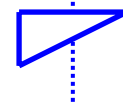


THE ACRONAUT

Paso Robles is Here!



Darren Pleasance in his Pitts S-1S.

Thursday June 6, Arrival Day.

Dawn is just breaking and you've already finished your first cup of coffee. You pre-registered for the contest a month ago, the plane was readied last night, your bag is packed, and after a weather check and a pre-flight you're in the air heading for Paso Robles. It's still early when you arrive and you are surprised to be greeted by an enthusiastic volunteer who just may be a little *too* enthusiastic this early in the morning. You make a mental note to find out what kind of coffee she's drinking.

continued on page 8

President's Post

Brad Oliver

Greetings! I thought spring, and better flying weather, was supposed to have arrived. I guess winter decided to give us one last blast of cold weather, at least I hope this is the last of it!

We have exciting news to report!!! We received approval of our Waiver application for our box at Tracy for one more year. The Board of Directors has been working diligently with the FAA and the City of Tracy to secure use of the box...way to go team!!! Please join me in congratulating your Board of Directors for all of their hard work.

continued on page 9

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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.



Attitude Aviation Welcomes Chapter 38

Welcome! We are absolutely delighted to host Chapter 38's monthly meetings at Attitude Aviation! We hope you will all feel at home at Attitude. I, and all of the aerobatic instructors at Attitude Aviation, are members of the IAC and we sincerely want to do all we can to promote aerobatics, the IAC, and especially Chapter 38.

Attitude will be happy to host chapter activities—including fly-ins, parties, meetings, etc.—and we'll provide free coffee, sodas, and snacks for the monthly meetings. The IAC is important to us all and we hope Chapter 38 will continue to meet here for a long, long time to come.

Rich Perkins

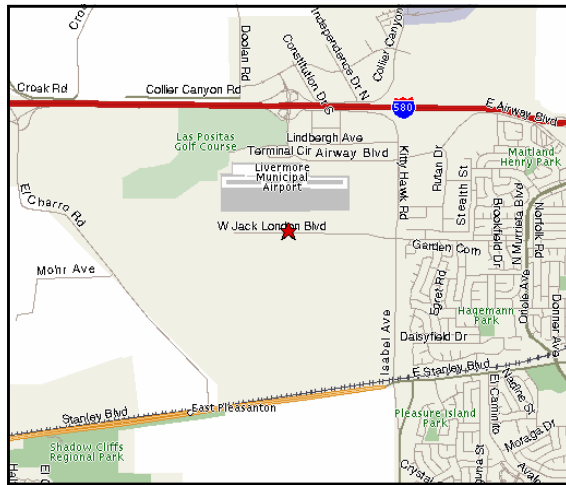
Owner, Attitude Aviation

<http://www.attitudeaviation.com>



May Meeting Location !!!

Who: Mystery Guest
When: Sunday, May 12th, 4pm
Where: Attitude Aviation
 299 W. Jack London Blvd
 South Hangars
 Livermore, CA 94550



Aviation Quote

I discovered that when dull, routine, colorless chores depress us, it is most often we, ourselves, who are at fault. For we *allow* that which is petty or dull to conquer and suppress that which is unsuppressible—the human spirit. There is nothing on earth above which the human mind cannot rise; there are no dark corners of life that we cannot brighten, even a bit, for ourselves, if only we allow the human spirit to ignite a little flame now and then ...

— Lt. Col. William H. Rankin, *'the Man Who Rode the Thunder'*

AEROBATICS - Ground School

Attitude Aviation in Livermore is offering an aerobatics ground school. Dr. Dick Rihn, C.F.I., an accomplished, unlimited category, International Aerobatic Club competitor will be teaching the class for both introductory and experienced pilots. Come see what aerobatic contest flying is all about and learn how to control your airplane to win! **(You're competition will be there!)** The class is held at Attitude Aviation, Livermore airport on Monday nights at 7:00 PM.



**Mondays, 7 PM—Attitude Aviation
 925-456-ACRO (2276)**

Young Eagle's Day

VOLUNTEERS NEEDED
Pilots & Coordinators
Support Chapter 38 Events!

WHEN: Saturday, May 11
Saturday, September 7
10 AM to 4 PM

WHERE: Tracy Flight Center
Tracy Municipal Airport

CONTACT: Terry Ridgway
youngeagles@iac38.org



14 year old Daniel, an avid follower of aviation who aspires to join the U.S. Air Force Academy, joined more than 50 children on Saturday at Tracy Municipal Airport for the Young Eagles Flight Rally.

“I like flying a lot, and I want to fly a jet one day,” Daniel said, adding that his bedroom is blanketed with aviation books and paraphernalia.

- *Jonamar Jacinto, The Tracy Press, 2001*

Dad, I left my heart up there.

Francis Gary Powers

CIA U-2 pilot shot down over the Soviet Union, describing his first flight at age 14.

Website of the Month

See How It Flies

John S. Denker

This is a book about how to fly airplanes. The book is available at:

<http://www.monmouth.com/~jsd/fly/how/>

The main topics are:

Perceptions: how to use your eyes, your ears, your fingertips, and the seat of your pants—to gather the information you need.

Procedures: how to use your hands and feet—to make the airplane do what you want.

Principles: how to organize your thinking—to make your flying easier and safer.

The subjects of the site are more advanced than found in private-pilot textbooks, but the explanations are generally good. Denker, who is a research scientist in physics, also includes a bibliography of aerodynamic research. The 20 chapters in the book are:

- | | |
|--|-------------------------|
| 1 Energy Awareness and Energy Management | 12 Landing |
| 2 Angle of Attack Awareness and Angle of Attack Management | 13 Takeoff |
| 3 Airfoils and Airflow | 14 Cross-Country Flying |
| 4 Lift, Thrust, Weight, and Drag | 15 Emergency Procedures |
| 5 Vertical Damping, Roll Damping, and Stalls | 16 Flight Maneuvers |
| 6 Angle of Attack Stability, Trim, and Spiral Dives | 17 Multi-Engine Flying |
| 7 More About Energy and Power | 18 Stalls and Spins |
| 8 Yaw-Axis Torque Budget | 19 The Laws of Motion |
| 9 Roll-Axis Torque Budget | 20 The Atmosphere |
| 10 Equilibrium, Stability, and Damping | |
| 11 Slips, Skids, and Snap Rolls | |

Happy Reading!

From the Editor

Thanks

We've had some great monthly meetings. During March, Alex Drobshoff and Angie Niles were kind enough to invite us into their hanger to show us the rebuild project on their Pitts S1-T. Thanks - I hope you're flying at least by the time this is printed.

Thanks to Cris Flint for his presentation on designing free-style sequences during the April meeting. Cris's presentation was witty and informative as well as professional. (I know who I'm going to see when it comes time to design my own freestyle sequence!)

Thanks also to Rich Perkins at Attitude Aviation. Rich provides free soda, coffee, and snacks for all members and guests at the monthly meetings. The coffee is always hot, the soda cold, and the pizza is good.

Friends

Of all the privileges that come with flying airplanes perhaps the greatest of all is the people that you get to meet and know. I am not certain about the number of new friends I have because I fly. I am certain that I cherish these new friends who fly and I am convinced that each new friend has made me better in immeasurable ways.

The aviators I know are both fascinating and extraordinary. By knowing them I have witnessed courage and perseverance as well as kindness and humility. Each one is unique and it is my view that their lives are a celebration and a testimonial to the best that is present within us all. They have been my greatest teachers and they have offered me my greatest challenges.

I would like you to meet these men and women and to get to know them as I do. And so, beginning in the July newsletter, I'll introduce some of them to you. As you meet these aviators that I know, please consider submitting profiles to the newsletter about people who may have made a difference in your life or who may have otherwise inspired you in some way. If you'll take the time to write a page or two we'll make sure that their story will have a place in our newsletter.

Young Eagles Day

Young Eagles Day is Saturday, May 11 at the Tracy Airport. Terry Ridgway and all of those children dreaming of flight need all of the support that we can give them. Please lend a hand – there are many tasks that need to be completed in addition to flying. Hope to see you all there!

Paso Robles is Here! - cont'd

She asks to see your papers, examines them briefly, and hands you the pre-printed documents that you'll need to fly in the contest. You schedule practice times (plural) for the box and are then directed to the aircraft check area where one of five volunteers will inspect your plane.

Within an hour of your arrival the check-in process is complete and you're inverted in the box. There's no question about what you'll be doing the rest of the day because you have the opportunity to practice as many times as scheduling will allow – and then some. No other competitors are practicing? Up you'll go for perhaps your third or fourth practice flight of the day. Boy, you think, this sure beats standing in all the hours-long check-in lines at other contests you've flown in on other arrival days.

Friday June 7, Competition Day 1

Morning! The day is bright and you've just finished a continental breakfast at the new terminal building. The Friday and Saturday breakfast meals are provided by Chapter 38. Water and Gatoraide will also be available throughout the day. Drink plenty – no sense graying out and letting your competition win because you didn't drink a simple glass of water or two. It's OK to drink plenty - porta-potties will be strategically placed at the judge's station and at the starter's station.

Don't miss out on the informal dinner get-together on Friday night – you'll want to be present so that you can hold in check and/or defend yourself against the outrageous and exaggerated claims of your competitors.

This is shaping up to be quite a contest! There are at least 34 power competitors from at least three states as well as one from Canada. In the compulsory programs at least 8 Sportsman competitors will be casting their loops for a trophy, 10 Intermediate pilots will be hammering each other to be top dog, 12 Advanced fliers will be turning the world upside down in their quest for the gold, and 4 Unlimited gods will chew up the air in their thunderous clash for victory.

And then, even as the exhaust notes are fading in our ears, the silent glider pilots will fill the skies with intensity and grace as they seek their own form of perfection in the Sportsman and Intermediate levels.

This year there is no need for pilots and guests to miss any of the action nor is there any reason to sit around in the hot sun all day. The new air-conditioned terminal building is complete and its large glass front is situated to provide excellent views of the contest area.

Saturday June 8, Competition Day 2

Another beautiful day and you're looking very sharp for the day's competition in your new Paso Robles contest shirt. All pilots will receive a polo shirt; tank tops and ladies sleeveless, denim shirts will also be available.

Saturday's competition is sure to be just as exciting as Friday's. Look for a local youth group selling ice cream and other cold and delicious treats.

Saturday night's awards banquet will be held at the new terminal building. The food will be excellent and will be prepared in the terminal's new kitchen. Inside and outside seating may be available. There is some speculation that this year's trophies are very impressive – Contest Director Jacquie Warda is purposely being mum on the subject. Jacquie has said that there will be no wooden plaques on her watch!

(continued on page 9)

(Paso Robles is Here! continued from page 8)

Sunday June 9

Wait! Please don't leave just yet. Why don't you ask Jacquie if there is any clean-up to be completed? With your help we will leave the airport with an enthusiastic invitation to return next year.

Photographers

We have plenty of room on the Chapter 38 website to post your pictures of the contest. Please bring your camera and share your point of view with the rest of us. There will be a computer available at the contest for you to download data from your digital camera – remember to bring your camera/computer interface cable! ***See you at Paso!***

President's Post—cont'd.

There are some slight changes to the waiver you need to be aware of. Most notably is the reduction of useable hours. The hours of operations for the new Tracy waiver read as follows:

- During Pacific Standard Time 10:00 am - 5:00 pm
- During Pacific Daylight Time 10:00 am - 7:00 pm

The reduction in useable hours was agreed to by the Board in order that we could keep the box at least one more year. These hours will hopefully ease some of the noise complaints coming from the areas of new development around the airport. Compliance with these hours is not an option - please be considerate and follow the rules. For those of you that wish to stay on the waiver, and those who wish to be added to it, you will need to read the new waiver and sign the acknowledgement before you can use the box after April 30th. Please contact me or one of the chapter officers for more information.

Unfortunately, as I write this we are still awaiting approval on our application for renewal of our New Jerusalem box. We are optimistic that approval is forthcoming and will report to you as soon as we have word.

As users of the airspace around Tracy, we try to do a little something each year to contribute to the community, and to share our love of the air. So again, we are hosting another Young Eagles rally on Saturday May 11th at the Tracy Airport (more info on page 5). Last years rallies proved to be a huge success with the chapter flying close to 50 kids in one day. All those kids put a strain on the few volunteers we do have, more that ever, your chapter needs your help, whether it be as a pilot or ground crew. Please make plans to attend this important event. Besides, can you think of a better thing to do that to share your passion for aviation with a young child.

Last but not least - Paso...ugh...I haven't practiced a bit, and our contest is only a month away. So if you're flying Sportsman, why not come out and compete...you are surely guaranteed to beat at least one competitor (me). Keep the shinny side down!

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- VNE 230 knots

Asking Price: \$ 125,000

See more details and pictures at:

<http://www.freebird-aerobatics.com>

Call Cris Flint at 925.960.0417.



Just Who Are We Anyway?

IAC Chapter 38 has 55 members for 2002. Eleven are women and forty four are men. Thirty two have competed, or are scheduled to compete, in the following categories:

Primary	2
Sportsman	15
Intermediate	3
Advanced	6
Unlimited	6

The aircraft that we fly/rent/own, and the quantity of each type, are:

Black Eagle 540 (1)
 Cessna 310 (1)
 Christian Eagle (2)
 Citabria (2)
 DR 107 (2)
 DR 109 (1)
 Edge 540 (2)
 Extra 200 (1)
 Extra 300 (1)
 Freebird 300 (1)
 Giles (1)
 G202 (1)
 MIG 17 (1)
 Pitts
 S1-C (1)
 S1-S (7)
 S1-T (3)
 S2-B (6)
 S2-C (3)
 S2-E (1)
 S2-S (1)
 RV-6 (1)
 Sabre (1)
 Stephens AKRO (1)
 Sukoi SU-31 (1)
 Super Decathlon (1)



Twelve of the fifteen Sportsman category competitors fly some variety of the Pitts while the Unlimited pilots torque the Sabre, Edge, Freebird, Black Eagle, and Sukoi. We don't know yet which category the Cessna intends to fly in.

Source: IRS files



Flight Instruction

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DICK RIHN
C.F.I.

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Chapter 38 Sweatshirts	\$35 Each <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL	_____	_____
Chapter Mouse Pad	\$12 Each	_____	_____
FAI Printed Catalog	\$10 Donation	_____	_____
		Total	_____

Make Check Payable to:
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Aerobatic Club**

Mail to:
**Cris Flint, Treasurer
1469 Sunset Dr.
Livermore, CA 94550**

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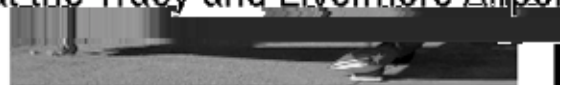


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(510) 527-4466



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 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:

Cris Flint, IAC38 Treasurer

1469 Sunset Dr

Livermore, CA 94550

Kevin Crane
Editor, IAC 38
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