

# SPORT *Aerobatics*

April 2014

OFFICIAL MAGAZINE of the INTERNATIONAL AEROBATIC CLUB



## Three Time Unlimited Rob Champ Holland

- Aerobatic School Listing
- Upset prevention  
and recovery training



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*"As great an air show pilot as Rob is, I think he really shines in his ability to switch between air shows and competition during the year. That is a difficult task."*

—Mike Goulian

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## THE COVER

Rob Holland going ballistic for photographer Scott Slocum.

PUBLISHER: Doug Sowder  
IAC MANAGER: Trish Deimer-Steineke  
EDITOR: Reggie Paultk  
EDITOR IN CHIEF: J. Mac McClellan  
SENIOR ART DIRECTOR: Olivia P. Trabbold

**CONTRIBUTING AUTHORS:**

Lynn Bowes	Laurie Penner
Randy Brooks	Doug Sowder
Reggie Paultk	Beth Stanton

**IAC CORRESPONDENCE**

International Aerobatic Club, P.O. Box 3086  
Oshkosh, WI 54903-3086  
Tel: 920.426.6574 • Fax: 920.426.6579  
E-mail: [reggie.paultk@gmail.com](mailto:reggie.paultk@gmail.com)

**ADVERTISING**

Vice President of Business Development:  
Dave Chaimson [dchaimson@eaa.org](mailto:dchaimson@eaa.org)

Advertising Manager:  
Sue Anderson [sanderson@eaa.org](mailto:sanderson@eaa.org)

Business Relationship Manager:  
Larry Phillip [lphillip@eaa.org](mailto:lphillip@eaa.org)

**MAILING:** Change of address, lost or damaged magazines, back issues.

EAA-IAC Membership Services  
Tel: 800.843.3612 Fax: 920.426.6761  
E-mail: [membership@eaa.org](mailto:membership@eaa.org)

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**REGGIE PAULK**  
COMMENTARY / EDITOR'S LOG

## Rob Holland

Champion of the 2013 Unlimited category

**EVERYONE KNOWS ROB** Holland the pilot and competitor—very few know Rob Holland the husband and friend. That's the perspective we get this month in our feature on Rob as champion of the 2013 Unlimited power category at Nationals. Thanks to generous responses from his wife, friends, and colleagues, we have a glimpse into Rob's life outside the cockpit.

I've been privileged to spend some time with Rob, and he's every bit the humble and helpful

This month, we're featuring the directory of aerobic flight schools as listed on [www.IAcusn.org/schools](http://www.IAcusn.org/schools).

guy you'll hear about in rumors. He'll hop out of his MXS after an Unlimited flight, strap on a parachute, and jump into the front cockpit of a Pitts to fly as safety pilot for a Sportsman competitor. He's always working to advance the sport, and that includes working with those who are new to it.

This month, we're featuring the directory of aerobic flight schools as listed on [www.IAcusn.org/schools](http://www.IAcusn.org/schools). As you look through the directory, you might be sur-

prised to see some of the biggest names in aerobatics listed. People such as Sean Tucker, Mike Goulian, Patty Wagstaff, and others. Where else can you fly with a recipient of the Harold Neumann trophy for judging excellence? Give John Morrissey a call. Want to fly with a former Unlimited champion? Call Debby-Rihn Harvey.

Many of the instructors listed in the directory are not only competitors, but have performed numerous functions on the ground—such as judging. If you want to do more than just learn aerobatics, there are ample opportunities to fly with pilots who are the best at what they do, and can help you achieve your best as well. Take the time and call around—you'll be glad you did!

As a reminder, I'd also like to extend an invitation to those of you who may be tossing around an idea or two for an article in these pages. If you've got the inclination and the time, I appreciate your contributions. Our members benefit from the experience of others—and it takes a little extra to get that experience down in print. Thank you to those who have contributed and to those who will. **IAC**

Please submit news, comments, articles, or suggestions to: [reggie.paultk@gmail.com](mailto:reggie.paultk@gmail.com)



**DOUG SOWDER**

COMMENTARY / IAC PRESIDENT, IAC 14590

Please send your comments, questions, or suggestions to: [dsowder@aol.com](mailto:dsowder@aol.com)

# Is it spring yet?

## Checking the airplane

**BY THE TIME YOU READ THIS,** spring may have sprung. At least, I hope. Here in the Pacific Northwest, we've been watching the news and weather, with nonstop bad news for the Midwest, East, and some of the South. We really can't complain much about our weather, what with the usual snow, cold, fog, low clouds, and wind, because everywhere else it's worse. Except in California, but then there's that drought thing. Now it's time to get out to the hangar or tiedown (still, better take a shovel) and get the trusty plane ready for the flying season. It goes without saying that it's best to start the season with an airplane in perfect condition, and that a surprising number of things can go wrong during the winter.

Probably the tires are flat-spotted, so rotate them a half turn and air them up to the maximum recommended pressure. If your plane uses bungee cord gear, check it carefully. Load the plane with the weight equivalent of fuel and pilots, using volunteers to simulate the pilots, and roll it forward and back. Bounce the wings up and down. The bungees should not stretch, but if they do, this is the time to change them. It's also a good time to check your mag timing, clean the fuel screens, sump the tanks, and clean your fuel injector nozzles if you have them. An ancient Heathkit ultrasonic cleaner and Hoppe's No. 9 solvent work great for me. Clean and gap the spark plugs. Be sure the

battery is well charged and the alternator belt tight. Check the prop carefully; someone may have backed a truck into it. If your engine uses an oil cooler with a duct from the aft baffles, check its full length; the engines that we are flying won't last long with a cooler blocked by a bird's nest, a mouse nest, a rag, or an errant piece of Styrofoam packing from Aircraft Spruce. If you parked the plane with old oil last fall, warm it up and change it. Then do an exceptionally thorough preflight inspection before you fly.

You probably have a plan to regain g-tolerance, but my best suggestion is to plan several short flights to get there, using 3g or less and short pulls and pushes (say, 45-degree pulls as opposed to full loops). You'll feel better and sleep better if you don't indulge in serious pain right away.

If you plan to compete or judge, you may not be surprised to find that your IAC board of directors has made or changed a few rules. The new Contest Rule Book came out on February 23, so download it and follow along with a brief description of what's new:

September 1 of each year is the new deadline for new rules proposals. (See the foreword.) This gives you more time to think of and propose new rules. Do your best to articulate your proposals, as our Rules Committee will be a bit stretched by their shorter time frame.

Rule 2.6.3 provides that a judge

certified in one year remains certified for certain functions until the time of the first issue of the Approved Judges List in the new year. This will help out with the signing of Frees and with early season contests.

Rules 3.6.2 and 3.6.3 now provide less draconian penalties (perhaps I should say better options) for competitors who arrive at a contest a bit late. Don't plan to be late, but if it happens, you'll get some relief here.

Rule 3.16.1(b) raises the protest fee from \$25 to \$50.

Rule 4.16 now allows gliders to thermal after tow release and during interruptions.

Rule 4.19.3 now specifies actual surface wind limits for contest flight.

Rule 5.3 – The requirement for a competitor to fly at least 75 percent of the figures in a Known Program has been deleted.

Rules 6.16(g) and 6.16(f) clarify penalties for incorrect or absent K-factors on Free Program Form A.

Rule 7.3.1 and the glossary introduce the concept of the "hard zero" and the "numeric zero." (I have always thought of these as "cumulative" or "countdown" zeros.) Study these carefully, especially if you plan to judge or chief judge. Study it extra carefully if you're a pilot and you think you have a protest—remember 3.16.1(b) above.

One of the keys to the International Aerobatic Club's success

*continued on page 23*



## Re-introducing the Collegiate Program

BY LYNN BOWES

SOUTH CENTRAL REGIONAL DIRECTOR

COLLEGIATE PROGRAM CHAIR

LYNN.BOWES@HOTMAIL.COM

In a nutshell, the Collegiate Program is designed for young pilots enrolled in college course studies—not necessarily aviation-related courses—who hold at least a private pilot rating. The majority of these collegiate pilots compete in the Primary or Sportsman categories, although they may fly in any category for which they are qualified.

University sponsorship is desirable but not required in order to be considered a team. A collegiate team is three or more students, one student flying Sportsman or higher.

An individual can compete even if there are no other students from that college.

Dominating the IAC Collegiate Series since its inception in 2001 are Embry-Riddle, the University of North Dakota, and Southern Illinois University in the power categories and the United States Air Force Academy in the power and glider categories. New teams have been organized at Kansas State University, and new individual competitors have cropped up at the University of Wisconsin, so we know the interest is out there—we just need to spread the word.

In the spring of 2013, information packets were sent to nearly 250 schools and universities with aviation programs as well as to the IAC-maintained list of aerobatic schools. With this information in hand, chapters and contest organizers will have no problem introducing themselves as the leaders in safe, precision aerobatics.

With the competition season upon us, now would be a good time to take a look at your chapter and see where your young pilots can fit into your contest schedule. Think about members of your own family, some of whom are just getting started with upset training and the loop, roll, and spin aspects of aviation. If you know of a young person who is a private pilot and interested in learning the safe way to perform simple aerobatic maneuvers, introduce them to the IAC. Remember two simple things—private pilot certificate and currently enrolled in course studies.

Whether they compete or simply spend their first exposure to the contest environment as observers, these pilots are valuable assets to the IAC. Taking the time to introduce them to your chapter will serve them in so many ways if we just make the effort. With an

emphasis on safety, instructors, students, and all of IAC would benefit if chapters can and will volunteer to be mentor chapters to students and become a real and valuable source for student networking.

My contact information is at the beginning of this article, and IAC may be reached at: [iac@eaa.org](mailto:iac@eaa.org)

## The IAC Achievement Awards program

BY LORRIE PENNER

IAC ACHIEVEMENT AWARDS CHAIR

The IAC aerobatic Achievement Awards program was formulated to promote and advance sport aerobatics. The Achievement Awards program provides the mechanism through which competition and non-competition pilots can work to reach the desired level of proficiency, under strictly controlled conditions, and always with an eye on safety. Aerobatic competitions benefit as more people are encouraged to enter; aerobatic education is more widely disseminated; and aerobatics as a sport will grow as more people learn of the enjoyment, fun, and comradeship that is aerobatics.

Power and glider pilots can earn achievement awards at a competition, also known as the "Stars" Achievement Award, or in a non-competition environment, also known as the "Smooth" Achievement Award. Smooth awards can be earned in the traditional method by flying before a current IAC judge who evaluates applicants from the ground or by flying with a CFI or MCFI-A in the plane with them.

These awards are not easy to achieve, and whether flying in competition, in front of a judge, or with a CFI, when an award is earned, it is truly something of which to be proud. Achievement Award details can be found on the IAC website at [www.IAC.org/legacy/achievement-awards](http://www.IAC.org/legacy/achievement-awards).

## Call for IAC Non-Flying Award Nominations

Each year, the membership of the IAC nominates outstanding volunteers to be recognized for their contribution to the sport of aerobatics. This is an excellent opportunity to give recognition to an outstanding IAC member who spends his or her valuable time volunteering. Use this link—[www.IAC.org/award-nomination-form](http://www.IAC.org/award-nomination-form)—to make an online nomination. You can nominate your fellow IACers for one of five non-flying awards.

### Frank Price Cup

The purpose of the award is to recognize the person who has contributed the most to the sport of

aerobatics in the previous year. The award is presented annually and will be selected by a secret ballot of the IAC board of directors. Nominations can be submitted by any IAC member. The award was conceived and donated by R.J. Rouse of Texas. It was created to recognize outstanding individuals in aerobatics and in honor of aerobatic pioneer Frank Price, the first American to compete in the World Aerobatic Championships.

#### **Robert L. Heuer Award for Judging Excellence**

Member Sam Burgess of San Antonio, Texas, conceived the idea for presenting a trophy to the outstanding aerobatic judge each year. He provided the permanent trophy to recognize the outstanding achievements made to competition aerobatics by the judges. The award is given annually for outstanding performance as an aerobatic judge during the contest year.

#### **Kathy Jaffe Volunteer Award**

This award recognizes an outstanding volunteer during the previous year. The award was donated in memory of Kathleen Jaffe. Her spirit and enthusiasm for aerobatics and the aerobatic community were truly remarkable. She was also a competition pilot.

#### **Harold E. Neumann Award for Outstanding Contribution as a Chief Judge**

The family of Harold E. Neumann provided the permanent trophy in 1998 to recognize the outstanding chief judge and to honor the name of Harold E. Neumann, Collier Trophy recipient, Thompson Trophy race winner, active IAC competitor, and judge until well into his 70s. The award is given annually for outstanding contribution as a chief judge during the prior contest year.

#### **Curtis Pitts Memorial Trophy**

This award was donated by the Pitts family in the memory of Curtis Pitts. From the first design called the "Little Stinker" in 1944 to the Model 14 designed just before his death in 2005, Curtis Pitts was one of the most prolific aircraft designers in aviation history. His designs, and their descendants, forever changed the world of aerobatics.

A detailed description of all the non-flying awards can be found here: [www.IAC.org/legacy/non-flying-awards](http://www.IAC.org/legacy/non-flying-awards)

The deadline is June 30, 2014, for nominations of volunteers who will be recognized for their efforts in the 2013 flying season.

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**YOUR COCKPIT  
TO ADRENALINE**

Your 2013 Unlimited  
**National Champion**  
**Rob Holland**

BY REGGIE PAULK



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## THE 2013 NATIONALS MARKED

Rob Holland's third Unlimited win in the power category, and since his story has been featured in the pages of *Sport Aerobatics* for the last couple of years, we needed to be creative to showcase him in a way no one had seen before. What better way than speaking with some of the important people in his life?

According to Rob, his wife, Jessica, is "the smarter, better-looking, more talented, more fun person in the relationship." He flies airplanes upside down, and she does absolutely everything else and flies.

"She's the hiker and aeronautical engineer," he says. "She works on cool projects, flight instructs, rides motorcycles, hikes the mountains, has an AR-15 and a shotgun. She's cool. Beyond anything, she's my best friend. We met through flying, and it's a big part of our lives. We both travel a lot, which makes it kind of an interesting relationship because we're away from each

other a lot. We've never known anything different—it's just the way it's been. We decided a long time ago it was going to be quality of time instead of quantity of time. When we're together, we just try to make the most of it."

"Rob and I met through flying," says Jessica. "I was training for my CFI when I first met Rob for an aerobatics flight. He was having trouble with a tooth abscess and couldn't fly, so canceled our flight on the spot. He was in considerable pain and asked if I would be kind enough to drive him to the pharmacy to pick up his antibiotic prescription. I had ridden to the airport on my motorcycle and took one look at Rob (6 feet 4 inches) and said, 'No way!' (I don't ride with passengers on the back who are bigger than me). He laughed and offered to let me drive his brand new

loaner Land Rover instead. That sounded like a fun ride and a fair trade, so I agreed and drove him to the pharmacy. Eventually, we did get to fly and became friends. Rob has many great qualities, and we have a lot of fun together. We really enjoy flying together or flying in formation! Rob has a good sense of humor and a great laugh. He thinks I sometimes take life too literally, and he always teases me about it and makes me laugh."

When asked what it's like being married to a man who spends so many weeks and months on the road, Jessica echoes Rob.



Rob and Jessica on their wedding day.  
SCOTT SLOCOM





Rob soars with the Angels.

SCOTT SLOCUM

"I am asked this question frequently," she says. "I usually respond with an answer like, 'It's great because I don't have to clean the house for the entire time he is gone!' or 'It's great because he isn't home to steal my Häagen-Dazs!' But all joking aside, I think the answer is that Rob and I are not in a parasitic relationship as we are both very independent individuals. I too travel quite a bit, and we both respect each other's pursuits of work and personal interests. We always try to make the best of the time we actually do have together, and I would offer that we spend more quality time together than many couples who are together most of the time."

Rob is known for his air shows and his competitive flying, but there's a lot of time in between those activities Jessica refers to as "the unglamorous side of Rob's 12-minute air show routine." What does Jessica see in Rob the rest of the world may not get to observe?

"I never get asked this question, and I think it's a good one. There are two things that come to mind: First, Rob is one of the most talented but humble individuals I have ever met. He never compares his achievements to others—just his own. He also recognizes and lauds other people's talents, regardless of how they might compare to his. You won't hear Rob say demeaning things about other pilots, and he is never too proud

to learn from others. I think this outlook certainly adds to his success. The second point is about the incredible work and sacrifice that Rob has made, and continues to make, to earn a living flying air shows. Some people say that Rob is lucky because he flies air shows for a living, and I think this is an absurd statement. Luck is winning the lottery—success is working extremely hard to apply and develop your god-given talents. I see firsthand his dedication, hard work, and perseverance. Rob is definitely successful, not lucky."

As a three-time national Unlimited champion, one wonders about Rob's competitive spirit when not flying. "I often think of 'competitive' as a personality trait," Jessica begins. "Where people will try very hard to be better than others. I don't see that in Rob at all. He simply tries to get better in comparison to his own performance. I have seen him apply this philosophy in other areas other than flying, and it is an effective method to self-improvement."

"Rob and I always have a good laugh about each other's line of work and how they are so different," she says. "I work on airborne collision avoidance, and we always find irony in the fact that I am trying to get airplanes further apart while he is trying to fly closer together!"

Many people are unaware of the influence Mike Goulian had on Rob's early aerobatics career.

"Goulian I've known for a while," Rob says. "What a lot of people don't know is that my first aerobatic job was actually working for Mike at his flight school. He gave me a shot to run his aerobatic program—which I did that for a year. That's when I learned you could fly aerobatics and have people pay for it. With his blessing, I left and started my own aerobatic school. He gave me a shot to really get some good experience. That's really how I got to know him. I've also known him through his air shows for quite a long time now. Anyone who knows Mike knows he's just an easygoing guy. He's like everyone's best friend—an excellent pilot. He hasn't done competition for a while now, and every time you see him fly, it's obviously incredibly precise. He's been a mentor and an inspiration."

When asked to comment about Rob, Mike generously offered his insight.

"Trying to balance the air show and competition disciplines is very difficult," says Mike. "To be proficient at both takes an equal amount of training and practice. No matter what type of flying you are doing, if people are watching from the ground, the only way to tell if you're doing it right is by having a coach on the ground."

Rob and I have spent a good deal of time together trying to perfect our own individual flying styles while also creating a more exciting air show or four-minute sequence. As great an air show pilot as Rob is, I think he really shines in his ability to switch between air shows and competition during the year. That is a difficult task."

Francois Levot recently took the championship title at the 2013 Unlimited World Aerobatic Championships in Texas. As fellow competitors, and champions in their own right, the respect these two men have for each other is obvious.

"I like Francois a lot," says Rob. "Of all the years of doing competition, this is the first year I got to



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know people on the French team. I've got a lot of respect for those guys. They fly very well; they're easygoing people who love flying aerobatics. Francois flies exceptionally well. He flew fighters and now flies aerobatics for the military. He's fun, dedicated to the sport, and a good guy. I really enjoyed watching him fly at the Worlds, and I have a lot of respect for him."

Francois's opinion of Rob is no less flattering.

"All I can say about Rob is that I've been carefully watching his progression for several years," Francois says. "As we say, there's no smoke without a fire, and I was very interested in this young guy I was hearing about more and more.

"Rob is undoubtedly a very talented pilot born with a natural ability to fly. That's perfectly illustrated in his flight displays, where amazing and brand new maneuvers appeared in the past few years. Rob has been famous in the French military aerobatic team. We all agree that this highly talented profes-

sional pilot is on top of freestyle aerobatics, and we all try to figure out how he flies his outstanding maneuvers. He's a very pleasant guy to share with, a serious businessman who leads his team with efficiency; it's always been a pleasure to fly against (or with) Rob during an aerobatic contest. He's earned the respect and admiration of the whole world of aerobatic aviation. A guy like Rob acts like steroids on other pilots, for he's like an example to imitate and a master to defeat during the daylight hours, and a friend to share a beer with in the evening."

Bill Stein flies formation with Rob, Matt Chapman, and Jack Knudsen as part of "The 4CE" formation aerobatic team. He's probably best known as a pilot who flew with the Red Baron team flying Stearman biplanes.

"Bill Stein is probably hands-down the best formation pilot I've ever flown with," Rob says. "He's like the formation guru. He spent a lot of time with the Red Barons and the Collaborators. He's also a really good

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instructor and teacher. I've known him for quite a while through air shows, and over the past few years we started a formation team together. I've got to know him well, and I've learned a lot from him along the way. He's just a good guy and good friend. He's a very good pilot, and I've got a lot of respect for him."

Bill's opinion of Rob was formed before he'd ever met him.

"The first I ever heard of Rob," says Bill, "was when I heard about what a great candidate he was for the Red Baron Squadron, and how disappointed they were he didn't accept the offer they'd made for him to join the team. Maybe Rob and I were destined to fly formation for a long time. We bumped into each other on the road a lot, and both ended up being hired at the same set of shows around the Chicago area.

"One day we were sitting around in the pilot's lounge, looking at each other, and there's Rob and Jack Knudsen flying a two-ship act and Matt Chapman was there along with myself. And we all looked at each other and said, 'We should brief and go out and practice.' We thought that was a good idea. We started flying formation during some of the downtime at the air shows we were at. A year later, we'd put in our time and had our skill development done. So we put together a sequence and started flying at air shows.

"One of the reasons why Rob is such a great pilot is that he works harder than anybody else. He lives, eats, and breathes aerobatics. He is all about it in a way very few people I've ever met are. He's more passionate than most, he certainly applies himself more than almost anybody, and has an aptitude for it—which are the ingredients for success."

As a professional air show pilot, Rob depends on sponsorships as



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part of his income. Rob has developed a close relationship with Shane Rampy of Champion.

"Shane is a great guy," he says. "One of my first long-term sponsors was with Champion. They've been absolutely awesome to work with, and they've taken really good care of me. In exchange, I try to take really good care of them. Shane's been my point-of-contact with them from the beginning, and he's been a good guy. When I show up at Sun 'n Fun, he takes me out for a steak dinner and treats me well. He's what I like in a sponsorship, because it's more about the relationship—not just the sponsor. I can call Shane any time to talk about anything, which is pretty cool. He's a unique individual."

Shane initially thought he'd be too biased to comment for this article, but that was really the point. So he offered his opinion of Rob as well.

"Rob is a great pilot; arguably one of the world's best today. When you manufacture the premier aviation ignition products, it is good to have them being displayed operating under the most intense conditions, and the Ultimate Airshows team definitely puts the equipment through its paces.

"Rob Holland gives us, as a spon-

sor, as near perfect a package as you'll see in aviation or any other performance-driven industry. Rob's skill and knack for innovation as a pilot provides a fantastic platform to showcase the quality, performance, and reliability of our products. The Ultimate Airshows team is a professional, well-run organization, which makes managing schedules, communication, and the logistics of making sure that the right parts arrive at the right place at the right time nearly seamless. Add that with Rob's personality, the friendly, engaging, inclusive demeanor that makes him such a hit at

interviews and autograph sessions and you have as beneficial sponsor/performer relationship as a company could hope for. Rob honestly looks for opportunities to promote and assist his sponsors."

Last year's sequester cut deeply into Rob's already pared-down air show schedule. Initially booked for 22 shows, he was only able to fly 13 after cancellations brought on by the sequester. But things are changing.

"This year is looking tremendously better," he says. "The jets are coming back, which will help a lot. Last year, I started off with 22 shows, which is down a little bit for me, because I did that on purpose to make time to practice for Nationals and Worlds. Then I lost a bunch of shows. This year, I've got 25 scheduled, and they should all stick, which is about a normal season for me. It should be significantly better. Then I'm going to try to find the time to dedicate to practice for Nationals again. Go back there and see if I can go for a 'four-pete.' I don't want to get my hopes up, because there are a lot of good pilots out there, but I'm going to show up and do my best."

He's going to show up and do his best—that's Rob Holland in a nutshell.

IAC

# Aerobatic Flight Schools

The following are flight schools, and/or individuals, that have requested to be listed here as an aerobatic flight school or instructor. The IAC does not endorse or recommend any of the schools listed or the qualifications, experience, or expertise of any aerobatic instructors. To have your school listed in this directory, or to revise your listing, please use the school update or instructor update form. Or complete and mail the aerobatic flight school directory application on the web at: <http://www.iacusn.org/schools/index.php>

## Alaska

### Alaska Aerobatics UUO - Willow, AK

Phone: 907-355-2598

E-mail: [cmoore@mtaonline.net](mailto:cmoore@mtaonline.net)

Web: [www.alaskaerobatics.com](http://www.alaskaerobatics.com)

Aircraft: American Champion Super Decathlon

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics.

Instructors: Chuck Moore, CFI

## Alabama

### ACRO Air 3M5 - Huntsville, AL

Phone: 256-829-8299

E-mail: [Akomara2@yahoo.com](mailto:Akomara2@yahoo.com)

Web: [www.flyacroair.com](http://www.flyacroair.com)

Aircraft: 8KCAB, 7GCAA, N2S-3

Courses: Tailwheel endorsement, Stall/spin recovery, unusual attitude/upset training, Recreational aerobatics, Competition aerobatics, RV aerobatics.

Instructors: Aaron Komara, CFI

Rick Stroud, CFI

## Greg Koontz Aerobatics at Sky Country Lodge AL60 - Ashville, AL

Phone: 205-616-8176

E-mail: [gkairshows.com](mailto:gkairshows.com)

Web: [www.gkairshows.com](http://www.gkairshows.com)

Aircraft: New Super Decathlon, Clipped-Wing Cub, J-3 Cub, customer's aircraft

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics.

Teaching acro since 1974.

Instructors: Greg Koontz, MCFI-A, Aerobic Competency Evaluator (A.C.E.)

## Arkansas

### Summit Aviation KASG - Springdale, AR

Phone: 520-390-7889

E-mail: [edonwitt@yahoo.com](mailto:edonwitt@yahoo.com)

Web: [upsetrecoveryarkansas.com](http://upsetrecoveryarkansas.com)

Aircraft: Citabria 7GCBC

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

Instructors: Don Witt, CFI

Brian Grizzle, CFI

## **Arizona**

### **Arizona Soaring Inc. E68** – Maricopa, AZ

Phone: 520-568-2318

E-mail: [jason@azsoaring.com](mailto:jason@azsoaring.com)

Web: [www.azsoaring.com](http://www.azsoaring.com)

Aircraft: MDM-1 Fox, Grob G103A

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, glider aerobatics

Teaching glider aerobatics for 40 years. Three-time U.S.

National Champion.

Instructors: Jason Stephens, CFI

Bruce Waddell, CFI

### **APS Emergency Maneuver Training IWA** – Mesa, AZ

Phone: 866-359-4273

E-mail: [info@apstraining.com](mailto:info@apstraining.com)

Web: [www.apstraining.com](http://www.apstraining.com)

Aircraft: Three Extra 300Ls

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, CFI spin endorsement.

Instructors: Paul BJ Ransbury, MCFI-A

Dave Duntzman, CFI

Philip Oppenheimer, CFI

Bill Moffat

Eric Nedergaard, CFI

Clarke McNeace, MCFI-A

Dede Fuller, CFI

Brian Willet, MCFI-A

### **FlipSide Aerobatics KAVQ** – Marana, AZ

Phone: 425-785-9922

E-mail: [will@flipsideaerobatics.com](mailto:will@flipsideaerobatics.com)

Web: [www.flipsideaerobatics.com](http://www.flipsideaerobatics.com)

Aircraft: Pitts S-2B

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics

Available for contest flights with safety pilot if current customer; based at Renton, WA, May-Sept; Tucson in winter.

### **Chandler Air Service Inc. KCHD** – Chandler, AZ

Phone: 480-963-6420

E-mail: [fly@aerobatics.com](mailto:fly@aerobatics.com)

Web: [www.aerobatics.com](http://www.aerobatics.com)

Aircraft: Great Lakes 2T-1A-2 (4), Piper Super Cub (4), Pitts S2C

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout

FAA and approved for tailwheel and acro; Cubs and Lakes can be rented to qualified pilots.

Instructors: Curt Langenhorst

John Walkup, CFI

Steve Smith, CFI

Matt Lehti, CFI

Justin Kelly, CFI

Lary Leadford, CFI

Greg Stafford, CFI

### **Turf Soaring School P48** – Peoria, AZ

Phone: 602-439-3921

E-mail: [royc@turfsoaring.com](mailto:royc@turfsoaring.com)

Web: [www.turfsoaring.com](http://www.turfsoaring.com)

Aircraft: Grob 103A, ASK-21

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, glider aerobatics

Ten-flight basic glider aerobatics. Custom-designed training.

Instructors rated CFI-G. 47 years experience.

Instructors: Roy Couillette, CFI

Rick Brown, CFI

Danny Webber, CFI

Carl Baxter, CFI

### **Budd Davisson's Plus 5/Sport AERO SDL** – Phoenix, AZ

Phone: 602-971-3991

Fax: 602-971-3896

E-mail: [buddairbum@cox.net](mailto:buddairbum@cox.net)

Web: [www.airbum.com](http://www.airbum.com)

Aircraft: Pitts S-2A

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

High-end accommodations. Pitts & high-performance taildragger checkouts for all aircraft types.

Instructors: Budd Davisson, CFI

### **Vertical Works SDL** – Scottsdale, AZ

Phone: 732-865-1610

E-mail: [bubbaron43@gmail.com](mailto:bubbaron43@gmail.com)

Web: [theverticalworks.com](http://theverticalworks.com)

Aircraft: Pitts S-2C

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout. Customer-designed program, Primary through Advanced, formation. Instructor is active Advanced competitor. Excellent year-round weather.

Instructors: Ron Chadwick, CFI

## **California**

### **Bill Cornick Airshows CMA** – Thousand Oaks, CA

Phone: 805-492-1066

E-mail: [akropilot@billcornick.com](mailto:akropilot@billcornick.com)

Web: [www.billcornick.com](http://www.billcornick.com)

Aircraft: Pitts S-2C, Cessna 140, customer-owned aircraft

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics. Primary through Unlimited

Instructors: Bill Cornick, MCFI-A, A.C.E.

### **Training Squadron DVO** – Novato, CA

Phone: 425-891-8519

E-mail: [info@trainingsquadron.com](mailto:info@trainingsquadron.com)

Web: [www.trainingsquadron.com](http://www.trainingsquadron.com)

Aircraft: Bellanca Decathlon, Fairchild PT-19

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, competition aerobatics.

**Sky Thrills! FUL** – Fullerton, CA

Phone: 714-402-4888

E-mail: [skythrills@gmail.com](mailto:skythrills@gmail.com)Web: [www.skythrills.com](http://www.skythrills.com)

Aircraft: Pitts S-2C, Extra 300L, Marchetti SF-260, Waco YMF-5C

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

Teaching aerobatics for 18 years.

Instructors: Michael Blackstone

**Tutima Acad. of Av. Safety-Sean D. Tucker KIC** – King City, CA

Phone: 657-888-4621

E-mail: [info@tutimaacademy.com](mailto:info@tutimaacademy.com)Web: [www.TutimaAcademy.com](http://www.TutimaAcademy.com)

Aircraft: Extra 300L, Pitts S-2C, Pitts S-2B

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout. World-class instruction staff/equipment. All instructors are SAC card holders/air show pilots.

**Attitude Aviation KLVK** – Livermore, CA

Phone: 925-456-2276

E-mail: [attav@aol.com](mailto:attav@aol.com)Web: [www.AttitudeAviation.com](http://www.AttitudeAviation.com)

Aircraft: Pitts S-2C, Great Lakes, Waco Classic, Marchetti SF260, North American T-6, L-39 Albatros (Jet), Citabria GCBC, Citabria 7ECA, Cessna 152A Aerobat, Cessna 172M, Cessna 172SP, Grumman AA-1B, Piper A-3 Cub, Super Decathlon 8KCAB Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics Primary through Advanced aerobatics.

Instructors: Rich Perkins, CFI

Rhett Boeger, CFI

Edward Doerr, CFI

Rolf Peterson, CFI

Yuichi Takagi, CFI

Mark Little, CFI

Bill Donovan, CFI

James Pabst, CFI

Allen Kukucka, CFI

**West Valley Flying Club KPAO** – Palo Alto, CA

Phone: 650-856-2030

E-mail: [gm@wvfc.org](mailto:gm@wvfc.org)Web: [www.wvfc.org](http://www.wvfc.org)

Aircraft: Super Decathlon, Citabria

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics. Rental available on all aircraft.

Instructors: Blake Coleman, CFI

Greg Savidge, CFI

Bill Hightower, CFI

Josh Smith, CFI

Cory Lovell, CFI

Lennert Von Clem, CFI

Clark Harrell, CFI

**Powers Performance Aviation KSEE** – San Diego, CA

Phone: 619-318-8364

E-mail: [info@flyppa.com](mailto:info@flyppa.com)Web: [www.flyppa.com](http://www.flyppa.com)

Aircraft: Aeronca Champ, Citabria 7KCAB, Super Decathlon 8KCAB

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics

Instructors: Eamonn Powers, CFI

**San Diego Aerobatix KSEE** – San Diego, CA

Phone: 619-318-8364

E-mail: [info@sdaerobatix.com](mailto:info@sdaerobatix.com)Web: [www.sdaerobatix.com](http://www.sdaerobatix.com)

Aircraft: 8KCAB Super Decathlon, Extra 300L

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics

Instructors: Eamonn Powers, CFI

Jerb Johnson, CFI

**CP Aviation KSZP** – Santa Paula, CA

Phone: 805-525-2138

E-mail: [judy@cpaviation.com](mailto:judy@cpaviation.com)Web: [www.cpaviation.com](http://www.cpaviation.com)

Aircraft: Pitts S-2B, Decathlon, Super Decathlon, Citabria

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics

Instructors: Judy Phelps, MCFI-A

Dianne Williams, CFI

Charlotte Alexander, CFI

Darin Moody, CFI

Jeremy Dempsey, CFI

Mark King, CFI

**Olmsted Aviation KSZP** – Santa Paula, CA

Phone: 831-334-7232

E-mail: [chris@olmstedaviation.com](mailto:chris@olmstedaviation.com)Web: [olmstedaviation.com](http://olmstedaviation.com)

Aircraft: Pitts S-2A

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout.

**Aragon Aviation Inc. KTCY** – Berkeley, CA

Phone: 510-527-4466

E-mail: [aragon@dcai.com](mailto:aragon@dcai.com)Web: [www.dcai.com/flight](http://www.dcai.com/flight)

Aircraft: Citabria 7ECA, Citabria KCAB, Super Decathlon, Owner's aircraft

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics Three-hour safety course. Ten-hour aerobatic course.

Primary through Unlimited competition. Customer-designed. Former member of the U.S. Unlimited team.

Instructors: Cecilia Aragon, CFI

**Jackson Air Flight Training KTRM** – Thermal, CA  
Phone: 760-289-5148  
E-mail: [info@flyjacksonair.com](mailto:info@flyjacksonair.com)  
Web: [www.flyjacksonair.com](http://www.flyjacksonair.com)  
Aircraft: American Champion 7GCBC, Citabria Explorer  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics  
Instructors: Ed Johnson, CFI  
Scott Mourhess, CFI

**N51E Inc. MHV** – Mojave, CA  
Phone: 310-877-0041  
E-mail: [chuck@ctcoleman.com](mailto:chuck@ctcoleman.com)  
Web: [www.ctcoleman.com](http://www.ctcoleman.com)  
Aircraft: Extra 300L  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics  
Instructors: Chuck Coleman, CFI

**Adventure Wings Aviation MARY** – Monterey, CA  
Phone: 831-383-8620  
E-mail: [badassflyeri@hotmail.com](mailto:badassflyeri@hotmail.com)  
Web: [www.adventurewingsaviation.com](http://www.adventurewingsaviation.com)  
Aircraft: Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics  
Instructors: Erik Fleming, CFI

**Max G Aviation PAO** – Palo Alto, CA  
Phone: 432-213-5189  
E-mail: [jerod@maxgaviation.com](mailto:jerod@maxgaviation.com)  
Web: [www.maxgaviation.com](http://www.maxgaviation.com)  
Aircraft: Decathlon, Extra 300L  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics

**AeroDynamic Aviation RHV** – San Jose, CA  
Phone: 408-251-4939  
E-mail: [info@aerodynamicaviation.com](mailto:info@aerodynamicaviation.com)  
Web: [www.aerodynamicaviation.com](http://www.aerodynamicaviation.com)  
Aircraft: Citabria 7KCAB, Super Decathlon.  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics. Competition training–Primary, Sportsman, Intermediate. Formation. Customer-designed program. Solo rental of aircraft after checkout.  
Instructors: Len Von Clemm, CFI

Zdravko Podolski, CFI  
Grainne Gilvarry, CFI  
Dave Gray, CFI  
Jim Grant, CFI  
Eric Ruhe, CFI  
Erik Schmidt, CFI  
Mark Guerrero, CFI  
Rimas Viselga, CFI

**5g Aviation Inc. SNA** – Santa Ana, CA  
Phone: 800-337-3595  
E-mail: [info@fly5g.com](mailto:info@fly5g.com)  
Web: [www.fly5g.com](http://www.fly5g.com)  
Aircraft: 2012 Super Decathlon, 2005 Extra 300LP  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics  
Instructors: Ty Frisby, CFI  
Gray Brandt, CFI  
Ron Rapp, CFI  
Chris Bebensee, CFI  
Debby Laslo, CFI  
Michelle Kole, CFI  
Eric Bushouse, CFI  
Ted Inkmann, CFI  
John Scruggs, CFI  
Chaz Perrigoue, CFI

**Sunrise Aviation SNA** – Santa Ana, CA  
Phone: 800-717-4200  
E-mail: [mc@sunriseaviation.com](mailto:mc@sunriseaviation.com)  
Web: [www.sunriseaviation.com](http://www.sunriseaviation.com)  
Aircraft: Citabria, Decathlon, Pitts S-2B, Extra 300  
Courses: Tailwheel endorsement, stall/spin recovery, recreational aerobatics, competition aerobatics.  
Instructors: Michael Church, MCFI-A  
Bill Hill, MCFI-A  
Adam Zeeman  
David Smith  
Jon Nash  
Brandon Reed

**Desert West Aviation UDD** – Bermuda Dunes, CA  
Phone: 760-360-7400  
E-mail: [parker@desertwestaviation.com](mailto:parker@desertwestaviation.com)  
Web: [desertwestaviation.com](http://desertwestaviation.com)  
Aircraft: Cessna 152 Aerobat  
Courses: Stall/spin recovery, unusual attitude/upset training.

**Specialized Aviation WVI** – Watsonville, CA  
Phone: 831-763-2244  
E-mail: [main@spheli.com](mailto:main@spheli.com)  
Web: [spheli.com](http://spheli.com)  
Aircraft: Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics

## Colorado

**Dagmar Aerobatics Inc APA** – Denver, CO  
Phone: 303-887-4473  
E-mail: [DagmarAerobatics@me.com](mailto:DagmarAerobatics@me.com)  
Web: [www.DagmarAerobatics.com](http://www.DagmarAerobatics.com)  
Aircraft: Pitts S-2C  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics  
Instructors: Dagmar Kress, CFI

**New Attitude Aerobatics BJC – Denver, CO**

Phone: 303-469-7746  
E-mail: [JohnnyBlum@aol.com](mailto:JohnnyBlum@aol.com)  
Web: [www.flyaerobatics.com](http://www.flyaerobatics.com)  
Aircraft: Pitts S-2B, Citabria 7KCAB  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Instructors: John Blum, CFI

**Aces Up Aviation FLY – Falcon/Colorado Springs, CO**

Phone: 719-337-6012  
E-mail: [AcesUpAviation@juno.com](mailto:AcesUpAviation@juno.com)  
Web: [www.AcesUpAviation.com](http://www.AcesUpAviation.com)  
Aircraft: Moravan Zlin 242L  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics  
Instructors: Gary Frith, CFI

**Aspen Flying Club KAPA – Centennial, CO**

Phone: 303-799-6794  
E-mail: [fly@aspenflyingclub.com](mailto:fly@aspenflyingclub.com)  
Web: [aspenflyingclub.com](http://aspenflyingclub.com)  
Aircraft: Citabria, Super Decathlon Xtreme  
Courses: Tailwheel endorsement, recreational aerobatics  
Flight training in our Citabria and Super Decathlon Xtreme.

**Rocky Mountain Airports LLC KFLY – Peyton, CO**

Phone: 804-815-4891  
E-mail: [fly@rockymountainairports.com](mailto:fly@rockymountainairports.com)  
Web: [www.rockymountainairports.com](http://www.rockymountainairports.com)  
Aircraft: Customer-provided  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Instructors: Greg Baker, MCFI-A

**Air West Flight Center Inc. KLMO – Longmont, CO**

Phone: 303-776-6266  
Fax: 303-776-6288  
E-mail: [fbo@airwestflightcenter.com](mailto:fbo@airwestflightcenter.com)  
Web: [www.airwestflightcenter.com](http://www.airwestflightcenter.com)  
Aircraft: Citabria (2), Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, competition aerobatics.  
Instructors: Dick Bevington, CFI  
Al Gordon, CFI

**Rasher Aviation Inc. KM – Mintrosa, CO**

Phone: 970-274-3664  
E-mail: [pittstraining@gmail.com](mailto:pittstraining@gmail.com)  
Web: [www.pittstraining.com](http://www.pittstraining.com)  
Aircraft: Pitts S-2B  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Instructors: Jim Risher, CFI  
Marshall Burr, CFI

**Connecticut**

**S2C LLC DXR** – Danbury, CT  
Phone: 914-506-1126  
E-mail: [s2clicofct@gmail.com](mailto:s2clicofct@gmail.com)  
Web: [www.s2cllc.com](http://www.s2cllc.com)  
Aircraft: Pitts S-2C  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics S2C LLC is a solely owned company specializing in aerobatic training, upset training, spin training and CFI spin endorsements.  
Instructors: Aaron Ham, CFI

**Florida**

**Sky Dynamics Inc.** – Ocala, FL  
Phone: 469-766-2364  
E-mail: [MX2FLYR@comcast.net](mailto:MX2FLYR@comcast.net)  
Aircraft: MX2, S2B, RV-6, -7, -8  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics.  
We only train in your aircraft.  
Instructors: Kevin S. Campbell, CFI

**Draggin Tail Flight Training 2FLo** – Panama City, FL

Phone: 850-763-4645  
E-mail: [chrishbecker@hotmail.com](mailto:chrishbecker@hotmail.com)  
Aircraft: Citabria 7ECA  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics.  
Instructors: Chris Becker, CFI

**SunQuest Aviation F45** – West Palm Beach, FL

Phone: 561-627-0037  
E-mail: [fly@sunquestaviation.com](mailto:fly@sunquestaviation.com)  
Web: [www.sunquestaviation.com](http://www.sunquestaviation.com)  
Aircraft: Piper Super Cub, Pitts S-2A  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Instructors: Joe Brinker, CFI  
Cory Wallace, CFI

**Warbird Adventures Inc. ISM** – Kissimmee, FL

Phone: 407-870-7366  
E-mail: [fly@warbirdadventures.com](mailto:fly@warbirdadventures.com)  
Web: [www.warbirdadventures.com](http://www.warbirdadventures.com)  
Aircraft: T-6 (3)  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics. Formation flying.  
Instructors: Thom Richard, CFI  
Graham Meise, CFI  
Chuck Gardner, CFI  
Sean Sweeney, CFI  
Jim Harley, CFI  
Steve McDevitt, CFI  
John Sausedo, CFI

**Eagle Sport Aviation Club KDED** – DeLand, FL

Phone: 917-304-1534

E-mail: [pitts@eaglesportaviation.org](mailto:pitts@eaglesportaviation.org)Web: [www.eaglesport.com](http://www.eaglesport.com)

Aircraft: Pitts S-2B, J-3 Cub, Schweizer 2-33, Schweizer 1-26, ASK 21

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, glider aerobatics

Primary through Advanced competition.

Instructors: Ellie Hagoel, CFI

Mikhael Ponso, CFI

Ryan Waller, CFI

Jose Rojas, CFI

Andrea Luethi, CFI

**Acro Over Miami KTMB** – Miami, FL

Phone: 305-335-6523

E-mail: [chriskirk57@hotmail.com](mailto:chriskirk57@hotmail.com)

Aircraft: Citabria 7ECA

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training. Also available at KHW0-Hollywood FL. Specializing in CFI spin endorsements, tailwheel transitions, recreational aerobatics, unusual attitude recovery.

Instructors: Chris Kirk, CFI

**Miami Fly Inc. KTMB** – Kendall Tamiami, FL

Phone: 305-255-5519

E-mail: [info@miamifly.com](mailto:info@miamifly.com)Web: [www.miamifly.com](http://www.miamifly.com)

Aircraft: Decathlon 8K-CAB

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics. Eusebio has been instructing for 25 years and has 18,000 hours.

Instructors: Eusebio Valdes, CFI

**WingOver Aerobatics LLC LEE** – Leesburg, FL

Phone: 352-728-5667

E-mail: [ithirtz@aol.com](mailto:ithirtz@aol.com)Web: [www.wingoveraerobatics.com](http://www.wingoveraerobatics.com)

Aircraft: Pitts S-2B, Zlin 242L

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics. Advanced emergency techniques course. Special 10-hour courses.

Instructors: Steve Wolf, CFI

Kathy Hirtz

**Southeast Aerosport LLC LNA** – Lantana, FL

Phone: 954-358-9010

E-mail: [southeast aerosport@gmail.com](mailto:southeast aerosport@gmail.com)Web: [www.southeast aerosport.com](http://www.southeast aerosport.com)

Aircraft: Extra 300

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, rear seat dual available.

Instructors: Robert Ludlam, CFI

Darren Rothell, CFI

**Air Orlando ORL** – Orlando, FL

Phone: 407-896-0721

Fax: 407-896-7551

E-mail: [bryanl@flyairorlando.com](mailto:bryanl@flyairorlando.com)Web: [www.flyairorlando.com](http://www.flyairorlando.com)

Aircraft: Super Decathlon 8KCAB

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics. Primary, sportsman. CFI spin endorsement. Customer-designed program.

Instructors: Bryan Iadeluca, CFI

**Patty Wagstaff Aerobatic School SGJ** – St. Augustine, FL

Phone: 904-806-5778

E-mail: [patty aerobatics@gmail.com](mailto:patty aerobatics@gmail.com)Web: [pattywagstaff.com](http://pattywagstaff.com)

Aircraft: Extra 300L, Super Decathlon

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics

**Cirrus Aviation SRQ** – Sarasota, FL

Phone: 914-957-8718

E-mail: [msgllc@comcast.net](mailto:msgllc@comcast.net)

Aircraft: Pitts S-2B

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout

**Greg Woods Aerobatics VNC** – Venice, FL

Phone: 941-587-2277

E-mail: [bleauskie@yahoo.com](mailto:bleauskie@yahoo.com)

Aircraft: Extra 200

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics. Sharpen your flying skills and have fun doing it in the certified Extra 200.

Instructors: Greg Woods, CFI

**Georgia****Silver Ace Aviation KFFC** – Peachtree City, GA

Phone: 770-486-1893 Cell: 404-372-2771

E-mail: [silace@bellsouth.net](mailto:silace@bellsouth.net)Web: [www.silveraceaviation.com](http://www.silveraceaviation.com)

Aircraft: Pitts S-2B

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout

Instructors: Adam Mercure, CFI

Bill Mercure, CFI

**American Air Flight Training Inc. KPDK** – Atlanta, GA

Phone: 770-455-4203

E-mail: [aafpdk@bellsouth.net](mailto:aafpdk@bellsouth.net)Web: [www.fly-aafit.com](http://www.fly-aafit.com)

Aircraft: 1999 American Champion Super Decathlon

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics. Custom basic aerobatics courses. Instructor has over 33 years' experience.

Instructors: Steve Shaner, CFI

## **Skybound Aviation PDK** – Atlanta, GA

Phone: 678-691-3283

E-mail: [skybndco@skybnd.com](mailto:skybndco@skybnd.com)

Web: [www.skybnd.com](http://www.skybnd.com)

Aircraft: 1980 Super Decathlon

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics  
Custom-designed. Basic aerobatics.

Instructors: Michael O'Neal, CFI

Jeff Clark, CFI

## **Hawaii**

### **Kaimana Aviation HNL** – Honolulu, HI

Phone: 808-836-1031

E-mail: [acrobat@pixi.com](mailto:acrobat@pixi.com)

Web: [www.kaimanaaviation.com](http://www.kaimanaaviation.com)

Aircraft: CAP-10C

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics

Expert. Current low-altitude waiver (SAC).

Instructors: Hank Bruckner, CFI

## **Iowa**

### **Iowa Aerial Advertising LLC KIIB** – Independence, IA

Phone: 319-961-2156

E-mail: [jon@iowaaerialadvertising.com](mailto:jon@iowaaerialadvertising.com)

Web: [www.iowaaerialadvertising.com](http://www.iowaaerialadvertising.com)

Aircraft: Citabria 7GCAA

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics. Emergency maneuver training also available.

Instructors: Jonathan Walter, CFI

## **Idaho**

### **Pilot Training Northwest LLC KSZT** – Sandpoint, ID

Phone: 208-263-0326

E-mail: [Ken@imaxmail.net](mailto:Ken@imaxmail.net)

Web: [www.flightsafetynw.com](http://www.flightsafetynw.com)

Aircraft: CE-A150M

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics

Year-round vacation paradise, KSZT, 65S, KCOE.

### **Rich Stowell Consulting MYL** – McCall, ID

Phone: 805-218-0161

E-mail: [rich@richstowell.com](mailto:rich@richstowell.com)

Web: [www.richstowell.com](http://www.richstowell.com)

Aircraft: Citabria, Decathlon, Pitts S-2B, Owner-supplied aircraft

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics

Winter location, generally October through May in California.

Instructors: Rich Stowell, MCFI-A

## **Rich Stowell Consulting U70** – Cascade, ID

Phone: 805-218-0161

E-mail: [rich@richstowell.com](mailto:rich@richstowell.com)

Web: [www.richstowell.com](http://www.richstowell.com)

Aircraft: Super Decathlon, Owner-supplied aircraft

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics.

Instructors: Rich Stowell, MCFI-A

## **Illinois**

### **Gauntlet Warbirds ARR** – Sugar Grove, IL

Phone: 312-339-6348

E-mail: [greg@gauuntletwarbirds.com](mailto:greg@gauuntletwarbirds.com)

Web: [www.GauntletWarbirds.com](http://www.GauntletWarbirds.com)

Aircraft: T-6, Super Decathlon, Decathlon, Extra 300, L-39, Stearman, Yak-52, customer-owned aircraft

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics.

Instructors: Greg Morris, CFI

Dan Walton, CFI

Fred Bower, CFI

Vess Velikov, CFI

Dino Tsitsis, CFI

Al Armstrong, CFI

Ted Ribbens, CFI

Doug Tarmichael, CFI

## **Indiana**

### **Brown Flying School 3I3** – Terre Haute, IN

Phone: 812-466-2229

E-mail: [janice.simon@brownflyingschool.com](mailto:janice.simon@brownflyingschool.com)

Web: [www.brownflyingschool.com](http://www.brownflyingschool.com)

Aircraft: Cessna 152 Aerobat

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics. Basic aerobatic course.

Instructors: Matt Dessuit, CFI

### **Smoke-On Aerobatics LLC I83** – Salem, IN

Phone: 812-399-2014

E-mail: [Chris@Smoke-On-Aerobatics.com](mailto:Chris@Smoke-On-Aerobatics.com)

Web: [Smoke-On-Aerobatics.com](http://Smoke-On-Aerobatics.com)

Aircraft: 8KCAB Decathlon

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

### **Wild Aerobatics KOKK** – Kokomo, IN

Phone: 765-860-3231

E-mail: [mike.wild@hotmail.com](mailto:mike.wild@hotmail.com)

Web: [www.wildaerobatics.com](http://www.wildaerobatics.com)

Aircraft: Super Decathlon, Pitts S-2B, J-3 Cub

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics.

Instructors: Mike Wild, CFI

Greg Aldridge, CFI

## **Grayout Aerosports LLC MQJ** – Indianapolis, IN

Phone: 317-379-2622  
E-mail: [billy@grayout.com](mailto:billy@grayout.com)  
Web: [www.grayout.com](http://www.grayout.com)  
Aircraft: 2001 Pitts S-2C, C-140  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics.  
Instructors: Billy Werth, CFI  
John Braddock, CFI  
Ryan Maxfield, CFI

## **Kansas**

### **Welkin Aero Inc. KMHK** – Manhattan, KS

Phone: 785-317-8120  
E-mail: [brian@welkinaero.com](mailto:brian@welkinaero.com)  
Web: [www.welkinaero.com](http://www.welkinaero.com)  
Aircraft: Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Instructors: Brian Correll, CFI

### **Knife Edge Aerobatics WLD** – Winfield, KS

Phone: 620-221-1381  
E-mail: [knifeedgeakro@yahoo.com](mailto:knifeedgeakro@yahoo.com)  
Aircraft: Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics  
Instructors: Tony Johnstone, MCFI-A

## **Kentucky**

### **Lynn Aviation DVK** – Danville, KY

Phone: 859-583-3361  
E-mail: [jwlynnav@hotmail.com](mailto:jwlynnav@hotmail.com)  
Aircraft: Cessna 150C tailwheel  
Courses: Tailwheel endorsement, stall/spin recovery

## **Louisiana**

### **Multi-Aero Inc.** – Houma, LA

Phone: 985-851-1516  
E-mail: [darryl@dchristen.com](mailto:darryl@dchristen.com)  
Aircraft: Giles 202  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics  
Primary and Sportsman maneuvers. G-202 checkout.  
Customer-designed training.  
Instructors: Darryl K. Christen, CFI

## **Massachusetts**

### **Unusual Attitudes Aviation BAF** – Westfield, MA

Phone: 413-862-8049  
E-mail: [cipollit3@verizon.net](mailto:cipollit3@verizon.net)  
Aircraft: Decathlon. Owner-supplied aircraft including Decathlon, Pitts, Eagle, Extra, Yak, Staudacher  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout  
Unlimited competitor. FAA safety counselor for Wings seminars on aerobatics.  
Instructors: Bob Cipolli, CFI

### **Vet Air LLC BAF** – Westfield/Barnes, MA

Phone: 860-841-9659/860-763-0847  
E-mail: [ccohen7@cox.net](mailto:ccohen7@cox.net)  
Aircraft: Extra 300L, Super Decathlon, student-owned aircraft.  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics  
Instructors have extensive competition experience.  
Instructors: Chuck Cohen, CFI  
Bob Cipolli, CFI

### **East Coast Aero Club BED** – Bedford, MA

Phone: 781-274-6322  
E-mail: [ecacbed@yahoo.com](mailto:ecacbed@yahoo.com)  
Web: [www.eastcoastaeroclub.com](http://www.eastcoastaeroclub.com)  
Aircraft: 2012 Super Decathlon  
We can also check you out in your aircraft such as the Extra and Stearman.

### **Executive Flyers Aviation KLWM** – North Andover, MA

Phone: 781-274-7227  
E-mail: [efarob@gmail.com](mailto:efarob@gmail.com)  
Web: [www.executiveflyers.com](http://www.executiveflyers.com)  
Aircraft: 8KCAB Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, RV aerobatics  
Primary through Advanced training. Critiquing. Coaching. All instructors have competition experience. Formation training program. Checkouts in owner's aircraft. Customized upset recovery training course built to fit your needs.  
Instructors: Mike Goulian, CFI  
Matt Crane, CFI  
Tony Catanese, CFI

### **Flightlab PYM** – Plymouth, MA

Phone: 617-680-8581  
E-mail: [crawford.we@gmail.com](mailto:crawford.we@gmail.com)  
Web: [www.flightlab.net](http://www.flightlab.net)  
Aircraft: Zlin 242, Airwolf M-26, Marchetti SF260  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics. Complete aerodynamics ground school available including spin dynamics for instructors.  
Instructors: Bill Crawford, CFI

## Maryland

**Dent-Air Ltd. ANP** – Annapolis, MD

Phone: 410-353-2622

E-mail: [wbfinafinagin@cs.com](mailto:wbfinafinagin@cs.com)

Aircraft: Pitts S-2C

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout. Customer-designed training.

Instructors: Bill Finagin, MCFI-A

**Kraemer Aviation Services KFDK** – Germantown, MD

Phone: 301-520-2109

E-mail: [hkraemer@earthlink.net](mailto:hkraemer@earthlink.net)

Web: [www.flymall.org](http://www.flymall.org)

Aircraft: Customer-owned aircraft

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics. Beginning aerobatics.

Instructors: Harry Kraemer, MCFI

**Flying Lemur Inc. VKX** – Fort Washington, MD

Phone: 703-623-9445

E-mail: [N\\_A\\_spin@yahoo.com](mailto:N_A_spin@yahoo.com)

Web: [www.dcaerobatics.com](http://www.dcaerobatics.com)

Aircraft: Super Decathlon

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics.

Instructors: Adam Cope, CFI

**Aerosport Limited Woo** – Bowie, MD

Phone: 301-346-8141

E-mail: [jga1357@gmail.com](mailto:jga1357@gmail.com)

Web: [www.aerosportlimited.com](http://www.aerosportlimited.com)

Aircraft: 2004 American Champion GCBC

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

Instructors: Joe Gauvreau, CFI

## Minnesota

**Sport Aerobatics KCFE** – Buffalo, MN

Phone: 612-812-3873

E-mail: [akrosmith@aol.com](mailto:akrosmith@aol.com)

Web: [www.westmetroaviation.com](http://www.westmetroaviation.com)

Aircraft: Pitts S-2C, 152 Aerobat

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout Primary through Advanced aerobatics. Customer-designed course.

Instructors: Michael Wiskus

## Missouri

**Aerobic Adventures 1Ho** – Creve Coeur, MO

Phone: 314-518-8542

E-mail: [johnhousley@aerobatic-adventures.com](mailto:johnhousley@aerobatic-adventures.com)

Web: [www.aerobatic-adventures.com](http://www.aerobatic-adventures.com)

Aircraft: Pitts S-2B

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics

Instructors: John Housley, CFI

**Bruce Ballew 1Ho** – St. Louis, MO

Phone: 314-369-3723 E-mail: [bruceballew@earthlink.net](mailto:bruceballew@earthlink.net)

Aircraft: Pitts S-2B

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout

Instructors: Bruce Ballew, CFI

**Great Planes Aerobatics 3GV** – Grain Valley, MO

Phone: 816-373-8675

E-mail: [Greatplanes@comcast.net](mailto:Greatplanes@comcast.net)

Aircraft: Pitts S-2A

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout. Primary through Unlimited aerobatics. Ground critique.

Instructors: John Morrissey, CFI

Matt Morrissey

Linda Morrissey

## Montana

**Mountain Airdance LLC HLN** – Helena, MT

Phone: 406-459-9408

E-mail: [jemacpherson@msn.com](mailto:jemacpherson@msn.com)

Web: [www.mountainairdancellc.com](http://www.mountainairdancellc.com)

Aircraft: Super Decathlon

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics Rich Stowell's EMT course for upset recovery; stall/spins and introduction to aerobatics.

Instructors: Jeanne MacPherson, MCFI-A

**Paragon Air Adventures LLC KBZN** – Belgrade/Bozeman, MT

Phone: 406-388-4158

E-mail: [takeoff@ParagonAir.com](mailto:takeoff@ParagonAir.com)

Web: [www.ParagonAir.com](http://www.ParagonAir.com)

Aircraft: Instruction in owner's aircraft. Experienced in Micco SP26A, Extra 330LT, Super Decathlon, Zlin 242, Great Lakes.

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics Rich Stowell's EMT course. Rich Stowell's EMT syllabus for upset recovery, stall/spins, and introduction to aerobatics. Also specialize in customized courses to fit client's needs crafted from 35 years of general aviation flying.

Instructors: Thomas J. Nagorski, CFI-A

## North Carolina

**Acro Dynamics LLC 14A** – Mooresville, NC

Phone: 336-244-9592

E-mail: [acrodynamics@yahoo.com](mailto:acrodynamics@yahoo.com)

Web: [www.acrodynamics.org](http://www.acrodynamics.org)

Aircraft: 1978 8KCAB Bellanca Decathlon CS

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics

Instructors: Mikey Matthews, CFI

## **VOLARE Inc. KHYK - Hickory, NC**

Phone: 828-302-3853  
E-mail: [wpontel@gmail.com](mailto:wpontel@gmail.com)  
Web: [www.volareinc.com](http://www.volareinc.com)  
Aircraft: Cessna A150L  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics  
CFI spin endorsement  
Instructors: Williams Pontel, CFI

## **North Dakota**

### **University of North Dakota at Grand Forks GFK -**

Grand Forks, ND

Phone: 701-777-7855  
E-mail: [ggilmer@aero.und.edu](mailto:ggilmer@aero.und.edu)  
Web: [www.aero.und.edu](http://www.aero.und.edu)  
Aircraft: American Champion Super Decathlon (2)  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics  
Must be a full- or part-time University of North Dakota student to enroll.

## **New Hampshire**

### **Keystone Aerosports KASH - Nashua, NH**

Phone: 601-297-1138  
E-mail: [keystoneacro@yahoo.com](mailto:keystoneacro@yahoo.com)  
Web: [www.keystoneaerosports.com](http://www.keystoneaerosports.com)  
Aircraft: Owner-supplied  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics  
Instructors: Stephen Fiegel, CFI

## **New Jersey**

### **First Aero Group KVAY - Lumberton, NJ**

Phone: 856-313-2065  
E-mail: [Firstaerogroup@gmail.com](mailto:Firstaerogroup@gmail.com)  
Web: [www.Firstaerogroup.com](http://www.Firstaerogroup.com)  
Aircraft: Super Decathlon (2004)  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics  
Instructors: Jim Mancini, CFI

## **New Mexico**

### **Blackhawk Aviation/Blue Feather Aero 5T6 -**

Dona Ana, NM  
Phone: 816-529-0358  
E-mail: [dawsonuh60@yahoo.com](mailto:dawsonuh60@yahoo.com)  
Web: [www.samdawsoncfi.com](http://www.samdawsoncfi.com)  
Aircraft: 8KCAB Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics  
Instructors: Samuel Dawson, CFI

## **Nevada**

### **Monarch Sky KHND - Henderson, NV**

Phone: 702-631-0386  
E-mail: [info@monarchsksky.com](mailto:info@monarchsksky.com)  
Web: [www.monarchsksky.com](http://www.monarchsksky.com)  
Aircraft: 7KCAB Citabria, Extra 330LC  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, FAA 141 flight school/flight club  
Instructors: Brad James, CFI  
Ron Preston, CFI  
Christina Field, CFI

### **Aerobatic Company & Flight School Inc. RTS - Reno, NV**

Phone: 775-329-3366  
E-mail: [tim@aerobaticcompany.com](mailto:tim@aerobaticcompany.com)  
Web: [www.aerobaticcompany.com](http://www.aerobaticcompany.com)  
Aircraft: Decathlon, Super Cub, Pitts S-2B  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Safety seminars. Customer-designed. Home of IAC Chapter 118. FAA-waivered box on airport. Tim is an IAC Nationals judge and a FAASTeam rep. Matt is an IAC regional judge.  
Instructors: Tim Brill, MCFI-A  
Jake Thomas Porta, CFI  
Matthew Brill, CFI  
Rich Stowell, MCFI-A  
Mike Johnson, CFI

## **New York**

### **Michael Mancuso Airshows HWV - Shirley, NY**

Phone: 631-965-8886  
E-mail: [mike.bellenir@mmairshows.com](mailto:mike.bellenir@mmairshows.com)  
Web: [www.mmairshows.com](http://www.mmairshows.com)  
Aircraft: Extra 300L, customer-owned aircraft  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Primary through Unlimited competition. Coaching. Critiquing. Warbird checkouts. Insurance checkouts.  
Instructors: Michael Bellenir, CFI  
Michael Mancuso, CFI

## **Ohio**

### **Skyline Aviation 38D - Salem, OH**

Phone: 330-332-4400  
E-mail: [salemairpark@yahoo.com](mailto:salemairpark@yahoo.com)  
Web: [www.salemairpark.com](http://www.salemairpark.com)  
Aircraft: Citabria 7ECA, Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics. Basic aerobatics. CFI spin endorsement. Parachutes supplied.  
Instructors: John Dye, CFI-A

**Stewarts Aircraft Service 401** – Waynesville, OH  
Phone: 513-897-7717  
E-mail: [taildragger@go-concepts.com](mailto:taildragger@go-concepts.com)  
Web: [www.stewartsaircraft.net](http://www.stewartsaircraft.net)  
Aircraft: Citabria, J-3 Cub (2), 7-AC Champ, Pitts S-2A  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout.  
Instructors: Emerson Stewart, III, CFI  
Gordon K. Penner, MCFI-A  
Brett Hunter, CFI  
Joe Smith, CFI  
Dave Buchanan, CFI  
Mike Stewart, CFI

## Oklahoma

**Happy Aerobatics LLC HSD** – Yukon, OK  
Phone: 405-620-3998  
E-mail: [Kelly151PS@aol.com](mailto:Kelly151PS@aol.com)  
Web: [www.HappyAerobatics.com](http://www.HappyAerobatics.com)  
Aircraft: Pitts S-2B  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
CFI spin sign-off. Ten-hour intro to aerobatics.  
Instructors: Kelly Pietrowicz, CFI

## Oregon

**Hammerhead Aerobatics KUAO** – Aurora, OR  
Phone: 503-381-5564  
E-mail: [rennyprice@msn.com](mailto:rennyprice@msn.com)  
Web: [www.hammerheadaerobatics.com](http://www.hammerheadaerobatics.com)  
Aircraft: Su-29  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics. Intro to sport aerobatics—3 hours customized to customer's requirements.  
Instructors: Renny Price, CFI

## Pennsylvania

**Messersmith Aviation BVI** – Beaver Falls, PA  
Phone: 724-971-3242  
E-mail: [Airsick1@aol.com](mailto:Airsick1@aol.com)  
Aircraft: Owner-supplied  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics, glider aerobatics. Recreational through IAC competition training.

**Aero-Tech Services Inc, KLNS** – Lititz, PA  
Phone: 717-394-2675  
E-mail: [info@aerotechservices.com](mailto:info@aerotechservices.com)  
Web: <http://aerotechservices.com>  
Aircraft: Super Decathlon  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training

**Everett Flying Services KLOM** – Bluebell, PA  
Phone: 215-353-3208  
E-mail: [baeverett@comcast.net](mailto:baeverett@comcast.net)  
Aircraft: Pitts S-2B, Citabria  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Instructors: Bruce Everett, CFI

## Tennessee

**Keith Davis – Aerobatics FYM** – Fayetteville, TN  
Phone: 805-550-1928  
E-mail: [Keith@joecessna.com](mailto:Keith@joecessna.com)  
Web: [kdairshows.com](http://kdairshows.com)  
Aircraft: Pitts S-2B  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout

**Steve Johnson Aerobatics JWN** – Nashville, TN  
Phone: 615-557-2364  
E-mail: [gjunkier@aol.com](mailto:gjunkier@aol.com)  
Web: [www.stuntplane.com](http://www.stuntplane.com)  
Aircraft: We have an MX Aircraft MX2 on site, we can train in your aircraft: Decathlon, Pitts, RV, etc.  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics  
Instructors: Steve Johnson, CFI

**Sewanee Aerobic School UOS** – Sewanee, TN  
Phone: 931-636-8678  
E-mail: [catherine@aceaerobicschool.com](mailto:catherine@aceaerobicschool.com)  
Web: [www.aceaerobicschool.com](http://www.aceaerobicschool.com)  
Aircraft: Cessna Aerobat  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics  
Instructors: Catherine Cavagnaro, CFI

## Texas

**Blackhawk Aviation** – El Paso, TX  
Phone: 816-529-0358  
E-mail: [dawsonuh60@yahoo.com](mailto:dawsonuh60@yahoo.com)  
Web: [www.samdawsoncfi.com](http://www.samdawsoncfi.com)  
Aircraft: Citabria (KELP), Pitts S-2B (T27)  
Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics.  
Instructors: Samuel Dawson, CFI

**Stearman Adventures LLC** – Denton, TX  
Phone: 940-536-4663  
E-mail: [info@stearmanadventures.com](mailto:info@stearmanadventures.com)  
Aircraft: Super Decathlon, Stearman  
Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics  
Instructors: Blake Nutt, CFI  
David Fleming, CFI

**USA Aerobatics 5C1** – San Antonio, TX

Phone: 210-725-7251

E-mail: [jordan@usaerobatics.com](mailto:jordan@usaerobatics.com)Web: [usaerobatics.com](http://usaerobatics.com)

Aircraft: Pitts S-2B, J-3 Cub

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout

**Lone Star Flying Circus ADS** – Addison/Dallas, TX

Phone: 469-371-3179

E-mail: [info@lonestarflyingcircus.com](mailto:info@lonestarflyingcircus.com)Web: [www.LoneStarFlyingCircus.com](http://www.LoneStarFlyingCircus.com)

Aircraft: Bellanca Citabria 7KCAB

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

**Big Q Aviation JWY** – Midlothian, TX

Phone: 214-948-0440

E-mail: [wakerc1@aol.com](mailto:wakerc1@aol.com)Web: [www.BigQAviation.com](http://www.BigQAviation.com)

Aircraft: Great Lakes 2T-1A, Citabria 7GCBC, Grob 103 Acro

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, glider aerobatics

Instructors: Porkchop Pywowarczuk, CFI-A

Carol Walker, CFI-A

Pete Setian, CFI-A

**Four Winds Aviation Inc. T31** – Aero Country, TX

Phone: 469-766-3500

E-mail: [fourwindsflight@yahoo.com](mailto:fourwindsflight@yahoo.com)Web: [www.tail-wheel.com](http://www.tail-wheel.com)

Aircraft: Super Decathlon 8KCAB, Pitts S-2B and Pitts S-2A, Legend Cub Al3, Piper Archer

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics

CFI spin training. Customer-designed training. IAC competition prep and critique. IAC Chapter 24. Four (4) school instructor's hold low-level aerobatic waivers, one (1)

A.C.E. on staff.

Instructors: Dave Honaker, CFI

Charlie Jirikk, CFI, A.C.E.

Bill Pappas, CFI

Brad Hill, CFI

Russell Husbands, CFI

Adam Baker, CFI

Dean Behm, CFI

Clyde Kesling, CFI

**Harvey & Rihn Aviation Inc T41** – LaPorte, TX

Phone: 281-471-1675

E-mail: [info@harveyrihn.com](mailto:info@harveyrihn.com)Web: [www.harveyrihn.com](http://www.harveyrihn.com)

Aircraft: Super Decathlon, Extra 300L, Citabria

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout. Primary through Unlimited competition. Safety proficiency training. Situational awareness. Customer-designed training.

Instructors: Debby Rihn-Harvey, CFI

James Wanner, CFI

Randy Young, CFI

Chris Hennington, CFI

Rex Amyx, CFI

James Smolen, CFI

Klayton Kirkland, CFI-A

**Utah****OK3 AIR 36U** – Heber City, UT

Phone: 435-654-3962

E-mail: [nabuhaidar@ok3air.com](mailto:nabuhaidar@ok3air.com)Web: [www.ok3air.com](http://www.ok3air.com)

Aircraft: Extra 300L

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics

**Virginia****Aero Enterprises GVE** – Gordonsville, VA

Phone: 540-850-0984

E-mail: [dan@flyacro.us](mailto:dan@flyacro.us)Web: [flyacro.us](http://flyacro.us)

Aircraft: Bellanca Decathlon

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

Instructors: Dan Rogers, CFI

**Atlantic Airways JYO** – Leesburg, VA

Phone: 703-779-8787

E-mail: [shutchens@atlantic-airways.com](mailto:shutchens@atlantic-airways.com)Web: [www.atlantic-airways.com](http://www.atlantic-airways.com)

Aircraft: Super Decathlon

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

**Aviators Unlimited LLC KVJI** – Abingdon, VA

Phone: 276-614-0412

E-mail: [Johnny@aviatorsunlimited.us](mailto:Johnny@aviatorsunlimited.us)Web: [www.aviatorsunlimited.us](http://www.aviatorsunlimited.us)

Aircraft: Pitts S-2B, American Champion Decathlon, Piper Cub

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics, Pitts checkout, RV aerobatics

All types of spins and Unlimited aerobatics.

Instructors: Johnny White, MCFI

## **Washington**

**BruceAir LLC BFI** – Seattle, WA

Phone: 206-283-2937

E-mail: [brucew@bruceair.com](mailto:brucew@bruceair.com)

Web: [www.bruceair.com](http://www.bruceair.com)

Aircraft: Extra 300L

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, RV aerobatics

Training in Extra 300L available May–September in Seattle.

Instructors: Bruce Williams, CFI

**West Coast Spin Doctors CLM** – Sequim, WA

Phone: 206-369-9924

E-mail: [roundmotor@gmail.com](mailto:roundmotor@gmail.com)

Web: [www.westcoastspindctors.com](http://www.westcoastspindctors.com)

Aircraft: 450 Stearman, 7KCAB

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics

Instructors: Michael Mason, CFI

**FlipSide Aerobatics KRNT** – Renton, WA

Phone: 425-785-9922

E-mail: [will@flipsideaerobatics.com](mailto:will@flipsideaerobatics.com)

Web: [www.flipsideaerobatics.com](http://www.flipsideaerobatics.com)

Aircraft: Pitts S-2B

Courses: Stall/spin recovery, unusual attitude/upset training, recreational aerobatics, competition aerobatics. Based at RNT May–September, Tucson in winter.

Instructors: Will Allen, CFI

Rochelle Oslick, CFI

## **Wisconsin**

**Morey Airplane Company C29** – Middleton, WI

Phone: 608-836-1711

E-mail: [dmaier@moreyairport.com](mailto:dmaier@moreyairport.com)

Web: [www.moreyairport.com](http://www.moreyairport.com)

Aircraft: Cessna 152 Aerobat

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training.

**Inverted Horizons Inc. KENW** – Kenosha, WI

Phone: 773-447-0786

E-mail: [Mvaknin1@comcast.net](mailto:Mvaknin1@comcast.net)

Aircraft: Extra 300L

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics.

Instructors: Michael Vaknin, CFI

**Global Flight Research KSUE** – Sturgeon Bay, WI

Phone: 920-664-1463

E-mail: [skyharbourfarm@aol.com](mailto:skyharbourfarm@aol.com)

Web: [www.globalflightresearch.com](http://www.globalflightresearch.com)

Aircraft: 7KCAB, Beechcraft 33C Bonanza

Courses: Tailwheel endorsement, stall/spin recovery, unusual attitude/upset training, recreational aerobatics.

Instructors: Rob Vuksanovic, CFI

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**Citabria**

*Owned and operated by Debbie Rihn-Harvey*

## **DOUG SOWDER**

**COMMENTARY / IAC PRESIDENT, IAC 14590**

continued from page 3

is its chapters. If you're a chapter officer or contest director, put in some effort to encourage your members and new members to attend chapter functions. There are too many things for people to do these days, but our IAC and chapter functions are the most important! Be sure to contact IAC Headquarters and get your contests and other functions listed. If you have changes in chapter leadership, contact Trish Deimer-Steineke at IAC Headquarters and let her know. Contact your regional representatives on the board when you have questions or suggestions, or contact your IAC president, who for the time being is...me! See the Yellow Pages on IAC.org at About / Leadership / Yellow Pages for contact information.

Members and prospective members should check out the new and constantly improving IAC.org website for information on how to join, where to find a chapter, and all sorts of IAC news. Right now, for example, there is an informative news article about the second annual IAC Open East and West Championships, coming up soon. Take a look!

IAC



BETH STANTON

COLUMNS / BRILLIANCE AND BUFFOONERY

## 90 Percent Mental, 10 Percent in Your Head

**"Oh, I'm scared all the time! I just act as if I'm not."**

—Katharine Hepburn

We joke that whitewater kayaking is 90 percent mental and the other 10 percent is in your head. I am finding this true in competition aerobatics as well. Once you have mastered relative competency in flying your sequence, it totally becomes a head game.

I have been onstage since the age of 5. The majority of my life has involved music, dance, and the-

ater. I am no stranger to stage fright. I have never not been scared before going on stage. For that matter, I have never not been scared kayaking. Oddly enough, I have never been scared flying. I have been afraid of screwing something up, like a landing or a competition sequence, but I have no fear of actually flying.

On the morning of my first

contest, a sensation of cold fear began to grip me. Familiar with this phenomenon, I took deep breaths and tried to ignore it. This did not work. During the briefing, a feeling of numb detachment blossomed. As the hustle of pilots, planes, and gear commenced, I was drowning in a cresting river of panic.

I knew I must get my head in order or I would not be able to function. I needed to call upon my mad yoga ninja mind control skills. PRONTO.

I did not look up and watch the first contestants flying in the box. I beat a retreat to the FBO, put music in my earphones, went to a quiet room, and closed my eyes. I became inwardly focused. I visualized. I breathed. I stretched, relaxed, and concentrated on being absolutely present in the moment.

By go time, I had calmed down. I had decided to pretend that this was just a practice flight. No one was watching me. I was not being judged. This was just for fun. I would strap on the plane and go fly me some loop de loops like I had dozens of times before. Just for the sheer joy and exhilaration of it. I felt a little nervous excitement, but in a good way, like I always do when I fly. This strategy worked. I won the contest.

The best way to achieve something is to help someone else achieve the same thing. The second morning of the contest, I recognized fear on the face of a fellow



pilot. I sat down to chat with him. He was so nervous; he looked like he was going to throw up. Performing in front of peers and being judged can kick our fight-or-flight response into high gear. Looking stupid or failing publicly feels downright excruciating and can be paralyzing. But once you figure out that mistakes are how we learn and everyone makes them, it takes the pressure off.

I have come to realize that lightening up and getting ego out of the equation is a huge relief. You can relax and enjoy the contest. You can laugh at the buffoonery and revel in the brilliance of both your and everyone else's flying. I take solace in Wayne Handley's observation: "An original way to screw up a contest has yet to be invented."

To fly in a competition is ridiculously demanding, physically as well as mentally. I'll admit, sometimes I wonder, "What the hell

am I doing?" I still get little stabs of fear, but now I know how to manage them. That thrill of elation when you absolutely nail a figure makes all those hours of practice, all that avgas burned, so totally worth it. **IAC**



**Editor's Note:** I'd like to welcome Beth Stanton as a semi-regular contributor to *Sport Aerobatics* over the coming months under the department of "Brilliance and Buffoonery." Beth is president of her IAC Chapter 38.

**IAC**  
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A large advertisement for the International Aerobatic Club (IAC). It features a red Pitts biplane performing a roll maneuver against a dark background. The IAC logo is prominently displayed in the upper right. Below the logo, the words "ROLL WITH US!" are written in large, bold, red letters. At the bottom, there is a call to action to visit the website or call the toll-free number.

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*...I had to dead stick my Pitts in and an old timer said "Nice save. Someone taught you well." Yes they did! Thanks, Budd. -Craig H.*

*My insurance company covered me, a low-time, low-tailwheel-time pilot in a single-hole Pitts largely because I went to Budd for my training. -Tom P*

*... the engine failed at low altitude and the accident investigators said that my fundamentals saved me. Thanks my friend. -Maynard H.*

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# Aerobatics and Upset Prevention and Recovery Training

What are the differences and what changes are coming?

by Randy Brooks, MCFI-A  
*randall.brooks@apstraining.com*

While those of us who fly aerobatics recreationally or competitively already understand the benefits of the improved manual handling skills and increased aerodynamic understanding that can be obtained from all-attitude flying, the rest of the world is catching up to that realization.

In August of this year a new FAA regulation goes into effect (FAR 61.156) that requires both academic and simulator training in upset prevention and recovery training (UPRT). While we all understand the limitations of a simulator in delivering this type of training, in November of this year the International Civil Aviation Organization (ICAO) will be going much further with its recommendation that all pilots receive UPRT "in actual flight," as it states, prior to receiving a com-

mercial pilot certificate.

Both of these changes are a result of the increasing awareness that loss of control in-flight (LOC-I) is the leading cause of fatalities in both general aviation and for worldwide commercial airlines. While the changes described above are already set to occur, some of the details regarding the specifics of training, instructor qualification, and aircraft capabilities are currently undefined.

What is becoming widely accepted is that there are some aspects of training with regard to human factors and the aerodynamics of aircraft control that can only be delivered through the use of an all-attitude/all-envelope capable airplane. There is also a growing consensus regarding the differences between aerobatics and UPRT.

While both aerobatics and UPRT involve all-attitude flight, and in some cases similar maneuvering, the objectives are very much different. Aerobatics involves precision maneuvering to achieve a known outcome, which in competition has judged standards. UPRT, on the other hand, involves nonprecision maneuvering used to prevent or recover from an unexpected condition.

Here are two examples. In aerobatics the aileron roll may be introduced as a maneuver in its own right, or as a first step toward learning to perform a slow roll and later maneuvers such as hesitation rolls or compound maneuvers such as the half-Cuban, Immelmann, or split-S. In UPRT the same maneuver can be used to demonstrate how the nose of the aircraft will drop while in light-g (ballistic)



The Mid-Continent electronic flight instrument system (EFIS) attitude indicator allows for the development of upset recovery skills by instrument reference in this APS Extra 300L.

rolling flight, how the airplane can be rolled in a low-g condition, and what the world looks like through 360 degrees of roll. An overbanked airplane upset will involve aspects of the aileron roll in recovery.

Similarly, in aerobatics a loop is credited by judges based on how round it is, among other factors. For the UPRT pilot in training, the importance is in learning where to look to orient ourselves in extreme pitch attitudes, an appreciation of what various g-loadings feel like, and the ability to manage those g-loads and orientation through 360 degrees of pitch.

Academics play a pivotal role in UPRT by providing a background understanding of aerodynamic principles, which allows for a quicker determination of the many changing factors that must be rapidly accounted for in an unanticipated airplane upset event.

By regulation, aerobatics must be completed in visual meteoro-

logical conditions (VMC). Airplane upsets are at least as likely to be encountered in instrument meteorological conditions (IMC), so comprehensive UPRT should practice recovery using instrument references with the use of a view-limiting device.

When integrated with on-aircraft training, the simulator can be a powerful tool to show that many of the skills learned in an aerobatic-capable airplane can be transferred to the multicrew, multiengine environment inhabited by most professional pilots. This integrated methodology of using airplane and simulator training assets in the delivery of UPRT is what ICAO advocates in its new Manual on Aeroplane Upset Prevention and Recovery Training (ICAO document 10011). As the introduction to the manual states, "Reducing the number of LOC-I accidents is an ICAO priority, and ICAO has developed harmonized training require-

ments for flight crews that address and mitigate LOC-I events." This integrated use of airplanes and simulation uses the best features of each training platform to compensate for the limitations of the other.

What does this mean for the sport of aerobatics? At some point in the future when ICAO recommendations are acted upon, pilots will be required to have some all-attitude/all-envelope training (UPRT) prior to receiving a commercial pilot certificate. This will vastly increase the number of pilots exposed to aerobatic flight, if only to a limited degree. Certainly some of those will enjoy the experience and join the ranks of recreational and competition aerobatics. Regardless of how pilots in training enjoy the experience, they will definitely come away with a better understanding of the challenges of three-dimensional maneuvering flight and the discipline and skill that comes from its practice. **IAC**



Randy Brooks is a National Association of Flight Instructors Master Instructor-Aerobatic. He has been a corporate pilot, air show pilot, and director of operations for the Red Baron Squadron, and he taught upset recovery for Eclipse Aviation for three years in the L-39. He is currently the vice president of training and business development for Aviation Performance Solutions (APS), and he manages flight operations for APS Texas at the Arlington Municipal Airport in the DFW area. Mr. Brooks is the president of the Upset Prevention and Recovery Training Association (UPRTA) and was a contributor in drafting the ICAO Manual on Aeroplane Upset Prevention and Recovery.

Boeing Commercial Airplanes, Statistical Summary of Commercial Jet Airplane Accidents – Worldwide Operations 1959–2012, The Boeing Company, August 2013.



*Mark your calendars for these upcoming contests. For a complete list of contests and for the most up-to-date contest calendar, visit [www.IAC.org](http://www.IAC.org). If your chapter is hosting a contest, be sure to let the world know by posting your event on the IAC website.*

### **Midwest Collegiate Challenge**

**Friday, April 25 – Sunday, April 27, 2014**

**Practice/Registration:** Friday, April 25

**Power Categories:** Primary Sportsman

**Location:** Seward Municipal (SWT), Seward, NE

**Region:** Mid-America

**Contest Director:** Ed Bowes

**Contact Information:** 402-730-3396

**E-Mail:** [edbowes@windstream.net](mailto:edbowes@windstream.net)

### **Duel In The Desert**

**Friday, May 2 – Saturday, May 3, 2014**

**Glider Categories:** Sportsman through Unlimited

**Power:** Primary through Unlimited

**Location:** Apple Valley Airport (APV): Apple Valley, CA

**Region:** Southwest

**Contest Director:** Chris Olmsted

**Contact Information:** 831-334-7232

**E-Mail:** [chris@olmstedaviation.com](mailto:chris@olmstedaviation.com)

### **Ben Lowell Aerial Confrontation**

**Friday, May 23 – Sunday, May 25, 2014**

**Practice/Registration:** Friday, May 23

**Power:** Primary through Unlimited

**Location:** Sterling Municipal Airport (STK), Sterling, CO

**Region:** Mid-America

**Contest Director:** DJ Molny

**Contact Information:** 303-619-4814

**E-Mail:** [djmolny@gmail.com](mailto:djmolny@gmail.com)

**Website:** [www.iac12.org](http://www.iac12.org)

### **Best Box in Texas**

**Friday, May 30 – Sunday, June 1, 2014**

**Practice/Regist:** Saturday, May 24–Thursday, May 29

**Rain/Weather:** Sunday, June 1

**Power:** Primary through Unlimited

**Location:** Jackson County (26R), Edna, TX

**Region:** South Central

**Contest Director:** Gary Walker

**Contact Information:** 832-656-8314

**E-Mail:** [gawwalker@aol.com](mailto:gawwalker@aol.com)

### **Wildwoods AcroBlast**

**Friday, May 30 – Sunday, June 1, 2014**

**Practice/Registration:** Friday, May 30

**Power:** Primary through Unlimited

**Location:** Cape May County (WWD) Lower Township, NJ

**Region:** Northeast

**Contest Director:** Dave Crescenzo

**Contact Information:** 609-517-0922

**E-Mail:** [dmolar@comcast.net](mailto:dmolar@comcast.net)

**Website:** [www.iac58.org](http://www.iac58.org)

### **Coalinga Western Showdown**

**Friday, May 30 – Saturday, May 31, 2014**

**Practice/Registration:** Thursday, May 29

**Power:** Primary through Unlimited

**Location:** New Coalinga Municipal Airport (C80):

Coalinga, CA

**Region:** Southwest

**Contest Director:** Martin Price, Tom Myers

**Contact Information:** 510-579-3407

**E-Mail:** [martin@pull.gs](mailto:martin@pull.gs)

**Website:** <http://www.iac38.org>

### **IAC Open East Championship - Ohio Aerobatic Open 2014**

**Friday, June 13 – Sunday, June 15, 2014**

**Practice/Registration:** Thursday, June 12

**Rain/Weather:** Sunday, June 15

**Power:** Primary through Unlimited

**Location:** Bellefontaine Regional Airport (EDJ),

Bellefontaine, OH

**Region:** Mid-America

**Contest Director:** Chris Keegan

**Contact Information:** 614-890-9711

**E-Mail:** [sdavis\\_1985@yahoo.com](mailto:sdavis_1985@yahoo.com)

**Website:** [iac34.com](http://iac34.com)

### **Lone Star Aerobatic Championships**

**Friday, June 20 – Sunday, June 22, 2014**

**Practice/Registration:** Thursday, June 19 – Friday, June 20

**Power:** Primary through Unlimited

**Location:** North Texas Regional (GYI ): Sherman, TX

**Region:** Mid-America

**Contest Director:** Kathleen Kyer

**Contact Information:** 972-365-8767

**Alternate Phone:** 903-378-7827

**E-Mail:** [Kateflies8@aol.com](mailto:Kateflies8@aol.com)

## **Midwest Aerobatic Championship**

**Friday, June 20 – Sunday, June 22, 2014**

**Practice/Registration:** Friday, June 20

**Power:** Primary through Unlimited

**Location:** Seward Municipal (SWT), Seward, NE

**Region:** Mid-America

**Contest Director:** David Moll

**Contact Information:** 402-613-5422

**E-Mail:** [davidmoll66@gmail.com](mailto:davidmoll66@gmail.com)

## **Apple Cup (Northwest)**

**Friday, June 27 – Saturday, June 28, 2014**

**Practice/Registration:** Wednesday, June 25 – Thursday, June 26

**Power:** Primary through Unlimited

**Location:** Ephrata Municipal Airport (EPH): Ephrata, WA

**Region:** Northwest

**Contest Director:** Jerry Riedinger and Larry James

**Contact Information:** 425-985-9469

**E-Mail:** [JRiedinger@perkinscoie.com](mailto:JRiedinger@perkinscoie.com)

**Website:** [www.applecup.org](http://www.applecup.org)

## **Michigan Aerobatic Open**

**Saturday, June 28 – Sunday, June 29, 2014**

**Practice/Registration:** Friday, June 27

**Power:** Primary through Unlimited

**Location:** Jackson County Airport–Reynolds Field (JXN), Jackson, MI

**Region:** Mid-America

**Contest Director:** Brian Roodvoets

**Contact Information:** 810-667-0642

**E-Mail:** [redfoot@usol.com](mailto:redfoot@usol.com)

**Website:** [iac88.eachapter.org](http://iac88.eachapter.org)

## **Green Mountain Aerobatics Contest (GMAC)**

**Friday, July 11 – Sunday, July 13, 2014**

**Practice/Registration:** Thursday, July 10 – Friday, July 11

**Glider Categories:** Sportsman through Unlimited

**Power:** Primary through Unlimited

**Location:** Springfield Hartness Airport (VSF), Springfield VT

**Region:** Northeast

**Contest Director:** Bill Gordon

**Contact Information:** 802-585-0366

**E-Mail:** [wsgordon@earthlink.net](mailto:wsgordon@earthlink.net)

## **Doug Yost Challenge**

**Saturday, July 19 – Sunday, July 20, 2014**

**Practice/Registration:** Thursday, July 17 – Friday, July 18

**Power:** Primary through Unlimited

**Location:** Spencer Muni (SPW), Spencer, Iowa

**Region:** Mid-America

**Contest Director:** Dan Pichelman

**Contact Information:** 612-386-0352

**E-Mail:** [dan.pichelman@swivity.com](mailto:dan.pichelman@swivity.com)

## **CanAm Challenge**

**Friday, July 25 – Saturday, July 26, 2014**

**Practice/Registration:** Thursday, July 24

**Power:** Primary through Unlimited

**Location:** Cut Bank International (CTB), Cut Bank, MT

**Region:** Northwest

**Contest Director:** Christopher Branson

**Contact Information:** 503-501-1496

**E-Mail:** [flyhran@aol.com](mailto:flyhran@aol.com)

## **Hoosier Hoedown**

**Saturday, August 9 – Sunday, August 10, 2014**

**Practice/Registration:** Friday, August 8

**Power:** Primary through Unlimited

**Location:** Kokomko Municipal Airport (OKK): Kokomo, IN

**Region:** Mid-America

**Contest Director:** Mike Wild

**Contact Information:** 765-860-3231

**E-Mail:** [mike.wild@hotmail.com](mailto:mike.wild@hotmail.com)

**Website:** [www.hoosierhammerheads.com](http://www.hoosierhammerheads.com)

## **Beaver State Regional**

**Friday, August 15 – Saturday, August 16, 2014**

**Practice/Registration:** Thursday, August 14

**Power:** Primary through Unlimited

**Location:** Eastern Oregon Regional (PDT), Pendleton, OR

**Region:** Northwest

**Contest Director:** Christopher Branson

**Contact Information:** 503-803-7167

**E-Mail:** [christopher.branson@comcast.net](mailto:christopher.branson@comcast.net)

## **2014 Oshkosh Air Maneuvers Challenge**

**Friday, August 22 – Sunday, August 24, 2014**

**Practice/Registration:** Thursday, August 21 – Friday, August 22

**Power:** Primary through Unlimited

**Location:** Wittman Regional Airport (OSH), Oshkosh, WI

**Region:** Mid-America

**Contest Director:** Audra Hoy

**Contact Information:** 920-203-9000

**E-Mail:** [audra\\_hoy@yahoo.com](mailto:audra_hoy@yahoo.com)

**Website:** [www.iacchapter1.org](http://www.iacchapter1.org)

## **AC Open West - 40th Annual Happiness Is Delano Contest**

**Saturday, August 30 – Sunday, August 31, 2014**

**Practice/Registration:** Friday, August 29

**Power:** Primary through Unlimited

**Location:** Delano Municipal Airport (DLO): Delano, Ca

**Region:** Southwest

**Contest Director:** Steve De La Cruz

**Contact Information:** 760 963 6426

**E-Mail:** [DelanoCD@iacchapter26.org](mailto:DelanoCD@iacchapter26.org)

**Website:** [www.IACChapter26.org](http://www.IACChapter26.org)

## **U.S./Canada Aerobatic Challenge**

**Saturday, September 6 – Sunday, September 7, 2014**

**Practice/Regist:** Thursday, September 4 – Friday, September 5

**Rain/Weather:** Monday, September 8 – Tuesday, September 9

**Power:** Primary through Unlimited

**Location:** Olean Municipal Airport (ole), Olean, NY

**Region:** Northeast

**Contest Director:** Pat Barrett

**Contact Information:** 716-361-7888

**E-Mail:** cbpbmb@aol.com

**Website:** IAC126.blogspot.com

## **Harold Neumann Barnstormer**

**Saturday, September 6 – Sunday, September 7,**

**2014**

**Practice/Registration:** Friday, September 5

**Power:** Primary through Unlimited

**Location:** New Century AirCenter (IXD): Olathe, KS

**Region:** South Central

**Contest Director:** Greg Shetterly

**Contact Information:** 913-486-8498

**E-Mail:** Halfreversecuban8@gmail.com

**Website:** www.iac15.org

## **The Bill Thomas U.S./Canada Aerobatic Challenge**

**Saturday, September 6 – Sunday, September 7, 2014**

**Practice/Registration:** Thursday, September 4 – Friday, September 5

**Rain/Weather:** Monday, September 8 – Tuesday, September 9

**Power:** Primary through Unlimited

**Location:** Olean Municipal Airport (ole): Olean, New York

**Region:** Northeast

**Contest Director:** Pat Barrett

**Contact Information:** 716-361-7888

**E-Mail:** cbpbmb@aol.com

**Website:** IAC126.blogspot.com

## **Salem Regional Aerobic Contest**

**Saturday, September 13 – Sunday, September 14, 2014**

**Practice/Registration:** Friday, September 12

**Power:** Primary through Unlimited

**Location:** Salem-Leckrone Airport (KSL0): Salem, IL

**Region:** Mid-America

**Contest Director:** Bruce Ballew

**Contact Information:** 314-369-3723

**E-Mail:** bruceballew@earthlink.net

## **Rocky Mountain “OYSTER” Invitational Aerobic Contest**

**Saturday, September 13 – Sunday, September 14, 2014**

**Practice/Registration:** Friday, September 12

**Glider Categories:** Sportsman through Unlimited

**Power:** Primary through Unlimited

**Location:** Lamar Municipal Airport (KLAA), Lamar, CO

**Region:** South Central

**Contest Director:** Jamie S. Treat

**Contact Information:** 303-304-7937

**E-Mail:** jamietreat@q.com

**Website:** www.iac5.org

## **2014 US National Aerobatic Championships**

**Sunday, September 21 – Friday, September 26, 2014**

**Practice/Registration:** Saturday, September 20

**Rain/Weather:** Saturday, September 27

**Glider Categories:** Sportsman through Unlimited

**Power:** Primary through Unlimited

**Location:** North Texas Regional Airport (KGYI), Sherman, TX

**Region:** South Central

**Contest Director:** Matt Tanner

**Contact Information:** 719-359-6381

**E-Mail:** mtaviation@gmail.com

**Website:** http://nationals.iac.org/



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