cloverleaf. Thanks, Ben, for introducing some controversy and excitement into this year's Sportsman sequence!

Critique days are also upon us again as the weather begins to improve. We had a ton of fun last weekend, despite some questionable weather, as Dave Watson brought his friend, Jim Ward from Boston (Chapter 35), to help critique our Chapter members. I had to leave early but I hear it was a great session. We'll be having many more of these sessions over the coming months so be sure to get involved and come join us for the fun. New Jerusalem's a great airport for up close and personal aerobatic flying.

And lastly, the other stuff going on. Well, I think I've sold my Pitts, though I'm still waiting for final confirmation from the buyer who's apparently trying to finalize financing. Regarding my Laser, I removed a couple of small wedges on the trailing edge of my ailerons that the last owner had put there trying to improve the "centering feel" and I could not believe how much better the plane flew :-). I was shocked at what a difference a couple of six inch wedges on the ailerons could make. The airplane is now fingertip light, it rolls great in both directions and feels great. I got five vertical rolls in it on Sunday and had the problem on "gaining" too much altitude in my sequence last weekend so I'm really starting to like this plane (though I still like my Pitts an awful lot). This should be a fun contest season :-).

Well, that's about it for this month. I hope to see all of you on March 13th at the Chapter meeting in Livermore and also hope to see many of you at the SWAN event in Marysville next Sunday.

Blue Skies!

Darren

Flying And Judging The Cloverleaf

Brian Howard

I found this informative note from Brian on the exploder...

The roll must begin simultaneously with the pitch and continue at a constant rate until the aircraft has completed 180 degrees of loop and 90 degrees of heading change. The judges will deduct 1 point for each roll rate change detected during the first half loop. At the top of the first half loop, the deductions will be 1 point per 5 degrees that the wings are not level, that the heading is over or under 90 degrees of change, and that the fuselage is not horizontal. As with any looping figure, both halves of the quarter-clover must be wind-corrected to have a constant radius.

If your friend flies the figure and does not begin any rolling until the nose has pitched, let's say for example, 20 degrees, that would be a 4 point deduction (1 point for each of 5 degrees of loop without roll).

*Brian Howard
Chairman, IAC Rules Committee*

NewJ Training Days

Peter Jensen

Despite the rainy February we managed to have two days of flying at NewJ. It was awesome. Ben got to give the Advanced a try. Che had his first NewJ landing. Dave brought his oilsprewing Yak and showed us some Unlimited moves. Our favorite RC guy - Alan Cluff brought his new Pitts. I'm not sure how many planes he has, but at least two Pitts'es and a beautiful Jimmy Franklin Waco.

Make sure to come out next time. If you don't want to land we can coordinate transport to and from Tracy.



Alan's Pitts S-2B



IAC38 Intermediate Free - Work In Progress

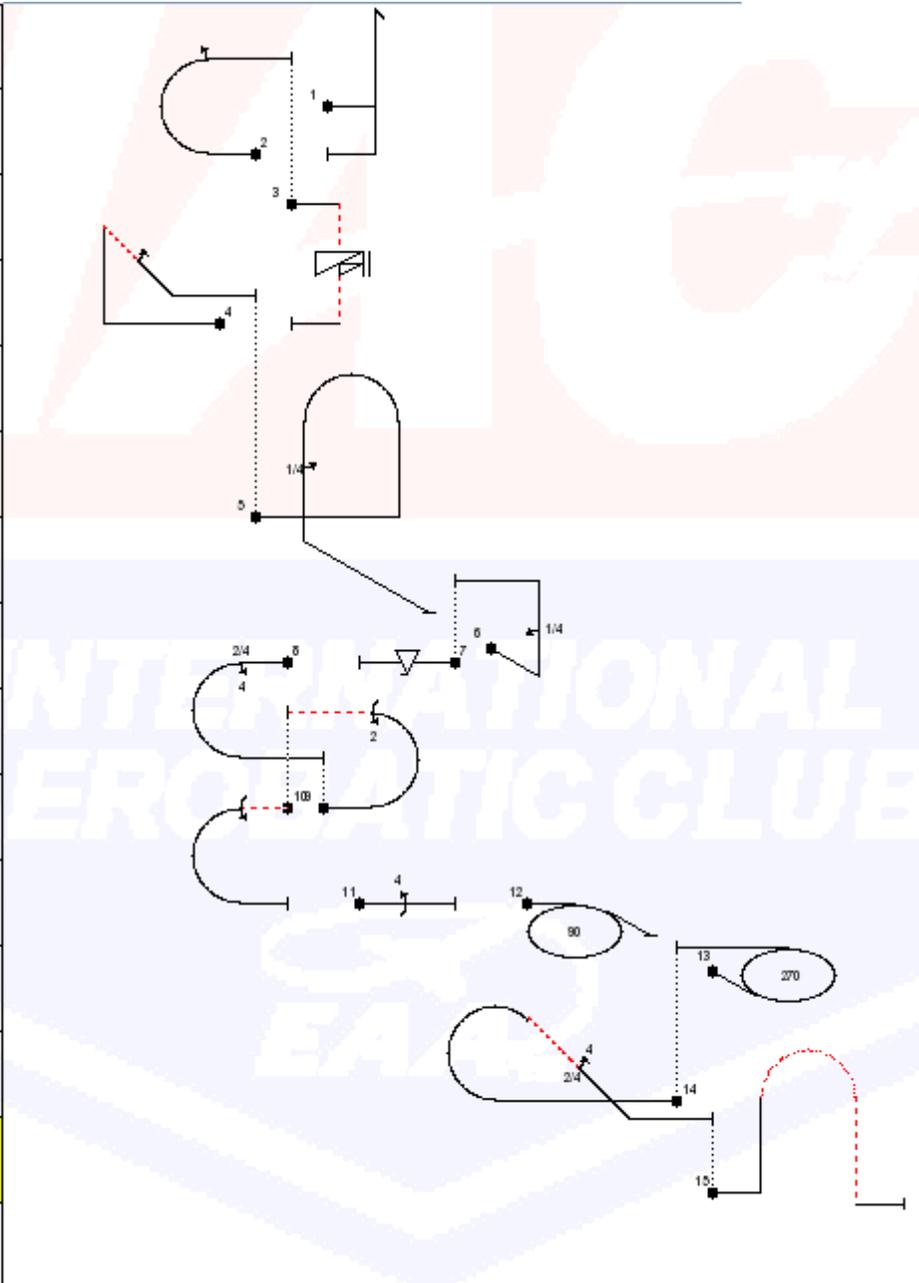
Peter Jensen

At the February meeting the group came up with a suggestion for an Intermediate free program. After adding up the Ks the total came to 192. The nominal total K for an Intermediate free is 190, but with the floating point rule it's allowed to have the total add up to 191. That leaves us 1 over. We'll talk about this at the next chapter meeting. Take a look at the

sequence and try to think of ways to change the sequence to fit within the allowable 190-191 range.

-Peter

1	5.1.1	17	17
2	7.2.1 9.1.3.2	6 4	10
3	1.6.3 9.11.1.6	10 3	13
4	1.18.1 9.1.4.2	13 4	17
5	8.1.1 9.1.5.1	13 2	15
6	1.6.1 9.1.1.1	10 6	16
7	1.1.1 9.9.3.4	2 11	13
8	7.3.3 9.4.3.2	6 5	11
9	7.1.1 9.2.3.4	6 9	15
10	7.1.4 9.1.3.4	6 8	14
11	1.1.1 9.4.3.4	2 11	13
12	2.2.3	3	3
13	2.1.3	5	5
14	8.42.1 9.4.4.2	10 5	15
15	8.3.1	15	15



Copperstate Aerobatic Championship - Casa Grande, AZ

March 17-19, 2005

Sponsored by IAC Chapter 69.

The competition will be held at Casa Grande Municipal Airport - locator CGZ.

Categories

Primary - Unlimited power categories will be flown.

Registration

Practice and registration will be Thursday, March 17.

Rental Cars

Enterprise Rental Car (520) 836-9050

Motels

- 1. **Holiday Inn Casa Grande** (520) 426-3500
4 miles south -- Downtown
- 2. **Days Inn of Casa Grande** (520) 426-9240
13 miles southeast -- AZ 84 & I-10
- 3. **Comfort Inn Casa Grande** (520) 421-9878
8 miles southeast -- Florence Blvd. and I-10
- 4. **Francisco Grande Resort** (520) 836-6444
12 miles south and west -- AZ 84
- 5. **Casa Grande Super 8 Motel** (520) 836-8800
8 miles southeast -- Florence Blvd. and I-10



Contest Director

Jeff Boerboon
(480) 563-5701
boerboon@cox.net

14th Annual Safety Seminar

March 6, 2005



YUBA COUNTY AIRPORT
MARYSVILLE (MYV)
CALIFORNIA



7:15am	Registration Opens. Cost \$20/person (at door or online)	Red Carpet Aviation Yuba County Airport
8:30am	Effective Airshow Briefing	Willie Turner, Air Boss Gale Rawitzer, Air Boss
	An in depth look at 2004 accidents	Wayne Handley
	Formation Flying - As opposed to flying formation	Bill Stein
	Performance Preparation & Discipline	Jon Nash
12:30pm - 3:30pm	Lunch on the field by Golden West	
1:30pm - 3:30pm	Safety Demonstrations	

Participants include Bill Cornick, Jon Nash, Willie Turner, Jacquie Warda, Gale Rawitzer, Bill Stein, Steve Stravakakis, Rob Harrison, Wayne Handley, more . . .

Calendar of Events

March	5	NewJ Critique Day - Noon <i>bfreelove@yahoo.com</i>
	6	SWAN Safety Seminar <i>www.swansafety.com</i>
	13	Chapter Meeting - 4pm <i>Aresti Software</i>
	18-19	Copperstate Contest - AZ <i>Casa Grande, AZ</i> <i>boerboon@cox.net</i>
April	10	Chapter Meeting - 4pm <i>Flying The SR-71</i>
	16	Borrego Mini-Akrofest <i>highsaftey@cox.net</i>
May	8	Chapter Meeting - 4pm <i>Chapter Fly-out/skydiving</i>
	13-14	LA Gold Cup - Apple Valley, CA <i>bubba26m@bellsouth.net</i>
June	3-4	Northern California Aerobatic Championship, Paso Robles, CA <i>daw@micruscorp.com</i>
	17-18	Apple Cup - Ephrata, WA <i>john.coffey@cingular.co</i>
July	10	Post Paso Party
August	14	Chapter Meeting - 4pm <i>WAC Review - Allyson</i>
	26-27	Beaver State, Pendleton, OR
September	3-5	Delano Contest, CA
	11	Chapter Meeting - 4pm <i>Advanced Spin Recovery</i>
	14-18	Reno Air Races, NV
	25-30	2005 Nationals - Grayson Co., TX <i>CWHurley@aol.com</i>
October	9	Chapter Meeting - 4pm
	14-15	Borrego Akrofest <i>N77TW@aol.com</i>
November	13	Chapter Meeting - 4pm
December	??	X-Mas Party

New J Critiquing Days

We're planning for a regular critique day once a month. It will be the first Saturday in every month. If the weather doesn't cooperate or if there's demand for more we'll go whenever a group (2 or more) decides to go. Coordination will be done via the members@iac38.org mailing list.

WANTED: Merchandise Czar

We're looking for someone to handle selling and shipping IAC38 merchandise. We'll soon have nice new Shirts with the IAC38 logo, and expect a lot of demand, so the task would involve receiving payments and shipping the shirts.

If interested contact: Darren (president@iac38.org)

400 Degrees per Second!! 925-456-ACRO



ATTITUDE AVIATION



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- Former member of U.S. Aerobatic Team

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www.SilverTriValley.com



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: Regional National

Competition: None Basic 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:
Howard Kirker, IAC38 Treasurer - 2279 Ocaso Camino - Fremont, CA 94539



Peter Jensen
Editor, IAC 38
310 Ellmar Oaks Loop
San Jose, CA 95136



Chapter Meeting:
Sunday March 13th, 2005, 4pm
Attitude Aviation - Livermore Airport