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From

THE HOME OFFICE

Safeguarding the Future of our Industry

By John Cudahy



JOHN CUDAHY

President/CEO

Two years ago, the leadership of ICAS and the ICAS Foundation decided to increase their level of cooperation to serve the larger needs of the air show community. The two organizations signed a strategic alliance agreement. The Foundation made some important changes to its bylaws to bring them into closer alignment with the ICAS bylaws. The Foundation has assumed a much more visible role in the annual ICAS Convention. And the two boards have been communicating more frequently with one another.

The changes that have occurred so far have been largely administrative and organizational...an effort to reposition ICAS and the Foundation to do things together for the industry that they never could have done on their own.

Why the change?

Air shows, performers and support service providers are typically focused on the day-to-day tasks required to run their businesses successfully: selling tickets, booking shows, pitching sponsors, practicing, finding new customers, planning for the next event. Long-term planning is something that is squeezed in between the immediacy of pressing priorities, if at all. And the long-term challenges facing the entire industry are not something

on which most ICAS members are able to focus or spend time.

More than a half century ago, ICAS emerged as a tool to help the air show community look beyond the immediacy of this week, this month, this quarter. Initially, the group focused on insurance, air show scheduling issues and making sure that the U.S. Department of Defense continued paying for the fuel used by military aircraft at air shows.

It wasn't long before much of the energy of ICAS and its leadership was focused on the annual convention which became an important tool for learning, networking and planning for the upcoming air show season. For more than 25 years, the event was the principal focus of the organization and an enormously helpful tool to generations of air show professionals.

But, eventually, ICAS evolved to meet other needs of the North American air show community...needs that could not be met by the convention.

For example: in the winter of 1991, facing a sharp and unsustainable spike in the number of air show fatalities during the preceding three years, ICAS assumed principal responsibility for administering the Aerobatic Competency Evaluation program.

Since then, the accident rate has decreased significantly and continues to drop under ICAS leadership.

Following the terrorist attacks of September 11, 2001, ICAS took the lead in coordinating with federal officials to once again schedule and conduct air shows.

In 2013, our business was brought to its knees by a dysfunctional federal government that barely noticed the unintended consequences that sequestration had on our air show community. ICAS took the lead in explaining the damage being done and the broader impact of an unhealthy air show community. Five years later, the North American air show industry has largely recovered from the deprivations and challenges of sequestration...in large part because of the work done by ICAS during the spring, summer and fall of 2013.

And just last year, ICAS took an aggressive position in advocating against a proposal to privatize the air traffic control system in the United States, a pet project of the airlines that would have had a devastating impact on our business. In close cooperation with a number of other general aviation organizations, ICAS fought for the interests of its members and won.

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most important program that ICAS offers, and it's now complemented by important work that the organization does on advocacy, communications, and education.

Increasingly, however, a number of long-term threats to our industry have emerged. And addressing those threats will require new tools.

We must attract a younger demographic to our industry, both as spectators and as air show professionals. We must work to make air shows relevant in both the communities where they are held and the larger aviation community. We must position our events to be at least as attractive to prospective spectators and corporate sponsors as the other events that compete for the time and money of our potential customers.

The ICAS and Foundation Boards of Directors have agreed that the two organizations can better respond to these 21st century threats by working together. While ICAS members continue to pay attention to the short term needs of their air show businesses and ICAS addresses problems and opportunities facing the entire industry during the short- and mid-term, ICAS and the Foundation will be building a new partnership that addresses the long-term threats and opportunities facing our air show community.

Where will the next generation of air show performers, event organizers and support service providers come from?

How can standards and best practices within the air show community be developed and institutionalized so that the entire industry becomes stronger, more professional and more sustainable?

How will we adjust the product we present to the public and the manner in which we present it to them so that our events continue to be attractive to new generations of prospective customers as Baby Boomers and Generation Xers stop attending air shows?

How can we make our events more relevant and important to the communities in which

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they are held?

How can air shows help the aviation community address the staggering requirements it will have for more pilots and maintainers during the next 20-30 years?

These are important and complicated questions with no easy answers. But, during the last two years, ICAS and the Foundation have remade their relationship for the purpose of tackling these big,

existential challenges. The two organizations now stand ready to begin the process of finding answers even as they continue to provide the programs and services you have come to expect from both.

As we begin this new chapter in the evolution of ICAS and the ICAS Foundation, I hope you will support the work that they are doing and contribute to our collective effort to ensure the long-term health and sustainability of our air show business. ✈️



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ON THE COVER

Professional photographer Pierre-Etienne Langenfeld captured this image of Nathan Hammond in his De Havilland Chipmunk during a night show at the 2018 EAA AirVenture in Oshkosh, Wisconsin.

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Responding to the daunting demographic challenge facing the air show community will require the industry to look differently at the problems and opportunities facing the business and embracing new ideas and tactics for addressing them.

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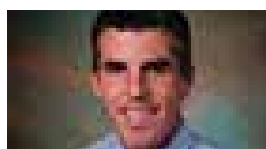
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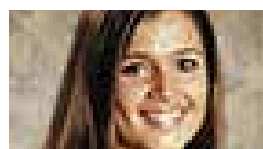
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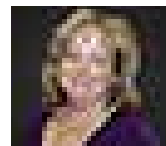
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The Road Less Traveled

By Dan Hollowell



DAN HOLLOWELL

Vice President,
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If you are a regular reader of this column, you will know that I ran a marathon back in 2016. Ever since that race, I have maintained a steady routine of jogging on a weekly basis. I have averaged between 15 and 20 miles a week over the past two years.

I also have three young children, so – for my wife’s sake – I will often take the most boisterous of my children along with me in a stroller which invariably makes the run harder. A few weeks back, I was out for a run with my youngest when we passed a man walking his dog. I panted a

“...for every single thing we do, we must sacrifice something else. Throughout my career, I have seen this lesson unfold before my eyes across many facets of the industry.”



“hello” to him and he told me, “That doesn’t look like much fun at all.” For a few strides, I painfully agreed with his observation as I kept pushing the heavy stroller. After a few more steps, I had an epiphany and turned back with a chuckle, saying, “Yeah, but it’s a lot easier than watching what I eat!”

As I thought about that interaction over the next days and

weeks, I could not help but hear my father’s voice in the back of my head. My father would tell my brothers and me as we complained about the heat and strain of working on a farm in the summer: “It’s called work for a reason.” There are many idioms that express this sentiment. “You reap what you sow.” “Work now, play later.” “The early bird gets the worm.” And, “How do you get to Carnegie Hall? Practice, practice, practice.” Each of these contains in them a chord of the life lesson that for every single thing we do, we must sacrifice something else.

Throughout my career, I have seen this lesson unfold before my eyes across many facets of the industry. Part of my job is to have difficult conversations with people. These conversations are not typically something that those with my personality type enjoy, but I have found—through experience—that failing to address a matter quickly can lead to resentment and – instead of solving it – can further complicate things. There is a trade-off: I can face the unpleasantness of addressing it now, or forego that discomfort only to have the unaddressed issue worsen.

I have seen air show profession-

als suffer unnecessary problems under similar circumstances. I have seen talented professionals doing something, “...the way I taught myself.” I have heard performers say, “This is how I learned it,” when referring to a technique that would have been spotted and corrected by a strong coach or instructor. I have also seen an air show experience two-hour parking lines because the show’s management failed to consult with a parking specialist and properly anticipate fairly predictable traffic challenges. Whether it is flying an aerobatic maneuver or executing a business practice, it is easy to fall into the myopic trap of doing things, “...the way they have always done them,” and then endure the consequences of continuing the same inefficient, improper or even unsafe practices.

On the other hand, I have seen great successes when air show professionals have challenged themselves to learn from others. It is possible to



I have heard performers say, “This is how I learned it,” when referring to a technique that would have been spotted and corrected by a strong coach or instructor.





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It can be hard to ask for input, to have the hard conversation, to question the norms, to seek advice, to learn from constructive criticism, but – in every single case – the opportunity cost favors the most direct approach.



come to this industry with some firsthand knowledge, gather input from others, and synthesize both into a unique and special product. It's an approach that requires humility, good business sense and is, in the short term, a more difficult

path to follow. It can be hard to ask for input, to have the hard conversation, to question the norms, to seek advice, to learn from constructive criticism, but – in every single case – the opportunity cost favors the most direct approach.

When I think back to every career decision or particularly trying time in my own life, I can pinpoint a moment days, weeks or months in advance when I could have done a little more work to avoid the pitfalls of the present. I did not successfully

absorb and retain the advice of my father or all the idioms. Not until I was jogging and pushing a two-year-old in a stroller did I realize that what everyone else had been saying was true: "You've got to put in the work now to enjoy success (or ice cream) later." ✈

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Reaching Out for New Ideas

By Chris Morrison



CHRIS MORRISON

Manager of Marketing,
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By now, it's no secret that the air show industry faces a daunting demographic challenge as the Baby Boomer generation ages and the up-and-coming Millennial generation becomes our industry's prime target. And, increasingly, ICAS members are recognizing that overcoming the challenges of an aging air show fanbase will require identifying and implementing new marketing strategies that will reach this younger generation while there is still time to avoid a crisis.

So, how do we tap into these new ideas to attract Millennials?

Although there are many answers to this question, a number of air shows have discovered that working with outside-the-industry public relations agencies is one possible solution. Even though most of these companies have never promoted an air show, they often have excellent contacts in the local market, advanced social media marketing skills and a better understanding of how to promote air shows to younger audiences.

For Thunder Over Michigan, a show that went from doing its own advertising in-house to recently hiring local marketing professionals, the outcome has

been significant.

"To go to a local agency was a real eye opener," Thunder Over Michigan President Kevin Walsh said. "They have a better feel for the market for special events. They have a tab on 'let's not launch the tickets on this day because there's something else happening that day.' They are trying to time our announcements so as to realize the greatest return for us."

Even though the firm they chose had never promoted an air show, Walsh states that their in-depth knowledge of and marketing expertise in the Detroit special events industry have been invaluable.

"I think the benefit is huge. It's true that we are in the special events business, so we shouldn't say we're in the air show business," Walsh said. "In my market, I compete with the Detroit Tigers. I compete with every local music festival and fair. I don't compete with other air shows."

In addition to identifying an air show's competitors in their respective market, an outside firm can also provide assistance in scoring good deals for ad buys, finding year-round opportunities to market tickets in

the community, and introducing strategies that have worked for other events.

The Abbotsford International Airshow, another show that has recently transitioned to outsourcing their marketing, has been able to strengthen its social media presence by developing original content and maintaining continuous communication with its fanbase. The company the show selected had significant experience in promoting to younger audiences through such events as food truck and beer festivals.

"It was important to us to find a social media team that had a connection to [the Millennial] market," Operations Manager Dave Reith said. "That's the market we really need to be looking more and more towards because, even though our core is families and young families with children, Millennials are quickly becoming that core."

According to Reith, their decision was twofold:

"Number one was the opportunity to get ideas and have somebody with an outside perspective who is more into events- and business-related marketing – rather than just air shows –

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working on our social media and online presence,” Reith said.

The second reason was a capability issue. Although the show could largely handle its own social media for nine or ten months of the year, their marketing group has been able to take it over during the 60 days leading up to the show, so that the show management can focus on the event itself.

“One of the reasons we wanted to pick somebody who had a lot of experience in marketing to events that appeal to younger audiences is because they understand that,” Reith said. “It’s about creating a conversational space between you and the audience. They understand that and have come to the table with lots of great ideas.”

Through this collaboration, the Abbotsford International Airshow has already launched a number of creative social media campaigns and special event features. For example, the air show posted an April Fool’s Day prank about Air Force One coming to this year’s air show, which became one of the most popular posts ever on the show’s social media channels.

Additionally, this year’s show introduced an area called The

Grandstand, to serve as a designated social and festival area that included live music, food and 12 local craft breweries from around British Columbia.

However, air show organizers are not the only ones looking for outside-the-industry marketing help. Former Snowbirds and CF-18 Demo Team pilot Rob “Scratch” Mitchell has also begun working with a local firm to strengthen his social media presence.

“I solicited professional help and they brought in some insight that I wouldn’t have organically known, or would have spent months figuring out, and that’s been very helpful,” Mitchell said. “Just in that alone is the real-time analytics where they say, ‘no, this type of post with your engagement, this is better for people looking at your stuff.’”

For Mitchell, his decision first stemmed from being unable to designate the necessary amount of time to build one’s own social media brand. Nonetheless, the collaboration has demonstrated to him that an involved social media presence is more than simply posting a couple of cool photos and videos.

“It’s a recognition that [social media] is a modern paradigm, that one must adhere to a social

media strategy... I think a lot of air show people, they think it’s just about airplanes, whether they’re performers or producers, and there’s a larger story to be told and that needs to be figured out first,” Mitchell said. “My takeaway is, ‘it’s not a fire-and-forget solution,’ and you still have to guide the ship to some degree. And I think some people forget that and just wholesale give it over. But to have people doing the grunt work, that helps.”

But choosing to outsource your marketing brings with it an unanticipated dilemma. Air shows will have to deal with the fact that these professionals do not have a working knowledge of air shows, which will require a steady dialogue between both parties to avoid communication errors.

For Abbotsford, there were concerns early on due to their agency’s unfamiliarity with air shows and inability to identify regular aircraft.

“There are certainly challenges in working with someone from outside the air show world; I mean we have had to take them to school on air shows and aircraft, for sure,” Reith said. “It was on our side of the table to deliver the air show specific content that they aren’t familiar with, so it’s a good partnership.”

For Thunder Over Michigan, relinquishing total control of their marketing was a big step.

“I think one of the biggest challenges is when the marketing agency brings something that is so different – from a standpoint of creativity that works for concerts or festivals – and it’s just that we are not used to it,” Walsh said. “Embracing what they bring you is sometimes difficult because we have been at it so long and it is hard to step back and say, ‘Ok, you’re the professionals.’”

That being said, constant communication with their marketing group is key to fostering creativity. For example, Walsh holds a call with them every Friday to review past decisions and strategize fresh ideas.

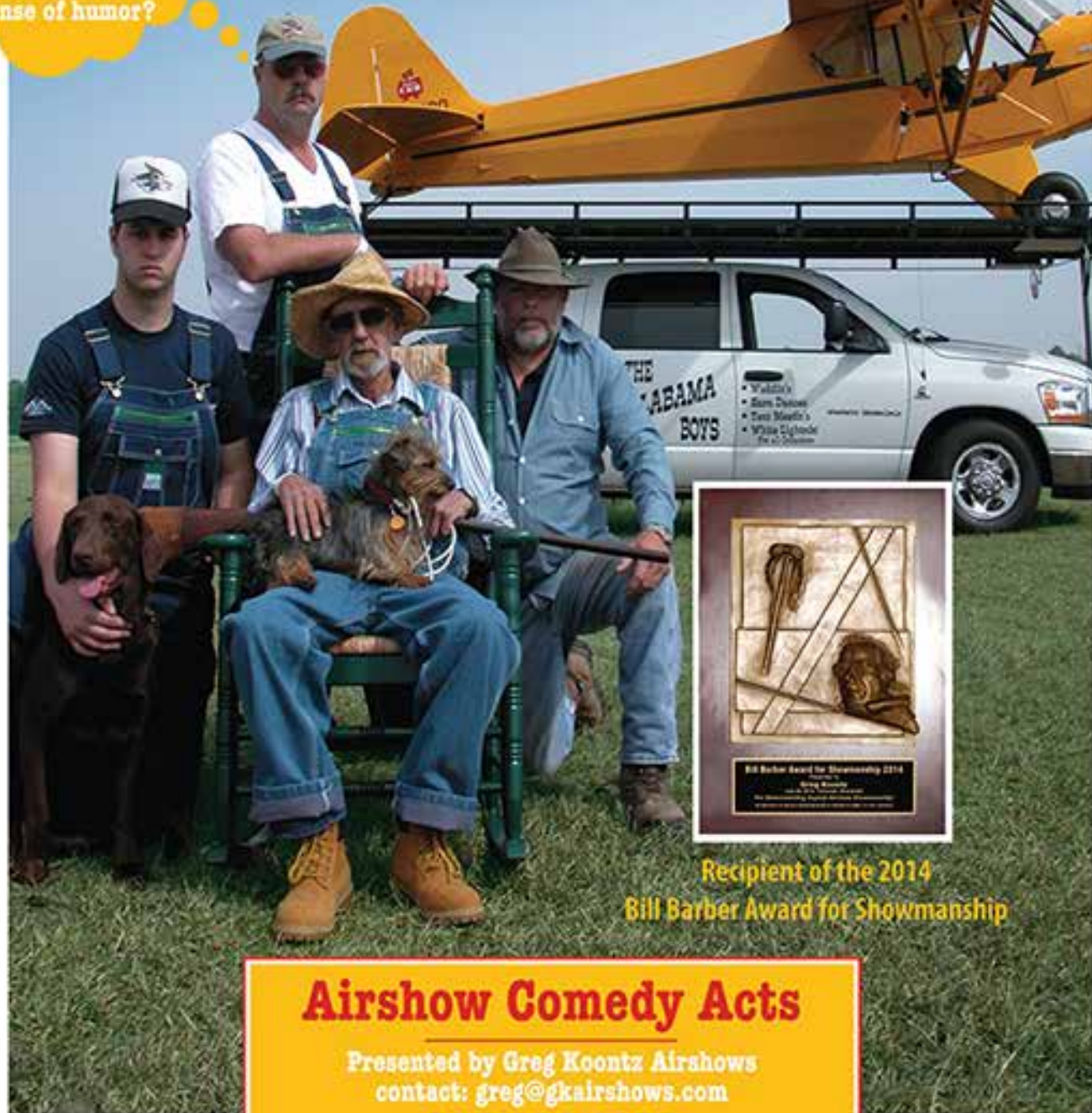
The overall takeaways?

Don’t be afraid to reach outside the air show industry where you may learn an inventive approach to promoting your events. Understand that you are in the greater entertainment business and that there are organizations out there that can be excellent sources in developing original ways to step up your marketing efforts and better reach the Millennial demographic. ✂



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DON'T DO NUTHIN' DUMB: RISK IDENTIFICATION AND MITIGATION IN THE AIR SHOW ENVIRONMENT

BY MIKE BERRIOCHOA

As any lawyer will tell you, the only way to produce a totally safe air show is not to produce one at all. Fortunately for air show fans, we tend to ignore such sage advice and do the next best thing. We take steps to identify, minimize and mitigate the risks so fans can have a great experience without exposing themselves to undue harm.

Airport ramps, by design, are not expected to accommodate large volumes of people. They are designed to move airplanes around safely. Mix in a bunch of people

who have little or no experience at airports and a situation is created that is rife with potential for all sorts of mayhem.

There are no reliable statistics that tell us how we are doing in protecting our fans because shows seldom track injuries. Air shows typically have first-aid centers that are busy with the things one would expect...bumps, bruises, sprains and abrasions from slips, trips and falls. And if the weather is hot, dehydration is a problem...despite the best efforts of every air show announcer

reminding fans to drink plenty of fluids.

Insurance underwriter Susan Amey says the majority of recent insurance payouts have been related to slips, trips and falls..... and golf carts. "There sometimes seems to be a lack of attention paid to the safe operation of golf carts. A number of shows are comfortable letting untrained people operate them and we've had instances of carts hitting people or running into equipment," she said.

Oregon International Air Show, Executive Director Bill Braack says every one of their volunteers is empowered to stop an unsafe activity anywhere during the show.

“We brief our volunteers to know that everyone is a safety official from top to bottom. If they see something unsafe, we expect them to speak up,” he said. The show has a formal safety structure that supports the volunteers, starting with a vice president whose only responsibility is safety. The vice president is backed by a committee of volunteers who bring considerable outside experience with them. “Their sole focus is to look for hazards that can harm our guests and our volunteers. They go to work well ahead of the show to identify and mitigate hazards and are on the field all weekend,” he said.

The show uses a comprehensive safety manual that is handed out to every volunteer. When a volunteer signs on to work

the person he is working with. Other

problems include sprains from stepping in holes, falling off golf carts, and similar injuries resulting from simply not paying attention,” she said.

Additionally, she encourages shows to verify that all contractors are licensed and meet all local and state requirements. This includes everyone from the pyro contractor to the carnival rides. “Be sure to check with police and fire departments well in advance to understand their requirements. And get a copy of a current certificate of insurance from everyone you are doing business with and look for liability coverage that would include their people, their equipment and their vehicles,” she said.

Developing a solid safety culture among volunteers can be a significant challenge. At the

While most injuries associated with shows are minor, Amey advises first-aid providers to keep an accurate log of each person coming in for aid, the type of care given, and a signed acknowledgment of the treatment. “This is increasingly important because an insurance claim can come in several months after a show and there is often no record of what happened. An attorney can call on behalf of a client and no one connected to the show knows anything about it. This puts shows at a real disadvantage,” she said.

And injuries aren’t restricted to fans. Amey noted that there has been a recent spike in volunteer injuries. “We’ve seen instances where someone pulls out a pocket knife to cut a rope and ends up cutting himself or



on the show, he or she signs a statement acknowledging they have received and read the manual. “We have four training sessions with our volunteers prior to the show to go over the manual. Every volunteer is required to attend whether they have experience with the show or not,” Braack said.

While four sessions may seem redundant, Braack notes that many volunteers have no airport or aviation experience, so the safety sessions address everything from equipment operation to environmental issues. “We want them to understand that we are mixing 65,000 people with airplanes and other unfamiliar equipment and hardware.”

Learning from their mistakes is a key element of their safety culture. “A recent forklift issue taught us that we need training for anyone operating a forklift,” Braack said. Now, anyone authorized to operate a forklift is sent to a training school at the air show’s expense.

Every year, Braack’s team does a new airfield risk assessment because circumstances at the airport change from year to year. “Our airport is a dynamic facility with a number of business operations that change what they do and where they do it. Each year, we have to take those changes into account to ensure a safe show,” Braack said.



Central to the Oregon safety program are daily debriefs after each day’s show. “We don’t spend our time patting ourselves on the back at these debriefs. There is time for that later. We focus on what we need to improve before the start of the next day’s show, then go do it,” he said. The debriefs include board members, emergency responders, law enforcement, the air boss and narrator.

Aviation event planner and manager Mike McCabe agrees with the concept of what he calls a “safety czar.” His firm produces both large and medium shows across the country each year. He says the buck can’t stop with one person at the top. “The show’s entire leadership team should walk the show site together before the show. This should include committee chairs, as well as the airport manager, so everyone understands the big picture. There are tiedowns, light carts, wiring, culverts and a lot of other potential hazards that everyone needs to understand and be prepared to deal with,” he says.

Most risks will become immediately apparent and can be resolved with a healthy dose of common sense, but McCabe cautions not to just look for the obvious. “A close inspection is essential because you don’t want your fans to discover a hazard on their own. The last thing you want is for someone to accidentally tear down the glide

slope antenna,” he said.

For McCabe, staying in control of vendors is vital to safety. “You want tight control of where your vendors go, and what they are selling, so their wares don’t become a nuisance or a hazard. You need specific criteria for space utilization, open cooking and the like. You shouldn’t allow balloons or kites that can get away. People sometimes do dumb things, so you have to remain vigilant,” he said.

McCabe advocates contractual language – with vendors and anyone else doing business with the air show – that will reserve the show’s right to make changes due to safety when warranted. “Shows should ask vendors for a full and complete description ahead of time of what they want to do at your show. This isn’t rocket science. It’s risk mitigation. Whether it’s a small country show or a major event, the issues are common,” he said.

Using only experienced and trained marshalers to move airplanes around is essential, according to McCabe. “Most shows have a large volunteer corps, and volunteers often see marshaling as a plum assignment. Everyone thinks they can do it and we clearly need to cultivate the next generation of volunteers. But they must be trained, and anyone new to the task should work with



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experienced people before being promoted to the next level,” he said.

Growing in importance among shows is the emphasis on security, which, McCabe says, goes hand in hand with safety. Shows should provide volunteers with visible credentials that are color coded so they will know that only authorized people will be allowed into certain areas. “Not every volunteer needs access to every area,” he said.

Fuel and smoke oil are recognized safety issues, not only in the proper handling of the material, but in reducing stress on the pilot. “I had a show where they used the prior year’s quantities when ordering, only to hire performers who required far more than was available. On its face, that doesn’t seem like a safety problem, but it sent the organizers scrambling at the last minute, and left pilots wondering if they would get what they needed to fly. Pilots should be spared this added stress before they fly,” McCabe said.

Air boss Jim Gibson stressed the necessity of allowing sufficient time for pilots to prepare for their performances. “Shows need to schedule enough time between the safety briefing and the first performance so pilots have time to get their game face on, think about what they are going to do, and focus their attention on the task at hand,” he said.

Gibson added that time should be allotted for pilots to meet with the Crash, Fire and

Rescue (CFR) people to discuss emergency extraction procedures and any other matters linked to the pilot’s safety. “This consumes a lot of time; but it must be done every day since rescue crews often change over the weekend and the crews a pilot briefs on Saturday may not be the ones who are there on Sunday.”

Common at many air shows these days is an unscheduled emergency drill to test the readiness of CFR teams. Such drills are usually conducted on rehearsal day so they don’t disrupt the flow of a show, but Gibson warns never to use a performer airplane for such drills. He recounts a show where they used a golf cart driven by the show director and the CFR people took the drill seriously. They opened up with their water, hosing down not only the cart, but the director as well. “That could just as easily have been a performer airplane and I’m not willing to take that risk. Removing the airplane from such drills removes one more thing that can go wrong and disrupt the show,” he said.

Air boss Ralph Royce adheres to several hard and fast principles when it comes to doing his job safely. First and foremost, if a pilot isn’t briefed, the pilot doesn’t fly. “Briefings are the underpinning of safe air shows and that makes it a top priority. And lack of a safety briefing puts pilots outside the parameters of the waiver,” he says.

But Royce believes briefings should extend beyond the waiver time. “Shows offer a variety of sponsor and media rides and rarely are there briefings to cover these rides. Riders ought to be briefed on what will occur, and on how to get out if there is a problem. The aircraft owners should establish minimum altitudes if they intend to do aerobatics, and show organizers need to know what the pilots intend to do and where they go,” he said.

One safety initiative that is fast becoming an invaluable air show staple is the mandate for pilots to provide emergency extraction

documents to a show prior to flying.

Royce is pleased to see more and more pilots providing this information, but he says compliance is far from 100 percent. “It is the responsibility of the pilot to submit the information and the show’s responsibility to require it. But, if all the shows make it a contractual requirement, they will have all the inspection data they need,” he said.

Conveniently accessible food, water and portable restroom facilities for pilots while they wait their turn to perform are essential to safety. “I’ve seen some shows that don’t understand that sticking private aviators under a sun shade far from everything they need is a safety issue,” he said.

One of Royce’s pet peeves is photographers who venture beyond the crowd line without his permission. “Photographers do not have rights to be forward of the crowd line without permission of the air boss. It’s that simple,” he said. Royce has been to shows where someone without authority gives permission to a photographer to venture beyond the crowd line because the photographer wants to get a better picture. “The next thing I know, the photographer has ventured into the restricted area and I have to call a halt to the show until I can get him back where he belongs.” Royce says it can be done safely, but the person must have air boss permission, and must be accompanied by someone with a radio so they can be called back quickly.

Anyone who has attended one of Royce’s safety briefings knows well his closing admonition. “Don’t do nuthin’ dumb!” He says flying air shows is all about common sense. “I don’t want someone flying a show who says, ‘Hold my beer.’ What we do is risky enough without adding something dumb to the mix.” ✈



2018 ICAS Conv

Monday, December 3 - Thursday, December 6, 2018
Paris Las Vegas Hotel, Las Vegas, Nevada



vention



"See you at ICAS?"

Any time after June, this is the standard last line in a conversation between air show colleagues. It's asked like a question, but it's really more of an assumption. Because the ICAS Convention is THE last stop each year for everybody who works in the air show business.

Indeed, it's no exaggeration to say that attendance at the annual ICAS Convention is a minimum entry requirement for anybody who wants to be identified as an air show professional.

So, if you've been waiting for your invitation, this is it. We're looking forward to seeing you at ICAS and welcoming you into the community of air show professionals.



Top Nine Reasons

FOR YOU TO MAKE THIS THE YEAR THAT YOU ATTEND THE ICAS CONVENTION

1 Momentum. As this issue of *Air Shows Magazine* goes to print, all of our leading indicators – hotel sleeping room reservations, number of delegates, registration revenue, number of booths, booth revenue, and convention sponsorship revenue – are higher than they have been in nearly a decade. All signs point to the largest convention since at least 2009.

2 Everybody in one place at one time under one roof. Virtually without exception, they're all there. We call it an "air show immersion experience." For four days, the people and conversations are all air show, all the time. Newbies and veterans. Military event organizers and civilian event organizers. Support service providers and performers. For four days in December, they'll all be at the Paris Las Vegas Hotel for you to meet, get to know, conduct business with, and learn from.

3 The ICAS Convention comes but once a year. For four days in early December, the entire air show industry will gather in one place to do business, learn from each other, swap war stories, and plan the upcoming air show season. And when our 2018 ICAS Convention is over, there won't be a similar event until the 2019 ICAS Convention in early December of next year.

4 Fun, but focused. That's how one veteran member of ICAS recently described the annual convention. It's everything you'd expect from a four-day event in Las Vegas with 1,500 air show people. War stories. Late nights. Lots of laughing. Social events designed to help ensure that members have a chance to meet and talk. A whole lot of fun. But our convention delegates work just as hard as they play. This year's ICAS Convention will include more than 50 separate education sessions and more than 200 exhibiting companies on 60,000 square feet of exhibit floor.





Ideas and solutions. It is the intense “creative greenhouse” nature of the event that has made it so successful for the last 50 years. New ideas. Solutions to difficult challenges. Important new connections. Useful information comes flying at you all week long. Everybody in the hotel is there for the same reason: to plan and organize air shows that are better, safer, and more profitable. That creates a synergistic, solution-generating environment that is hard to describe, but which draws our delegates back year after year once they attend their first convention.

The ICAS Convention will save you time, money and headaches. Everything about the ICAS Convention is structured to help convention delegates generate the ideas, contacts, processes and knowledge necessary to improve the effectiveness, efficiency and profitability of their air show businesses. Make no mistake about it: fun is fun, but the reason the ICAS Convention has prospered throughout its 50-year history is that it represents the single most effective and efficient business tool available to air show professionals.

The Exhibit Hall. Widely recognized as the largest hiring hall in the entire events industry, the ICAS Convention exhibit hall is not just the center of activity for the ICAS Convention; it’s the epicenter of the entire North American air show business for a few days every December. New relationships are begun. Old friendships are renewed. Deals are negotiated. Plans are finalized. Business is conducted. If you work in the air show business, there is no more efficient or effective way to get your business done than to walk onto that exhibit hall floor.

Networking. Our members recognize that the informal conversations that go on during these events are a treasure trove of new ideas, useful insights, and new perspectives. Every year, members rate these networking opportunities as one of the most important aspects of the ICAS Convention.

Education sessions. The 2018 ICAS Convention will include nearly 80 hours of education sessions, from hour-long presentations to day-long training seminars and everything in between. That’s more learning opportunities than any ICAS Convention ever.

Schedule at a Glance

2018 ICAS CONVENTION

SUNDAY, DECEMBER 2ND

9:00 a.m. - 5:00 p.m.
Air Force Open
House Workshop

MONDAY, DECEMBER 3RD

8:00 a.m. - 4:30 p.m.
Air Shows 101: Air/
Ground Operations
Training Workshop

8:00 a.m. - 5:00 p.m.
Exhibitor Move In

9:00 a.m. - 5:00 p.m.
Air Boss 201:
Advanced Air
Boss Workshop

1:00 p.m. - 5:30 p.m.
Sponsorship
for Events

2:15 p.m. - 3:15 p.m.
Concurrent
Session #1

3:30 p.m. - 4:30 p.m.
Concurrent
Session #2

4:45 p.m. - 5:45 p.m.
Concurrent
Session #3

6:00 p.m. - 7:30 p.m.
Welcome to Las
Vegas Reception

TUESDAY, DECEMBER 4TH

8:30 a.m. - 10:00 a.m.
Opening General
Session — Sled
Driver: Flying the
World's Fastest Jet

Jet Team Schedule
Announcements

10:15 a.m. - 1:30 p.m.
Exhibit Session A

1:45 p.m. - 2:45 p.m.
Concurrent
Session #4

1:45 p.m. - 5:45 p.m.
Air Shows 102:
Business Basics

3:00 p.m. - 4:00 p.m.
Concurrent
Session #5

4:15 p.m. - 6:15 p.m.
Exhibit Session B

6:30 p.m. - 8:00 p.m.
Regional Meetings

WEDNESDAY, DECEMBER 5TH

7:30 a.m. - 12:00 p.m.
Air Shows 102:
Business Basics,
Part Two

8:30 a.m. - 9:30 a.m.
Concurrent
Session #6

9:45 a.m. - 10:45 a.m.
Concurrent
Session #7

11:00 a.m. - 12:00 p.m.
Concurrent
Session #8

12:15 p.m. - 1:15 p.m.
Pinnacle Awards
Luncheon

1:15 p.m. - 2:00 p.m.
Luncheon Keynote
Session — Creativity
In the Workplace:
Improving Your Air
Show Business
Through Innovation
and New Ideas

2:15 p.m. - 6:15 p.m.
Exhibit Session C

6:30 p.m. - 7:30 p.m.
2019 ICAS
Convention Exhibit
Space Draw

THURSDAY, DECEMBER 6TH

8:30 a.m. - 10:00 a.m.
Annual Membership
Meeting

Keynote Session —
Think Strategically
and Act Decisively:
Embracing Change
as a Tool for
Ensuring Long-Term
Sustainability

10:15 a.m. - 12:15 p.m.
Exhibit Session D

12:15 p.m. - 5:00 p.m.
Exhibitor Move Out

12:30 p.m. - 1:30 p.m.
Concurrent
Session #9

1:45 p.m. - 2:45 p.m.
Concurrent
Session #10

5:00 p.m. - 6:00 p.m.
Chairman's Banquet
Reception

6:00 p.m. - 9:30 p.m.
Chairman's Banquet

9:30 p.m. - 11:00 p.m.
Survivor Party

POWERFUL LINE-UP OF KEYNOTE PRESENTATIONS

ICAS has planned a series of three keynote presentations that will serve as the foundation of the 2018 ICAS Convention. Each has been scheduled to address the unique and specific needs, issues and opportunities currently facing the air show community.



Brian Shul

Tuesday, December 4, 8:30 a.m. - 10:00 a.m.

Sled Driver: Flying the World's Fastest Jet

In the final days of the Viet Nam conflict, Brian Shul was shot down while flying a mission near the Cambodian border. Unable to eject, Shul was forced to crash land in the jungle. Although severely burned in the ensuing fireball, he survived, and was rescued by a Special Forces team. After one year in hospitals and 15 surgeries, he miraculously returned to flying jet aircraft, and culminated his Air Force career by flying the world's fastest aircraft, the top secret Lockheed SR-71.

Now an accomplished author, photographer and keynote speaker, Brian will share his inspiring story of triumph over tragedy and give us a glimpse of what it was like piloting an aircraft at 2,200 mph at altitudes exceeding 85,000 feet.



Vital Germaine

Wednesday, December 5, 1:00-2:00 p.m.

Creativity in the Workplace: Improving Your Air Show Business through Innovation and New Ideas

As part of the 2018 Pinnacle Awards presentation, top-selling author and former Cirque du Soleil performer Vital Germaine will discuss the role that creativity plays in identifying and solving the problems and challenges that businesses face every day.

Using his experiences as a performer and the consulting work he has done with Microsoft, Adobe, McDonalds, the City of Las Vegas and other corporate clients, Germaine will distinguish between "artistic" and "creative" to explain why and how innovation can be taught, fostered and integrated into the way that air show professionals conduct their business. And he will discuss his three-step formula for inspiring increased creativity in the workplace and how innovative thinking leads to stronger collaboration, increased professional curiosity and improved performance.



Nick Tasler

Thursday, December 6, 8:30 a.m. - 10:00 a.m.

Think Strategically and Act Decisively: Embracing Change as a Tool for Ensuring Long-Term Sustainability

As part of the annual membership meeting of the International Council of Air Shows on Thursday morning, ICAS has invited organizational psychologist and best-selling author Nick Tasler to discuss the art and science of inspiring and leading change during challenging periods of transition and transformation. Tasler has put his insights and compelling speaking style to work for a wide range of organizations seeking to better understand and embrace the dynamics of organizational and industry-wide change, from General Electric, Microsoft and Wells Fargo to the Wharton School, Yale University and the Royal Bank of Canada.

For our ICAS audience, Tasler will take an outsider's look at the mid- and long-term direction of our business and use his experience and expertise to explain why it is important for air show organizations to begin making small changes now in preparation for the larger, paradigm-shifting changes likely to confront our industry in the years to come.

Exhibit Hall

2018 ICAS CONVENTION

The exhibit hall of the ICAS Convention will feature more than eleven hours of dedicated exhibit sessions over three days. The 60,000-square-foot hall will contain more than 200 different exhibitors, from air bosses, announcers and sound system providers to solo performers, wingwalkers and parachutists to concessionaires, insurance professionals and photographers. Subject matter experts on every aspect of air show operations and management. All in one place. All at the same time. All willing and able to share that expertise with you.

Year in and year out, our convention delegates tell us that the exhibit sessions are the single most important part of the convention. That's why we focus much of our efforts on making the exhibit hall floor the best possible tool for introducing air show performers and support service providers to the event organizers who organize and conduct air shows. And, to ensure that the activity on the exhibit hall floor gets the full attention of all our convention delegates, ICAS does not schedule any other meetings or events while the exhibit hall is open.

#

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Afterburner Airshows

Air Boss & Consulting
International

Air Boss Advantage

Air Boss Inc. - George Cline

Air Boss One, LLC

Air Boss Solutions, LLC

Air Capital Insurance, LLC

Air Show Audio

Air Show Entertainment

Air Show Ministries

Air Show Network (ASN)

Airbus

AirOshinuga@gmail.com

AirPros

Airshow Sound

AirShow Vendors

AirSupport, LLC

The Alabama Boys by Greg
Koontz Airshows

Will Allen Airshows

American Airpower Museum

Armed Forces Store

Army Aviation Heritage Foundation

AttendStar.com

Aviation MH Inc.

Avsurance Corporation

B

Adam Baker's Playful Airshows

vicky benzing aerosports

USASOC Parachute
Demonstration Team
Black Daggers

Blazing Aviation, LLC

U.S. Navy Blue Angels

Jeff Boerboon Aerobatics

Jim Bourke - Extreme AeroSports

Burns Barnstormers

C

Canadian Harvard Aerobatic Team

Cavanaugh Flight Museum

The Chuters

Julie Clark Air Shows dba
American Aerobatics, Inc.

Class of '45

Danny Clisham Award
Winning Announcer, LLC

Chuck Coleman Airshows

Kevin Coleman Aerosports

Commemorative Air Force

Complete Ticket Solutions

Continental Air Show Productions

Brian Correll Airshows

Ray Courtman Enterprises

Creative Pyrotechnics, LLC

D

Dave Dacy Airshows, Inc.

Dash AeroSports

Keith Davis Airshows

DreamBIG

Entertainment, LLC





E

Etix, Inc.
Eventbrite
Evolve Aerosports
ExtremeFlight

F

FIGHTERJETS, INC. - Randy Ball
Firecat Aerial Productions
Firewalkers International Pyro, LLC
Jason Flood Airshows
Fox51, LLC
Scott Francis Airshows
Franklin's Flying Circus & Airshow
Free Man Airshows
FROST (Fast Response
Operational Safety Team)

G

Gavin Arts
GEICO Skytypers Airshow Team
Jim Gibson Air Boss
Herb Gillen Advertising
U.S. Army Parachute Team
Golden Knights
Gordon Bowman-Jones
Memorial Fund
Mike Goulian Airshows
Bud and Ross Granley
Family Airshows

H

Hafeli and Hildebrandt Air
Show Announcers
Hammerhead Aerobatics
- Renny Price
Nathan Hammond Airshows
Jeremy Holt Airshows

I

IDM Communications
Immortal Red Baron
In Concert Productions, Inc./
Air Show One, Inc.
Insurance Technologies
& Programs
International Council of Air
Shows Foundation, Inc.

J

Jacquie B Airshows
JayMatt Aviation, LLC

K

K & K Insurance Group
KC Flight Formation Team
Dave Keim's Air Show Associates
John Klatt Airshows

L

Ladies for Liberty, LLC
LD Airshows
U.S. Navy Parachute
Team Leap Frogs
Liberty Jump Team, Inc.
Lima Lima Flight Team
LiveAirShowTV

M

M & M Graphics, LLC
Mach 1 Productions
Man vs Jumbo Jet Air
Show Plane Pull
McCart Jet Motorsports
Paul McCowan Airshows,
Skydiving Team
Mid-Atlantic Air Museum
MiG Fury Fighters
Mini-Jet Airshows
Misty Blues All Woman
Skydiving Team
Mobile Mountain
Mohawk Air Shows
Mustang High Flight, LLC

N

National Concession Company
National Event Services
National Warplane Museum
Navy Legacy Flight
Nostalgic Flights, LLC

O

Lee Oman Airshows
OnBoard Images

P

Paradigm Aerobatics



Patriot Parachute Team
Patriots Jet Team
Jim Peitz Aerosports, Inc.
Ric Peterson Air Show Announcer
Kent Pietsch Airshows
Pilot Maker Airshows
Precision Exotics
Pure White Smoke Oil

Q

Quality Airshow Sound
Quick Silver P-51 Airshows

R

Manfred Radius Airshows
Rag Wings & Radials
Vintage Aircraft
Red Bull North America, Inc
Red Frog Events
Redline Airshows
Dan Reeves Air Shows
Rob Reider, Air Show Announcer
RenegadeAV8R
Rocketbilly Racing, LLC
Rower Airshows
Royal Canadian Air Force (RCAF)

S

Saffire
San Francisco Puffs & Stuff, Inc.
David Schultz Airshows, LLC
Anna Serbinenko, Sky Dancer
Shannon & Luchs
Insurance Agency
Sharkz Coins
Greg Shelton Airshows
Shetterly Squadron by
G&M Airshows
SHOCKWAVE, AFTERSHOCK
& Flash Fire Jet Trucks
Showline Airshow Services Ltd
Sierra Aeronautics

Signature
Flight Support
Silver Parachute Sales & Service
SkyHawks, Canadian
Armed Forces Parachute
Team, CFB Trenton
Smoke-n-Thunder Jet Shows
Canadian Forces Snowbirds
SOCOM Para-Commandos
Solutions Event Services
Gene Soucy Airshows
Special Event Fun
SRC Airshows
Bill Stein Airshows
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T

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December 3 - 6 • Paris Las Vegas

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Your Member Organization

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	Sep 1-Oct 31	Nov 1-Nov 16	Nov 17-On Site
Full Registration	<input type="checkbox"/> \$640	<input type="checkbox"/> \$665	<input type="checkbox"/> \$690
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Tuesday, December 4 Only	<input type="checkbox"/> \$310	<input type="checkbox"/> \$310	<input type="checkbox"/> \$310
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Special Seminars

Air Force Open House Workshop, Sun, Dec 2	<input type="checkbox"/> \$195	<input type="checkbox"/> \$195	<input type="checkbox"/> \$220
Air Shows 101: Air/Ground Operations, Mon, Dec 3	<input type="checkbox"/> \$295	<input type="checkbox"/> \$295	<input type="checkbox"/> \$320
Air Boss 201: Advanced Air Boss Workshop, Mon, Dec 3	<input type="checkbox"/> \$295	<input type="checkbox"/> \$295	<input type="checkbox"/> \$320
Sponsorship for Events Workshop, Mon, Dec 3	<input type="checkbox"/> \$195	<input type="checkbox"/> \$195	<input type="checkbox"/> \$220
Air Shows 102: Business Basics	<input type="checkbox"/> \$295	<input type="checkbox"/> \$295	<input type="checkbox"/> \$320
Part 1: Tues, Dec 4			
Part 2: Wed, Dec 5			

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Convention registration fees include a one-year subscription to *Air Shows Magazine* (\$40 value). Although this portion of your registration fee is non-refundable, you can opt to NOT receive the quarterly magazine, and emailed Fast Facts and Operations Bulletin by checking this box: ☐

TERMS AND CONDITIONS APPLY - SEE PAGE 2

TERMS AND CONDITIONS

REGISTRATION

Completion and submission of registration form with payment indicates that you have read and accepted these Terms and Conditions:

ELIGIBILITY

All delegates and seminar attendees must be affiliated with a current ICAS membership at the time of the convention to be eligible to attend.

ICAS MEMBERSHIP

In submitting payment to join or renew membership in ICAS, delegates agree to abide by the stipulations and principles of the ICAS Bylaws, ICAS Safety Creed, and ICAS Principles of Conduct and Professional Ethics.

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Convention registration fees include a one-year subscription to *Air Shows Magazine*, the quarterly professional journal of the air show business. Although this portion of your convention registration fee is non-refundable, you can opt NOT to receive the magazine by contacting ICAS headquarters and making that preference known to the ICAS staff.

BOOTH FEES DO NOT INCLUDE REGISTRATION

Exhibitors and all booth staff must register as delegates. ICAS does not permit spouses or guests to visit or “sit” at booths nor do we provide Exhibit Hall “passes” for workers. Booth staff will not be permitted access to the Exhibit Hall without delegate credentials.

MEMBER AFFILIATION

Badges will reflect the name, location and category of the ICAS member organization with which delegates are registered.

EDUCATION CLASSES

Each delegate’s registration includes access to all one-hour break-out education sessions, all general session keynote presentations, the ICAS Convention exhibit sessions and social events. Participation in the Air Force Open House Workshop, Air Shows 101, Sponsorship for Events, Air Shows 102 or Air Boss 201 requires an additional course fee.

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Costs related to the participation of registered delegates in scheduled social events are included in the delegate registration fee. Registered delegates may purchase tickets for their spouses, family members and/or guests on site at ICAS Registration for the Welcome Reception, Pinnacle Awards Luncheon and/or Chairman's Banquet.

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To encourage 2018 ICAS Convention delegates to book their sleeping rooms in the Paris Las Vegas Hotel, ICAS is offering a \$100 Caesars Entertainment gift card to all delegates who reserve and occupy a room within the ICAS block of rooms at the Paris Las Vegas Hotel for not less than three (3) nights during the convention. This gift card can be used for anything (except gambling or gambling chips) at any Caesars location: food, gift shops, alcohol, entertainment, and to offset sleeping room charges. A couple of specific requirements: To qualify for the gift card, you must be registered as a guest, under the name that precisely matches the name you used to register for the convention. This \$100 gift card is only available to delegates who pre-register for the entire convention (no day passes) by Friday, November 16 at 11:59 p.m. EST. And, if you are mailing your registration, it must arrive at ICAS headquarters by midnight EST on Friday, November 16. You will be required to sign for your gift card when you pick up your credentials on arrival at the ICAS registration desk. All decisions by the ICAS staff regarding whether a delegate does or does not qualify for a gift card will be final. Finally, anybody occupying a room at the host hotel that is not part of the ICAS block will NOT qualify for the gift card program.

REFUNDS AND CANCELLATIONS

All cancellation requests must be received in writing at ICAS headquarters. No refunds will be made on any cancellations received after November 16, 2018. Registration cancellations received on or prior to November 16, 2018 are refundable, but a \$50 administrative fee will be deducted from your refund. Fees paid for workshops and seminars that require an additional fee are also refundable on or prior to November 16, 2018, less a \$25 administrative fee deduction. If delivering a cancellation close to the refund deadline, we recommend emailing it to: icas@airshows.aero



EVERYBODY TALKS A BUT NOBODY DOES A

BY MIKE BERRIOCHOA

Weather. It's the single most common enemy of air shows. If it isn't the wind, it's the rain. And, if it isn't the rain, it's the wind and the rain and all the other nastiness that Mother Nature throws at us. From one end of the country to the other, just about every air show organizer has faced weather-related challenges, but has almost always figured out a way to survive.

The Thunder in the Valley show in Columbus, Georgia has fought the weather frequently. While they have only had to cancel three show days due to weather in their 21-year history, rain often put a damper on their event and forced them to be smarter about how they did things.

"We developed a business model based on sponsorships and one good weather day at the gates to pay the bills. That way, if we had one good day, our costs were covered and – if we had a second good day – we were assured a profit," said organizer Phaedra Childers. And because they always maintained a reserve to cover their costs, they never considered buying weather insurance.

Their tickets clearly stated that – come rain or shine – they would be open for business, even if it meant modifying the show. And there would be no weather-related refunds. "The only time we wouldn't

open would be if conditions posed a risk to our fans," she said.

Thunder in the Valley closed up shop after this year's show, not because of weather, but because of loss of sponsorships. "We were always able to withstand the weather issue because we were smart in our budgeting, but sponsors changed where they wanted to put their money. When we ended our last show, we were able to pay all our bills and – over the life of the show – we gave a lot of money back to the community," she said.

Air show organizer John Cowman of JLC AirShow Management produces several shows in the Southeast and has had more than his share of misfortune. "A few years ago, I had back-to-back hurricanes that nearly put me out of business," he said.

In 2016, he had to make the difficult decision to cancel the first day of the

Rome, Georgia show when a hurricane stalled off the coast. "Forecasters had told me early in the week that the hurricane would be no threat and we would have warm, sunny conditions. Ticket sales went well, but – by Friday – we knew we were in trouble," he said.

Their decision to cancel the first day was based entirely on safety. "It was an easy call because we didn't want anyone to get hurt," he said. By the second day, the weather had eased and they were able to get the full show in.

"We had spent a lot of money to bring in performers and entertainers, so we weren't willing to offer refunds, but we did allow people with Saturday-only tickets to use them on Sunday. And for those who couldn't come on Sunday, we allowed them to use the tickets the following year," he said.

ABOUT THE WEATHER,

ANYTHING ABOUT IT

NAS Oceana learned a valuable lesson in 2005, when a sudden storm ripped across the field on Friday night before the show. “We buttoned things up Friday evening and went home, only to get a call at 1:00 a.m. saying that a serious microburst was rolling over the field. Winds had reached 50 miles per hour by the time we reached the operations building,” said director Corky Erie. And all they could do was wait for it to subside before they could move onto the field to assess the impact.

Damage was extensive. A total of 60 pop-up tents were destroyed, piled in heaps that looked like dead spiders. A performer’s airplane had come loose from its tiedowns and was damaged. And bins of vendor inventory under the tents were broken open and their contents strewn everywhere. “Their merchandise covered the storm drains and we were covered by two feet of water,” Erie said. The air show team called in every available volunteer and they went to work. By 8:00 a.m., they had replaced all of the tents, merchandise had been cleaned up, and air show fans never knew there had been bedlam just hours before.



Bad weather – rain, lightning, wind, snow, cold, extreme heat – are the proverbial “known unknowns” for air show event organizers. But the most experienced and successful air show professionals recognize that we need not be helpless victims of bad weather; there are steps we can take and contingencies we can plan for that can minimize the impact of Mother Nature’s nastiest efforts to ruin our events.



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Weather can vary from sun showers that briefly interrupt the air show schedule to serious weather events that require immediate evacuation of the ramp. Whatever the severity, rain and other forms of bad weather can be especially frustrating because they are so hard to predict. No matter the strength of the performance schedule or the months of careful planning, weather challenges can dramatically impact even the most well organized events.



There will always be fans that make the trip out to the air show venue no matter how bad the weather gets, but industry veterans agree that – for those who have not yet purchased their tickets – the decisions are made when they wake up and look out the window. If it's raining – even if it stops later and clears up – the bulk of your audience will have already made their go/no-go decision.

In spite of weather problems, Erie said they have never cancelled a show. “Even in poor weather, we opened the gates so fans could come in, see the static displays, and buy souvenirs and food. And we told our pilots each morning that there was no pressure to fly if they felt it wasn’t safe. We accepted their decisions, whether they were civilian or military.”

Wings over Houston, a largely warbird event that draws big crowds, has also experienced the aftermath of severe weather. “We are close to the coast, and fronts come through, blowing hard. Sometimes they stall right over the airport,” said Bill Roach. He noted that, in 2017, they had winds of 40-50 miles per hour on Sunday morning. “It ripped down fences, destroyed tents and other equipment. Then a hot dog cart got loose and smashed into a C-130 on static display.

And, if that weren’t enough, a military display fence flew up and smashed into another military aircraft,” Roach said.

So, because of weather concerns, they created a new command center providing immediate access to weather updates so they can make real-time decisions. “Most Doppler radar is delayed 20 minutes. Now, we have instant information and that is essential to the safety of our show,” he said.

On the flip side of the weather issue are the performers and service providers. Most contracts call for payment irrespective of weather if the show is cancelled after they arrive. Dan McLaren of Mach 1 Productions provides sound systems for air shows and recognizes the importance of keeping his system up and running in the face of inclement weather. “We have an all-weather

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Although some fans will show up to watch even a single airplane fly, it's important that event organizers and performers not exacerbate an already bad situation by flying in marginal weather conditions or encouraging performers to do so.

system because the show organizers have to be able to communicate with the audience if something unexpected happens that requires an immediate response," he said.

McLaren's contract requires the show organizer to provide a sturdy tent that can withstand 70 mph winds. "Even in bad weather, we are able to hunker down and maintain our system," he said.

McLaren's speakers are on miniature towers that are well anchored and he has a supply of heavy-duty sandbags, just in case. This served them well when a tornado was approaching one show and the show activated their emergency plan. "Staying operational was essential to getting people off the field and under cover quickly," McLaren said. One adjustment he has made is the use of three weather mobile apps on his smart phone. And when he is in his hotel room, the TV is always tuned to the weather channel.

From another perspective, it is the air show community's vendors who stand to lose the most when a show is canceled because of weather. In most cases, novelty and food

concessionaires have to pay in advance for the privilege of selling at a show and must guarantee a percentage of the profits, with no expectation of getting a refund if the show cancels. They pay their own travel and lodging and invest in food and merchandise based on crowd expectations. If the crowd doesn't show up, they are stuck.

"Shows used to void the guarantee if they cancelled due to weather, but not anymore," said Sharon Shortt of San Francisco Puffs and Stuff. "Our business has become very competitive, profit margins are thin and our food is perishable. If we can't sell it, we have to throw much of it out," she said.

Short said a few shows will still forgive the guarantee, but not all. "Military bases are usually the most compassionate in these circumstances, but it depends on the event. Competition has pushed the guarantee higher and there are even some shows that can't get concessionaires to bid because the rate of return is too low," she said.

Overall, Short estimated that 40 percent of the events she does have weather problems

of one kind or another, which makes her business very challenging.

How does all of this translate to recommendations or suggestions to air show professionals concerned about the possible impact of weather on their shows or businesses?

If there is anything that weather has taught our industry, it's that commitment, resilience and thoughtful planning will almost always save the day.

"A favorite axiom among ICAS members is that, 'Hope is not a plan,' and that is particularly true in matters related to weather," says ICAS President John Cudahy. "We are in the outdoor entertainment business. Eventually, anybody involved in air shows will experience the challenges brought by rain or wind or brutal heat. It's very nearly inevitable. The question then becomes, 'Are you prepared for the inevitability of bad weather? Have you made plans – financially, operationally, in your policies – that anticipate different weather scenarios and allow you to move forward despite Mother Nature?'" ✈️

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Have You Met...

The debut performances of the Lockheed-Martin F-35 Lightning II fighter have been the most anticipated acts in the air show business since the first air show demonstrations by the F-22 Raptor back in 2007. This year, the pilot responsible for introducing the F-35 to the public is Captain Andrew “Dojo” Olson.

Since graduating from Virginia Tech in 2010 with a degree in Aerospace Engineering, Olson has progressed quickly through the ranks of the United States Air Force, accumulating more than 1,500 hours in the F-15E Strike Eagle, T-6A Texan II, and T-38 Talon. In April of 2016, Olson transitioned from the Strike Eagle to the F-35.

“What I have to compare [the F-35] to is the F-15E, which I did not fly in air shows. But, from a handling perspective, I would describe the F-35 as a dragster,” Olson said. “Very intense acceleration, low-level, because it has the biggest fighter engine ever built. So, 43,000 pounds of thrust in just one motor.”

In addition to the F-35’s superior power and speed, Olson cites the aircraft’s advanced flight control systems as another defining factor of its airpower eminence.

“It is more agile, for sure, than the Strike Eagle was. But what I think really sets it apart is the flight control logic that it has.



It is just incredible,” Olson said. “So, the ability for it to maneuver itself at an incredibly wide range of air speeds and still be responsive is what I think sets it apart from, at least what I have experienced in, the Strike Eagle.”

As a contemporary military pilot, Olson greatly appreciates the opportunity to participate in the air show industry’s tradition of Heritage flights.

“Flying on the wing of a warbird is like a continuous process of blinking to make sure that you’re actually awake and it’s real. It’s just completely surreal to be like ‘Wow, I’m on the wing of a P-51 and the guys who fly them are just total pros,’” Olson said. “It’s a real honor to honor the legacy of the airmen that came before us and that’s what the Heritage Flight is all about: honoring and recognizing the past, present and future of Air

Force airpower.”

Regarding the future involvement of the F-35 and the creation of an F-35 demo, Olson thinks the aircraft will be an excellent addition to the air show lineups across North America.

“As far as it performing on the air show circuit, it’s really a great jet for the crowd because it’s loud, it’s fast, it accelerates quickly and, eventually, when it does become a full-demo aircraft, I think it will put on a great show because it’s really maneuverable at full speed,” Olson said. “I think its demo is going to be a lot of high-alpha, high-angle attack, slow-speed, full afterburner maneuvers.”

To learn more about Captain Olson and the F-35 Heritage Flight Team, visit www.luke.af.mil/F-35-Heritage-Flt-Team/.



Second Arsenal of Democracy Flyover to be Scheduled for May 8, 2020

CAS, the General Aviation Manufacturers Association, the Commemorative Air Force and the Aircraft Owners and Pilots Association will organize and conduct an encore performance of the very successful Arsenal of Democracy flyover in Washington, DC on Friday, May 8, 2020. An official announcement of the event is expected later this fall.

The inaugural Arsenal of Democracy flyover took place on May 8, 2015, the 70th anniversary of Victory in Europe Day, when 56 vintage aircraft flew down the National Mall and over the National World War II Memorial as hundreds of World War II veterans and tens of thousands of spectators looked on.

"It was one of the most inspiring things I've ever witnessed," says ICAS President John Cudahy. "Surrounded by 90-year-old veterans, to look up at the Lincoln Memorial and see that parade of warbirds flying at low altitude over the iconic memorials of Washington, DC. It's a sight and a feeling that I'll never forget."

Still in the early stages of planning, the 75th anniversary Arsenal of Democracy flyover is expected to feature more than 80 warbirds, from B-17s, B-29s, B-24s and B-25s to P-51s, P-40s and P-38s to F4Us, TBMs and SBDs to Spitfires, Mosquitos and a Lancaster.

"It's an amazing opportunity and, really, a privilege, for ICAS and its members to once



again be involved in such a high-visibility event," says Cudahy. "An opportunity to recognize and memorialize the men and women who sacrificed so much 75 years ago and showcase an amazing collection of flying historical artifacts in front of hundreds of thousands of people in the skies above our nation's capital."

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Canada Remembers International Air Show Ends After 23-Year Run

From 1995 to 2017, the Canada Remembers International Air Show “Tribute to Heroes” event was committed to honoring and remembering those who served in the Canadian Armed Forces. After a 23-year run, the show has announced that it has officially ended.

Starting out as a small, local show in Saskatoon, Saskatchewan, the show quickly grew into a nationally recognized air show built around its commitment to the nation’s veterans. The event coupled commemorative ceremonies such as the Parade of Heroes and Acts of Remembrance with aerial performances by North American military and civilian performers.

“The rise in national attention for what was quickly acknowledged as Canada’s largest annual Tribute to Veterans was unexpected; within four years (in 1999), the Canada Remembers International Air Show was nationally recognized by the Federal Government’s Millennium Bureau as one of Canada’s Top 10 Outdoor Attractions and Saskatchewan’s #1 Outdoor Event,” air show organizer Brian Swidrovich said. “We were fortunate that our local community supporters as well as the United States and Canadian Armed Forces acknowledged the

higher purpose of the project and welcomed this little Saskatoon event into the fold with major air show status.”

For Swidrovich, some of the best moments of the show’s career included being the first air show to happen at an arena, the first indoor air show, and the first Canadian air show to be held at a race track. However, the ultimate reward came back to its dedication to Canada’s veterans.

Additionally, the show led the development of a documentary series composed of interviews with veterans in attendance at the Canada Remembers International Air Show.

“The decision to invite Thomega Entertainment, a local Film Production Company, to record interviews with veterans attending the air show, may be my proudest accomplishment,” Swidrovich said. “After 20 years and hundreds of interviews, all with the air show as a unique and engaging backdrop, the project has since turned into a complete six-disc *Canada Remembers* DVD Documentary Series, accompanied by an Education Plan that teachers can use to educate students on the heroism, service and sacrifices made by Canadian and Allied veterans.”



In June 2018, the Royal Canadian Legion endorsed the educational aspect of the *Canada Remembers* documentary series and has begun working to ensure that Canada’s 20,000 schools all receive a copy.

The final Canada Remembers International Air Show occurred from Friday, June 9 to Sunday, June 11, 2017. The show was centered around both celebrating Canada’s 150th anniversary as well as continuing its 22-year tradition in honoring the nation’s veterans.

When Pyro Is Not Permitted, Strobe Lights May Be a Good Alternative

Due to the increase in catastrophic wildfires in recent years, some local fire marshals in western states and provinces have been increasingly reluctant to grant permission for the use of pyrotechnics and aircraft-launched fireworks

at air shows. However, air show performer Steve Stavrakakis has resorted to an interesting alternative for those situations when traditional pyro displays are not permitted.

To combat the increased restrictions on pyrotechnics at night

shows and to still be able to perform his popular “Tribute to the American Vet” night performance, Stavrakakis teamed up with Whelen Engineering to create a new red, white and blue strobe lighting display for his night show performances.

Although this has not replaced his traditional pyrotechnic night performances, it has shown to be effective in delivering a captivating night performance even when traditional pyrotechnics are not allowed.

California International Airshow Takes On Two Shows in Six Months

Since its founding in 1981, the California International Airshow has always been held in the September-October period of the air show season. However, this year, the show is breaking from tradition to have two shows within the span of six months.

The first show will be held this September 29 and 30 at the Salinas Municipal Airport in Salinas,

California. The show will feature the U.S. Air Force Thunderbirds, Jerry Conley and the Vampire Jet, Greg Colyer and the T-33 Shooting Star, Vicky Benzing in the Boeing Stearman, and much more.

The second California International Airshow will take place in early 2019, on March 23 and 24, to host the return of the U.S. Navy Blue Angels to Salinas.



“Definitely, we did not want the shows to be that close; we’ve been trying to work on the Blues for quite a while and get them back to Salinas,” California International Airshow President Don Chapin III said. “They’re out here in El Centro during that time and we are just going to fill in the timeslot right behind that.”

Although it was not planned, Chapin welcomes the new opportunities that have become available with having two different air shows six months apart. With the first show featuring the U.S. Air Force Thunderbirds in September 2018 and the second featuring the U.S. Navy Blue Angels in March 2019, the two shows will undertake different themes and attract different audiences.

“It opens up the possibility for us

to attract new sponsors, and also new folks who have never seen the Blues. It has been almost ten years since they’ve been to Salinas, so there’s a big demand for the Blues,” Chapin said. “It gives us a great opportunity to market both shows to sponsors and do an almost two-for-one package because they’re so back to back.”

Along with the benefits the unusual schedule provides, the March 2019 show also brings challenges with marketing and educating the community about the show. But Chapin is confident that they’re up for it. “We do face a few hurdles; I think the biggest one is marketing,” he said. “But our board is up to the challenge and I think our community is going to stand behind us and, again, I’m just really excited about this opportunity.”

The Great Pacific Airshow Returns to Huntington Beach

The Great Pacific Airshow, originally known as the Breitling Huntington Beach Airshow, is returning to Huntington Beach this October 19-21 following a recent transition in ownership. The show will host the U.S. Air Force Thunderbirds and many other aerial displays.

Having had its inaugural show in 2016, and then following up with a successful 2017 show, The Great Pacific Airshow will look

to continue that growth in spectators as it makes a number of changes to the show’s operation.

In addition to the U.S. Air Force Thunderbirds, the show will feature performances by Blackstone Airways, a FedEx 757, a Douglas C-47 Skytrain and the Huntington Beach Police Department Air Support Unit.

For more information on this year’s show and to purchase VIP tickets, visit www.pacificairshow.com.



ICAS Prepares for 2018 Air Boss Academy at the MCAS Miramar Air Show

ICAS will conduct the ICAS Air Boss Academy in conjunction with the MCAS Miramar Air Show on Thursday, September 27, Friday, September 28 and Saturday, September 29 in San Diego, California.

As the new Air Boss Recognition Program begins to be implemented in phases and the air show community moves to comply with the program's requirements, more and more air bosses will be working to meet the program's training/continuing education requirement. Along with the Air Boss 201 Workshop offered at the ICAS Convention each year, participating in the ICAS Air Boss Academy is one way to meet that training requirement.

Like the traditional ICAS Air Show Academy, the more narrowly focused Air Boss Academy uses an actual air show as a "living classroom" to provide a small number of ICAS members with a unique opportunity



to learn tips, techniques, strategies and tactics for providing air boss services that ensure a safe, entertaining, well-orchestrated air show.

The program will begin with an informal get-to-know-each-other session on the evening of Thursday, September 27. Friday will be focused on attending the pre-show safety briefing and classroom discussions on air boss-related issues. Saturday will begin with additional classroom instruction and

conclude with observing air boss operations on Saturday afternoon at the MCAS Miramar Air Show.

Performers scheduled to participate in the 2018 MCAS Miramar Air Show include the U.S. Navy Blue Angels, U.S. Marines F-35B Lightning II JSF, U.S. Air Force F-22 Raptor, Bell/Boeing MV-22 Osprey, Sean D. Tucker, John Colver, Jon Melby, Kent Pietsch, Steve Stavrakakis, the Shockwave Jet Truck, the Patriots Jet Team and more.

U.S. Air Force Thunderbirds Select New Officers for 2019 Season

On July 20, Commander, Air Combat Command General Mike Holmes officially announced the new officers who will be joining the U.S. Air Force Thunderbirds team for the 2019 air show season.

Lieutenant Colonel John Caldwell of the 28th Test and Evaluation Squadron at Eglin Air Force Base, Florida will assume the position of Thunderbird No. 1, the squadron's

Commander and Team Lead. In this role, Caldwell will be responsible for commanding more than 120 enlisted personnel and 11 commissioned officers assigned to the U.S. Air Force Thunderbirds. Caldwell will succeed the team's current commander, Lieutenant Colonel Kevin Walsh.

Captain Michael Brewer of the 334th Fighter Squadron will take over the position of Thunderbird No. 3, the team's Right

Wing Pilot. Brewer is currently stationed with the 334th Fighter Squadron at Seymour Johnson Air Force Base in North Carolina. Brewer will be replacing Major Nate Hoffman.

Major Whit Collins, the current Lead Solo Pilot for the team, will transition to the role of Thunderbird No. 4. Collins will replace Major Nick Krajicek, the team's current slot pilot.

Captain Michelle Curran of the 355th Fighter Squadron will as-

sume the position of Thunderbird No. 6, the Opposing Solo Pilot. Major Matt Kimmel, the current Thunderbird No. 6, will transition to Lead Solo in 2019.

The position of Thunderbird No. 8 will be taken over by Major Jason Markzon, 35th Maintenance Operations Flight Commander and F-16 Fighting Falcon pilot assigned to the 13th Fighter Squadron at Misawa Air Base, Japan. Markzon will succeed Major Branden Felker.



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Memorial for Fallen Blue Angel Opens in Smyrna

On Saturday, June 9, a dedication and unveiling ceremony was held in Smyrna, Tennessee for the new Captain Jeff Kuss United States Marine Corps Memorial at Lee Victory Recreation Park.

The ceremony came two years after Kuss was killed during a practice flight ahead of the Great Tennessee Air Show in 2016.

The \$1.4 million memorial,

funded entirely by donations, consists of an F/A-18C Blue Angel Hornet on a memorial pedestal standing in the center of a park. The 21,600 pound aircraft is on permanent loan from the National Aviation Museum in Pensacola.

“A lot of people throughout the community did a lot of hard work to make this happen and it was an honor for me to be part of that committee,” Smyrna/Rutherford County Airport Executive Director John Black said.

The dedication ceremony included a missing man formation by Captain Kuss’s old

squadron from MCAS Beaufort and reflections by his family.

According to Black, the memorial has already begun serving an additional purpose in teaching young students about aviation and STEM careers. One local school principal has begun integrating the memorial into a new STEM curriculum that teaches students about aviation through a visit to the memorial site in conjunction with a tour of the Smyrna/Rutherford County Airport.

For more information on the memorial and to donate, please visit <http://www.captjeffkussusmcmemorial.com>.



NAS Oceana Air Show and VBCPS Receive 2018 Pete Taylor Partnership of Excellence Award for STEM Programming

On Monday, July 23, Naval Air Station (NAS) Oceana and Virginia Beach City Public Schools (VBCPS) received the Exemplary Individual Project Partnership for the 2018 Pete Taylor Partnership of Excellence Award for the annual Science, Technology, Engineering and Math (STEM) Lab Learning Day held at the NAS Oceana Air Show.

The award, which is presented to school-military partnerships that work to foster learning in the community, was presented at the Military Child Education Coal-

ition’s Annual National Training Seminar in Washington, D.C.

Last year’s STEM Lab Learning Day marked the second consecutive year that the NAS Oceana Air Show welcomed over 5,000 Virginia Beach Public School fifth grade students and teachers to learn about STEM careers and aviation. This programming provides young students the opportunity to meet with STEM leaders throughout the military and in the community, including U.S. Navy pilots and support personnel.

This year’s STEM lab took place on Friday, September 21, as NAS Oceana celebrated its 75th anniversary. For two hours, the students visited various STEM program displays around the air

show and were on hand for the U.S. Navy Blue Angels practice flight later in the afternoon.

The NAS Oceana Air Show took place on Saturday, September 22 and Sunday, September 23.



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Reflections on Retirement from Bill Lowe

For as long as I can remember, flight has been a fascination of mine. Childhood buddies named Jack, Ed, John and others would join in bike rides to the local grass strip airport in central Pennsylvania. Countless hours were spent checking out the aircraft in the tie downs – overwhelmingly Piper Cubs or the like – and those in the boneyard which – during the late 1940s and early 1950s – included some World War II aircraft that had passed to private owners. We saw the first of the Piper Apaches and Cessna 310s appear on the scene and eventually were offered rides in a number of aircraft...which we readily accepted! First flight for me was in an Ercoupe that was based at that airport. Mom would have gone apoplectic, had she known about it. Ah, but that was a far different time from today.

The thirst to become a pilot was finally quenched at the airport in Brockport, New York in my 40th year. Becoming a member of that select fraternity of private pilots was and remains a deeply treasured accomplishment.

My interest in all things in the air naturally led to membership at the National Warplane Museum (NWM) in Geneseo, New York where I became a tour guide and, for six years, served on the Board of Trustees. It was there in 1988 that Ken Moses, the long-time announcer for the group's annual air show, asked me to join him as a volunteer on the mike, based on my interest in airplanes and lengthy experience as a radio news guy. He and I would go on to continue that joint announcing venture at that show for a dozen years during which time it reigned as one of the biggest, if not THE biggest, all-warbird shows in the nation.

1988 was also the year that I began solo announcing at other shows, having discovered that one could get PAID to do that! Casting about for a business name, I settled on Big Mouth Productions...primarily because those who knew me assured me it was fitting.

One year later, at the Sussex, New Jersey air show, I met an adorable red-headed gal named Nancy Krikorian who was a volunteer for that show and was also learning to fly there. I had gone there as a crew member on the NWM's B-17. Exactly one year after our meeting, we were married at that very same show while standing under the nose of that B-17 named "Fuddy Duddy."

At first, Nancy would go along on my air show announcing gigs and assumed responsibility for reminding me to plug the sponsors, mention the concessions, warn against smoking by the planes, and other such housekeeping details. Knowing her background as a singer with a band and aware of her performance capabilities, I convinced her around 1992 to pick up the mike and do those things herself. Thus was born the first husband and wife announcing team in North American air show history.

In the many years that have passed since that time, we have been honored to narrate shows as far west as Colorado and as far south as Florida, and have also served as announcers for many years at shows in our hometown of Rochester. There have even been solo announcing and emcee duties for me at EAA's Air Venture in Oshkosh.

Nancy and I have become lifelong friends with members of what has become our air show family, have seen some incredible aerial demonstrations, and had the thrill of being front and center in the effort to share the experience with the wonderful folks who attend those shows.

In more recent years, my very talented wife became volunteer chairman of the ICAS Foundation following the untimely passing of Caroline Trinkwalder. Nancy spent tons of selfless hours dedicated to keeping the Foundation going, a chore that at times seemed to me to be far more challenging than herding cats. She was also the driving force behind



the creation of the first Foundation-backed museum exhibit honoring members of the Air Show Hall of Fame. She designed the display and, with the help of mostly family member volunteers, built and installed it. Lunar Sawyer was able to arrange space for the display at the Florida Air Museum at SUN 'n FUN in Lakeland and it is well worth a look.

But now, we feel the time has come for us to make a graceful exit, and that is why we announced at the Northeast Council of Air Shows Conference in February that we are retiring from air show announcing at the end of 2018. The time is right to step aside and let the next generation have a go at it.

We will be eternally grateful to all those who hired us during our decades in the business, to the performers who so readily welcomed us into their elite world, and especially to the audiences who have reacted so warmly to our efforts to connect them to the aerial entertainment. It has been a helluva ride!

Nancy and I plan to attend the ICAS Convention in December to say our goodbyes to our treasured friends in that air show family. Of course, you'll probably be able to talk us into "hoisting a few" just for old times' sake!

And while we'll be off the mikes, count on seeing us on the spectator side or as volunteers at air shows in the future. Once this business gets into your blood, you can never completely give it up!



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ICAS 2018 CALENDAR OF EVENTS

Dates	Name	Location	Performers	Contact
01/13 – 01/14	Cable Air Fair	Upland, CA		
01/13 – 01/13	Imperial Aviation Day	Imperial, CA		
02/02 – 02/03	Red Bull Air Races	Abu Dhabi, United Arab Emirates		
02/03 – 02/03	Buckeye Air Fair	Buckeye, AZ		
02/06 – 02/11	Singapore Airshow	Singapore, Singapore		
02/10 – 02/11	AIR FIESTA 2018 (CANCELED)	BRO Brownsville, TX		David Hughston 956-542-4387
02/11 – 02/12	WBCA Stars & Stripes Air Show Spectacular sponsored by Miller Lite	LRD Laredo, TX	F-16 Viper Demo Team; AeroShell Aerobatic Team; Adam Baker's Playful Airshows; Greg Shelton Airshows; Mike 'Spanky' Gallaway - Announcer/Pilot; FIGHTERJETS, INC. - Randy Ball	Nino Cardenas 956-722-0589
02/24 – 02/24	Plant City Planes, Trains & Automobiles	Plant City, FL		
02/24 – 02/24	Los Angeles Air Raid	LGB San Pedro, CA	John Collver Warbird Airshows	John Collver 310-539-3640
03/10 – 03/10	NAF El Centro Air Show	NJK NAF El Centro, CA	U.S. Navy Blue Angels; John Collver Warbird Airshows; vicky benzing aerosports; Ace Maker Airshows; Precision Exotics; Vampire Airshows	Kristopher Haugh 760-339-2519/2673
03/16 – 03/18	Thunder & Lightning Over Arizona, Air and Space Expo (CANCELED)	DMA Davis-Monthan AFB, AZ		Maj Michael Kump 520-228-6169
03/17 – 03/17	2018 Yuma Airshow	NYL MCAS Yuma, AZ	F-35B Lightning II JSF; USMC AV-8B Harrier; USMC MV-22 Osprey; Patriots Jet Team; Vertigo Airshows; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; The Alabama Boys by Greg Koontz Airshows; F-22 Raptor Demonstration Team; Precision Exotics; Jon Melby Airshows; USAF Heritage Flight	Greg McShane 928-269-3327
03/17 – 03/18	Luke AFB Days Open House & Air Show	LUF Luke AFB, AZ	U.S. Navy Blue Angels; A-10 Demonstration Team; Ace Maker Airshows; Brad Wursten Airshows; Dan Buchanan Airshows; F-35A Lightning II Heritage Flight Team; USMC AV-8B Harrier; Tora Tora Tora; John Klatt Airshows	Lt Col Michael May 623-856-5580
03/23 – 03/25	Los Angeles County Air Show	Lancaster, CA		
03/23 – 03/25	Wings Over South Texas Air Show	NQI NAS Kingsville, TX	U.S. Navy Blue Angels; Younkin Airshows, Inc.; F-35A Lightning II Heritage Flight Team; Rob Holland Ultimate Airshows, LLC; Redline Airshows; Tora Tora Tora	Ray Santiago 361-516-6386
03/24 – 03/24	Annual Riverside Airshow 2018	Riverside, CA		
03/24 – 03/25	Wings over Atlanta (CANCELED)	MGE Dobbins ARB, GA		Michael Wooten 678-655-2210
03/24 – 03/25	Melbourne Air and Space Show	MLB Melbourne, FL	U.S. Air Force Thunderbirds; Kent Pietsch Airshows; SOCOM Para-Commandos; Quick Silver P-51 Airshows; Adam Baker's Playful Airshows; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks	Bryan Lilley 717-583-0800
03/30 – 04/01	Warbirds Over Wanaka International Airshow	WKA Wanaka, New Zealand	PACAF F-16 Demo Team; PACAF C-17 Demonstration Team	Ed Taylor +64 274 307549
04/06 – 04/07	Marvel of Flight Fly-In & Expo	DeFuniak Springs, FL		
04/06 – 04/08	Space Coast Warbird AirShow	TIX Titusville, FL	FIGHTERJETS, INC. - Randy Ball; Mohawk Air Shows; Tora Tora Tora; Precision Exotics; Paradigm Aerobatics; McCart Jet Motorsports; Twin Tigers Aerobatic Team; Paul Schulten Eagle Airshow; Younkin Airshows, Inc.; J & J Aero, LLC; Sky Soldiers	Bob Boswell 321-268-1941
04/06 – 04/08	March Field Airfest 2018 - Thunder Over the Empire	RIV March ARB, CA	U.S. Air Force Thunderbirds; Ace Maker Airshows; John Collver Warbird Airshows; vicky benzing aerosports; U.S. Army Parachute Team Golden Knights; F-35B Lightning II JSF; Jon Melby Airshows; AirOshinuga@gmail.com; USAF Heritage Flight; F/A-18 Super Hornet W Demo Team; U.S. Air Force Global Strike Command	Lt Col Andy Ormiston 951-655-5614

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ICAS 2018 CALENDAR OF EVENTS

Dates	Name	Location	Performers	Contact
04/06 – 04/08	Heart of Texas Airshow	CNW Waco, TX	Trojan Phlyers Demonstration Team; Mike 'Spanky' Gallaway - Announcer/Pilot; U.S. Navy Blue Angels; A-10 Demonstration Team; David Martin Aerobatics; The Alabama Boys by Greg Koontz Airshows; U.S. Air Force Heritage Flight Foundation; USMC MV-22 Osprey; U.S. Air Force Global Strike Command	Debby Standefer 303-862-2869
04/07 – 04/08	Thunder in the Valley Air Show	CSG Columbus, GA	AeroShell Aerobatic Team; Kent Pietsch Airshows; Class of '45; Sky Soldiers	Phaedra Childers 706-243-8954
04/10 – 04/15	SUN 'n FUN International Fly-In & Expo	LAL Lakeland, FL	U.S. Air Force Thunderbirds; AeroShell Aerobatic Team; Vampire Airshows; FIGHTERJETS, INC. - Randy Ball; Ace Maker Airshows; The Alabama Boys by Greg Koontz Airshows; Dan Buchanan Airshows; F/A-18C Hornet & F/A-18F Super Hornet E Demo Team; Kirby Chambliss Aerobatics (Red Bull); Bill Stein Airshows; Class of '45; Gene Soucy Airshows; Jim Peitz Aerosports, Inc.; Jerry 'Jive' Kerby; Franklin's Flying Circus & Airshow; Julie Clark Air Shows dba American Aerobatics, Inc.; Rag Wings & Radials Vintage Aircraft; Jim Tobul Airshows; Rhinebeck Aerodrome Museum; Stallion 51 Corp; David Martin Aerobatics; Paul Schulten Eagle Airshow; Matt Chapman Airshows; Twin Tigers Aerobatic Team; Vertigo Airshows; Cavanaugh Flight Museum; Aerostars Formation Aerobatic Team; Mike Goulian Airshows; Patty Wagstaff Airshows, Inc.; Paradigm Aerobatics; Quick Silver P-51 Airshows; Radial Rumble with Jeff Shetterly; Rower Airshows; Younkun Airshows, Inc.; Manfred Radius Airshows; SOCOM Para-Commandos; Mohawk Air Shows; Eugene Nock BATCOPTER Airshows; Jessy Panzer Aerosports	Greg Gibson 863-904-4041
04/14 – 04/15	Tuscaloosa Regional Airshow	TCL Tuscaloosa, AL	U.S. Navy Blue Angels; A-10 Demonstration Team; Vampire Airshows; U.S. Army Parachute Team Golden Knights; FIGHTERJETS, INC. - Randy Ball; The Alabama Boys by Greg Koontz Airshows; Precision Exotics	Jeff Powell 205-248-5300
04/21 – 04/22	Vero Beach Air Show 2018	VRB Vero Beach, FL	U.S. Navy Blue Angels; Dan Buchanan Airshows; GEICO Skytypers Airshow Team; Bill Stein Airshows; Rob Holland Ultimate Airshows, LLC; Commemorative Air Force; F-16 Viper Demo Team; Precision Exotics; Chefpitts Airshows; Team Fastrax; John Klatt Airshows	Michael Moon airshowops@gmail.com
04/21 – 04/22	Wings Over Columbus	CBM Columbus AFB, MS	U.S. Air Force Thunderbirds; Ace Maker Airshows; The Alabama Boys by Greg Koontz Airshows; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Precision Exotics; U.S. Army Parachute Team Golden Knights; A-10 Thunderbolt II 'Warthog'	Lt Col Sonic Johnson 662-434-7068
04/21 – 04/22	Thunder Over Louisville	SDF Louisville, KY	A-10 Demonstration Team; U.S. Army Parachute Team Golden Knights	Wayne Hettinger 502/767-2255
04/21 – 04/21	Planes, Trains and BBQ	Tavares, FL		
04/21 – 04/22	CAF Dixie Wing WWII Heritage Days	Atlanta, GA		
04/21 – 04/22	Red Bull Air Races	Cannes, France		
04/27 – 04/28	Beale AFB Air & Space Expo	BAB Beale AFB, CA	F-22 Raptor Demonstration Team; Ace Maker Airshows; Patriots Jet Team; vicky benzing aerosports; Precision Exotics	Lt Col Sean Neylon 856-577-0512
04/28 – 04/29	Wings Over Myrtle Beach	MYR Myrtle Beach, SC	U.S. Navy Blue Angels; F-16 Viper Demo Team; GEICO Skytypers Airshow Team; F-35A Lightning II Heritage Flight Team; Patty Wagstaff Airshows, Inc.; Ladies for Liberty, LLC; SOCOM Para-Commandos; Rob Holland Ultimate Airshows, LLC; Michael Wiskus and Lucas Oil Airshows; Smoke-n-Thunder Jet Shows; Jim Tobul Airshows; Quick Silver P-51 Airshows; Class of '45; Sky Soldiers; USAF Heritage Flight	John Cowman 678-655-5268 / 770-856-5151
04/28 – 04/28	Charleston Air & Space Expo	CHS JB Charleston, SC	U.S. Air Force Thunderbirds; FIGHTERJETS, INC. - Randy Ball; Ace Maker Airshows; Bill Stein Airshows; The Alabama Boys by Greg Koontz Airshows; Warrior Flight Team	Laura Abell 843-963-3809

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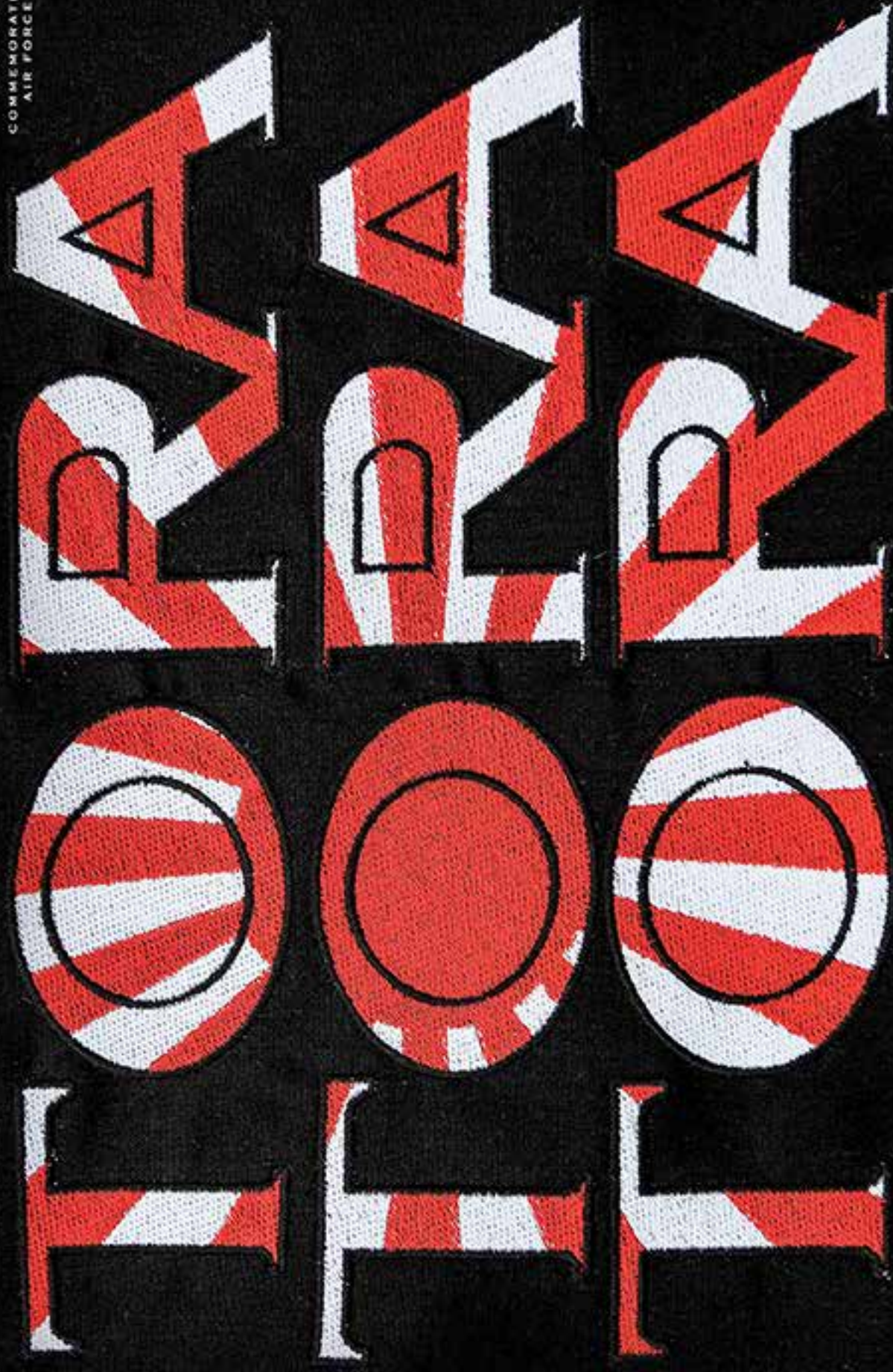
ICAS 2018 CALENDAR OF EVENTS

Dates	Name	Location	Performers	Contact
04/30 – 05/03	Chengdu Airshow	Chengdu City, Chichuan Province, China		
05/04 – 05/06	2018 JB MDL Power in the Pines Open House & Air Show	JB McGuire-Dix- Lakehurst, NJ		
05/04 – 05/06	Central Texas Airshow	TPL Temple, TX	Tora Tora Tora; Franklin's Flying Circus & Airshow; Dan Buchanan Airshows	Beth Jenkins 512-869-1759
05/04 – 05/06	MCAS Cherry Point Air Show	NKT MCAS Cherry Point, NC	Vampire Airshows; U.S. Navy Blue Angels; Rob Holland Ultimate Airshows, LLC; Canadian Forces Snowbirds; FIGHTERJETS, INC. - Randy Ball; DreamBIG Entertainment, LLC; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; AeroShell Aerobatic Team; Vertigo Airshows; Bill Leff Airshows; Precision Exotics; Younkinn Airshows, Inc.; USMC MV-22 Osprey; USMC AV-8B Harrier; F-35B Lightning II JSF; Mohawk Air Shows	Breeanna Zamora 252-466-5311
05/05 – 05/05	Jacqueline Cochran Airshow	TRM Thermal, CA	John Collver Warbird Airshows; vicky benzing aerospots; Will Allen Airshows; Patriots Jet Team; Jacquie B Airshows; Jon Melby Airshows; Smoke-n-Thunder Jet Shows; Red Eagle Airshows, LLC	Liliana Valle 951-955-9418
05/05 – 05/06	Wings Over Illawarra	YWOL Wollongong, Australia		Mark Bright +61 2 42083997
05/05 – 05/05	Manassas Open House and Air Show	HEF Manassas, VA	Scott Francis Airshows; Ace Maker Airshows; F-22 Raptor Demonstration Team; Warrior Flight Team; Canadian Harvard Aerobatic Team; Nalls Aviation, Inc.; Chefpitts Airshows	Kevin Rychlik 703-368-9599
05/05 – 05/05	Holloman AFB Air & Space Expo: Legacy of Liberty	HMN Holloman AFB, NM	Ace Maker Airshows	Maj John Jones 575-572-0454
05/05 – 05/06	FORD Lauderdale Air Show	FLL Fort Lauderdale, FL	U.S. Air Force Thunderbirds; GEICO Skytypers Airshow Team; SOCOM Para-Commandos; Michael Wiskus and Lucas Oil Airshows; F/A-18C Hornet & F/A-18F Super Hornet E Demo Team; U.S. Coast Guard (SAR); Jim Tobul Airshows; Quick Silver P-51 Airshows; Matt Chapman Airshows; Class of '45	Bryan Lilley 717-583-0800
05/05 – 05/06	Planes of Fame Airshow 2018	CNO Chino, CA	Ace Maker Airshows; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; Mustang High Flight, LLC; USAF Heritage Flight; Harrison Airshows; Planes of Fame Air Museum; A-10 Thunderbolt II 'Warthog'	Steve Hinton 909-597-4754
05/11 – 05/13	Valdez May Day Fly-In and Air show	Valdez, AK		
05/11 – 05/13	NORAD 60th Anniversary Fly-by	PEF Peterson AFB, CO	Canadian Forces Snowbirds; CF-18 National Demo Team	Lt Col Paul Jones 719-556-6868
05/11 – 05/13	MacDill AFB presents Tampa Bay AirFest	MCF MacDill AFB, FL	U.S. Navy Blue Angels; F-22 Raptor Demonstration Team; A-10 Demonstration Team; FIGHTERJETS, INC. - Randy Ball; GEICO Skytypers Airshow Team; Rob Holland Ultimate Airshows, LLC; Mike Goulain Airshows; John Klatt Airshows; Jim Tobul Airshows; Class of '45; Quick Silver P-51 Airshows; SOCOM Para-Commandos; Wild Blue Rodeo, LLC	John Schwartz 813-828-9668
05/12 – 05/13	Big Country Air and Space Expo - Dyess AFB	Abilene, TX		
05/12 – 05/13	Laughlin AFB Open House	DLF Laughlin AFB, TX	U.S. Air Force Thunderbirds; FIGHTERJETS, INC. - Randy Ball; Ace Maker Airshows; Rifle Airshows, LLC; Radial Rumble with Jeff Shetterly; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks	Maj David Brandt david.brandt.2@us.af.mil
05/12 – 05/12	Paso Robles AirFest	PRB Paso Robles, CA		Tony Gaspar 805-423-1816
05/18 – 05/20	Warbirds Over the Beach	42VA Virginia Beach, VA	Military Aviation Museum	Chris Vtipil 757-233-6556

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ICAS 2018 CALENDAR OF EVENTS

Dates	Name	Location	Performers	Contact
05/18 – 05/20	AirPower over Hampton Roads	LFI Langley AFB, VA	U.S. Air Force Thunderbirds; F-22 Raptor Demonstration Team; FIGHTERJETS, INC. - Randy Ball; Ace Maker Airshows; GEICO Skytypers Airshow Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Jacquie B Airshows; U.S. Army Parachute Team Golden Knights; USAF Heritage Flight; Quick Silver P-51 Airshows; Jim Tobul Airshows; Rag Wings & Radials Vintage Aircraft; Younkin Airshows, Inc.; Rob Holland Ultimate Airshows, LLC; Bill Stein Airshows; Vertigo Airshows; Manfred Radius Airshows	Dale Drumright 757-810-3983
05/19 – 05/20	Anderson Regional Air Show	AND Anderson, SC	Canadian Forces Snowbirds; A-10 Demonstration Team; Scott Francis Airshows; Chefpitts Airshows; Sky Soldiers	Hugh Oldham 864-226-3489
05/19 – 05/21	Warbirds Over the Beach	42VA Virginia Beach, VA	Military Aviation Museum	Chris Vtipil 757-233-6556
05/19 – 05/20	Hangar 24 Airfest & 10th Anniversary Celebration	REI Redlands, CA	Kent Pietsch Airshows; Jon Melby Airshows; CF-18 National Demo Team; F-16 Viper Demo Team; Ace Maker Airshows; John Collver Warbird Airshows; vicky benzing aerosports; Tony Higa Airshows	Jon Huggins 916-276-0520
05/19 – 05/19	20th Annual Corsicana Airshow	CRS Corsicana, TX	Texas T-Cart Airshows	Dan Summerall dsummerall@nctv.com/903-467-7170
05/19 – 05/19	Good Neighbor Day Open House/Air Show	PDK Atlanta, GA	The Alabama Boys by Greg Koontz Airshows; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; AeroShell Aerobatic Team; Larry King Airshows; Rower Airshows; JayMatt Aviation, LLC; Wild Horse Aviation; Twin Tigers Aerobatic Team	Mario Evans 770-936-5440
05/23 – 05/23	U.S. Air Force Academy Graduation Flyover	Colorado Springs, CO	U.S. Air Force Thunderbirds	
05/23 – 05/25	U.S. Naval Academy Air Show/Graduation Flyover	Annapolis, MD	U.S. Navy Blue Angels	
05/26 – 05/27	Cannon AFB Air Show - Air Commandos on the High Plains	Cannon AFB, NM		
05/26 – 05/27	Bethpage Air Show at Jones Beach	FRG Wantagh, NY	U.S. Navy Blue Angels; Canadian Forces Snowbirds; F-22 Raptor Demonstration Team; U.S. Army Parachute Team Golden Knights; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; GEICO Skytypers Airshow Team	George Gorman Jr 631-321-3403
05/26 – 05/27	Red Bull Air Races	Europe, European Union		
05/26 – 05/27	Breckenridge Airshow	BKD Breckenridge, TX	AeroShell Aerobatic Team; David Martin Aerobatics; SRC Airshows; Tora Tora Tora	Breckenridge Chamber of Commerce 254-559-2301
05/26 – 05/27	Salute to Veterans 30th Annual Celebration	COU Columbia, MO	A-10 Demonstration Team; Vampire Airshows; Ace Maker Airshows; SkyHawks, Canadian Armed Forces Parachute Team, CFB Trenton; F/A-18C Hornet & F/A-18F Super Hornet E Demo Team; CF-18 National Demo Team; Trojan Phlyers Demonstration Team	Mary Posner 573-449-6520
05/26 – 05/27	Miami Beach Air & Sea Show	Miami Beach, FL		
05/30 – 05/30	Air Show Cape Breton	Port Hawkesbury, NS		
06/01 – 06/03	Greenwood-Leflore Air Show	Greenwood, MS		
06/01 – 06/03	World War II Weekend - A Gathering of Warbirds	RDG Reading, PA	Rag Wings & Radials Vintage Aircraft; Yankee Air Force, Inc.; Jerry Wells Airshows; Commemorative Air Force; Greg Shelton Airshows; B-29 Doc's Friends, Inc.; National Warplane Museum; Mid-Atlantic Air Museum; American Airpower Museum	Russ Strine 610-372-7333
06/01 – 06/03	NAS Patuxent River 75th Anniversary Air Expo	NHK Patuxent River, MD	U.S. Navy Blue Angels; GEICO Skytypers Airshow Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Patty Wagstaff Airshows, Inc.; Precision Exotics; Jim Tobul Airshows; Warrior Flight Team	LT Joshua Nunn 301-342-5948
06/01 – 06/03	Rockford AirFest	Rockford, IL		

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Dates	Name	Location	Performers	Contact
06/02 – 06/03	Gunfighter Skies Airshow	Mountain Home AFB, ID		
06/02 – 06/03	Discover Aviation Days	Blaine, MN		
06/02 – 06/03	CFB Borden Armed Forces Day & Airshow	CYBN Borden, ON	Canadian Forces Snowbirds; CF-18 National Demo Team; Rick Volker Airshows; Canadian Harvard Aerobatic Team; Manfred Radius Airshows; Brent Handy Aerobatics; Kent Pietsch Airshows; Royal Canadian Air Force (RCAF)	Rick Kurtzer 905-716-6000
06/03 – 06/03	Stevens Point Airshow	Stevens Point, WI		
06/08 – 06/10	Greenwood Lake Air Show and Car Show	4N1 West Milford, NJ	The Alabama Boys by Greg Koontz Airshows; Mid-Atlantic Air Museum; Gary Ward Airshows; McCart Jet Motorsports; AeroShell Aerobatic Team; Younkin Airshows, Inc.; Vertigo Airshows; Commemorative Air Force	Tim Wagner 973-728-7721
06/08 – 06/10	Rhode Island National Guard Open House & Air Show	OQU North Kingstown, RI	U.S. Navy Blue Angels; Ace Maker Airshows; GEICO Skytypers Airshow Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; Mike Goulian Airshows; John Klatt Airshows; F/A-18C Hornet & F/A-18F Super Hornet E Demo Team; F-16 Viper Demo Team; FIGHTERJETS, INC. - Randy Ball; USMC AV-8B Harrier; Mark Murphy; SOCOM Para-Commandos; Rob Holland Ultimate Airshows, LLC	Maj Chris Peloso 401-241-7789
06/09 – 06/10	Jimmy Stewart Air Show	IDI Indiana, PA	Scott Francis Airshows	Nathanael Arthurs 724-840-0334
06/09 – 06/10	Gimli Air Show	Gimli, MB		
06/09 – 06/09	Columbus Aviation Day & Air Show	Columbus, IN		
06/09 – 06/10	Thunder of Niagara Open House	IAG Niagara Falls, NY	U.S. Air Force Thunderbirds; Canadian Forces Snowbirds; F-22 Raptor Demonstration Team; Kent Pietsch Airshows; Class of '45; C-17 Demo/Air Mobility Command; Pete McLeod Aerosports	Maj Ben Canetti 716-236-3232
06/09 – 06/10	Nebraska State Fly-In and Air Show	Chadron, NE		
06/11 – 06/12	Grimes Military Appreciation Days	Urbana, OH		
06/12 – 06/16	The Ely Nevada Air Show	ELY Ely, NV		Lance Gale 775-293-0472
06/13 – 06/13	North Bay Armed Forces Day	North Bay, ON		
06/15 – 06/17	Wings Over Northern Michigan Airshow	Gaylord, MI		
06/16 – 06/17	Chippewa Valley Airshow	EAU Eau Claire, WI	U.S. Navy Blue Angels; F-16 Viper Demo Team; Ace Maker Airshows; USAF Heritage Flight; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Kent Pietsch Airshows; Michael Wiskus and Lucas Oil Airshows; John Klatt Airshows	Tim Molepske 715-492-0496
06/16 – 06/17	Great Lakes International Airshow	CYQS St Thomas, ON	Canadian Forces Snowbirds; CF-18 National Demo Team; Vampire Airshows	info@GLIAS.ca
06/16 – 06/16	Legacy Flight Museum Air Show	RXE Rexburg, ID	Golden Age Airshows; Brad Wursten Airshows; Ole Yeller Air Shows; Wild Horse Aviation; Stallion 51 Corp; Pilot Maker Airshows; Erickson Air Shows	John Bagley 208/351-0004
06/16 – 06/17	Olympic Air Show	OLM Olympia, WA	Jim Bourke - Extreme AeroSports; Smoke-n-Thunder Jet Shows; Anna Serbinenko, Sky Dancer; Hammerhead Aerobatics - Renny Price; Bud and Ross Granley Family Airshows; Mustang High Flight, LLC	Sarah Hinman 360-705-3925
06/16 – 06/17	OC Air Show	WAL Ocean City, MD	U.S. Air Force Thunderbirds; GEICO Skytypers Airshow Team; F-35A Lightning II Heritage Flight Team; Scott Francis Airshows	Bryan Lilley 717-583-0800
06/16 – 06/16	Ada Airshow	Ada, OK		
06/16 – 06/16	Military Aviation Museum Flying Proms	42VA Virginia Beach, VA	Military Aviation Museum	Chris Vtipil 757-490-3157

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Dates	Name	Location	Performers	Contact
06/16 – 06/16	Ray Fagen Memorial WWII Warbird Airshow	GDB Granite Falls, MN	Fagen Fighters WWII Museum; AeroShell Aerobatic Team; Greg Shelton Airshows; Younkin Airshows, Inc.; Commemorative Air Force	Evan Fagen 651-485-5640
06/17 – 06/17	Festival Aereo de Motril	Motril, Spain		
06/19 – 06/23	Sentimental Journey Fly-In	Loch Haven, PA		
06/23 – 06/23	Wings Over the Prairie	Alva, OK		
06/23 – 06/24	Greater Binghamton Airshow	Binghamton, NY		
06/23 – 06/24	Red Bull Air Races	Budapest, Hungary		
06/23 – 06/24	The Utah Air Show: Warriors Over the Wasatch	HIF Hill AFB, UT	U.S. Air Force Thunderbirds; Ace Maker Airshows; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Brad Wursten Airshows; Bill Stein Airshows; Rob Holland Ultimate Airshows, LLC; Mustang High Flight, LLC; Golden Age Airshows; Erickson Air Shows	Lt Col Jeffrey Thomas 801-777-2161
06/23 – 06/24	Heroes Festival Canada	Wasaga Beach, ON		
06/23 – 06/24	Vectren Dayton Air Show	DAY Dayton, OH	vicky benzing aerosports; Tora Tora Tora; U.S. Navy Blue Angels; Redline Airshows; F-22 Raptor Demonstration Team; U.S. Army Parachute Team Golden Knights; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; John Klatt Airshows; CAF Red Tail Squadron	Terry Grevious 937-898-5901
06/27 – 06/27	Sur l'air de Chambly	Chambly, QC		
06/28 – 07/04	Battle Creek Field of Flight Air Show & Balloon Festival	BTL Battle Creek, MI	A-10 Demonstration Team; Vampire Airshows; USMC MV-22 Osprey; FIGHTERJETS, INC. - Randy Ball; Dave Dacy Airshows, Inc.; Aerostars Formation Aerobatic Team; Mike Goulian Airshows; Class of '45; Quick Silver P-51 Airshows; Commemorative Air Force; Jim Tobul Airshows; Japanese Bomber, LLC; Canadian Harvard Aerobatic Team; Bill Stein Airshows; Redline Airshows; Tora Tora Tora; USAF Heritage Flight; F/A-18C Hornet & F/A-18F Super Hornet E Demo Team; A-10 Thunderbolt II 'Warhog'	Barbara Haluszka 269-962-0592
06/28 – 07/01	Evansville ShrinersFest and Air Show	EVV Evansville, IN	F-16 Viper Demo Team; USMC AV-8B Harrier; Ace Maker Airshows; Twin Tigers Aerobatic Team; U.S. Army Parachute Team Golden Knights; Billy Werth Airshows, LLC; Heritage Flight Museum	Luke Carrico 812-484-7536
06/29 – 07/01	National Cherry Festival Airshow	TVC Traverse City, MI	U.S. Navy Blue Angels	Steve Plamondon 231-947-4230
06/30 – 06/30	Thunder Over Cedar Creek Lake	TYR Cedar Creek Lake, Tyler, TX	FIGHTERJETS, INC. - Randy Ball; Jacquie B Airshows; Texas T-Card Airshows	Randy Ball 214-676-0233
06/30 – 07/01	Arctic Thunder Air Show and Open House	AED JB Elmendorf-Richardson AFB, AK	U.S. Air Force Thunderbirds; F-22 Raptor Demonstration Team; Ace Maker Airshows; USMC AV-8B Harrier; Precision Exotics	Vicky Seagroves 907-552-8701
06/30 – 06/30	Celebrate Neosho Airshow	Neosho, MO		
07/01 – 06/01	Canada Day Flyby Over Parliament Hill	Ottawa, ON		
07/02 – 07/02	Grand Texas Airshow	Cleburne, TX		
07/03 – 07/03	Thunder Over the Bay	Los Alamitos, CA		
07/03 – 07/03	KaboomTown! Air Show	Addison, TX		
07/03 – 07/03	Dubuque Air Show & Fireworks	DBQ Dubuque, IA	USAF Heritage Flight; Vampire Airshows; U.S. Army Parachute Team Golden Knights; A-10 Demonstration Team	Perry Mason 563-690-0815
07/04 – 07/04	Tacoma Freedom Fair & Air Show	TIW Tacoma, WA	Ace Maker Airshows	Doug Fratoni 253-405-9604
07/04 – 07/07	Fair Saint Louis Airshow	CPS St Louis, MO	Ace Maker Airshows; Rob Holland Ultimate Airshows, LLC; Vertigo Airshows; Younkin Airshows, Inc.; Michael Wiskus and Lucas Oil Airshows; AeroShell Aerobatic Team	Brian Lorenz 314-550-3505
07/06 – 07/08	Arlington Fly-In	Arlington, WA		
07/07 – 07/08	Old Fort MacArthur Days	LGB San Pedro, CA	John Collver Warbird Airshows	John Collver 310-539-3640

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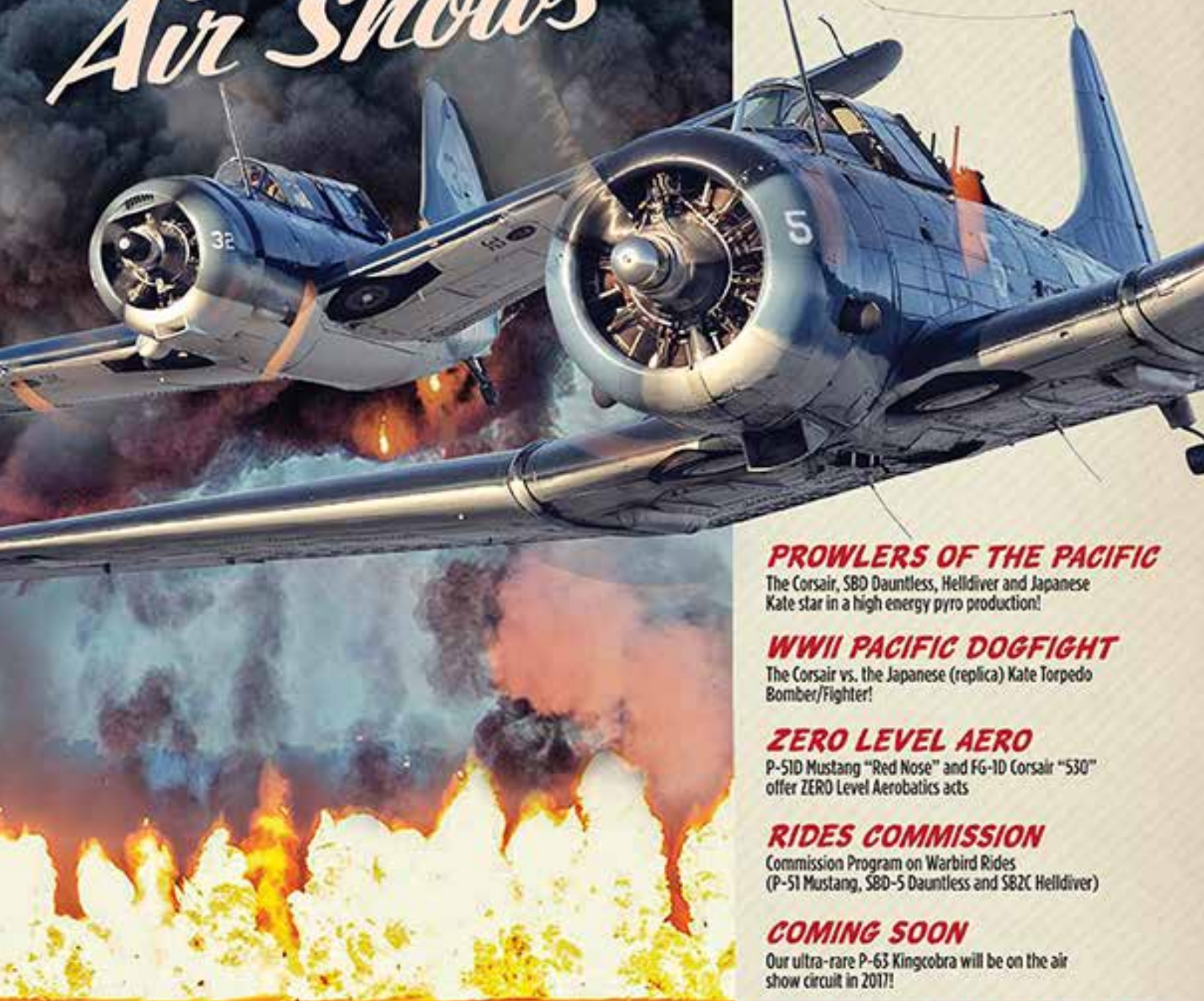
Dates	Name	Location	Performers	Contact
07/07 – 07/08	Duluth Air and Aviation Expo	DLH Duluth, MN	U.S. Air Force Thunderbirds; U.S. Army Parachute Team Golden Knights; Precision Exotics; Julie Clark Air Shows dba American Aerobatics, Inc.; Michael Wiskus and Lucas Oil Airshows; Kent Pietsch Airshows; Quick Silver P-51 Airshows; Jim Tobul Airshows; Grant Nielsen Air Shows; U.S. Coast Guard (SAR)	Ryan Kern 218-628-9996
07/07 – 07/07	Royal Navy Air Station Yeovilton International Air Day	Ilchester, United Kingdom		
07/07 – 07/08	Manitoba Airshow	CYPG Southport, MB	Canadian Forces Snowbirds; SkyHawks, Canadian Armed Forces Parachute Team, CFB Trenton; CF-18 National Demo Team; Brent Handy Aerobatics; Team Rocket; Go EZ Aerobatics; Geoff Latter Airshows; Gord Price Airshows; Trevor Rafferty Airshows; Anna Serbinenko, Sky Dancer; Dan Reeves Air Shows; Smoke-n-Thunder Jet Shows	Frank Cannon 204-872-0276
07/07 – 07/07	America's Freedom Fest	Goshen, IN		
07/11 – 07/11	Flin Flon Rotary Airshow	Flin Flon, MB		
07/13 – 07/15	The Royal International Air Tattoo	EGVA RAF Fairford, United Kingdom	CF-18 National Demo Team; Swiss Air Force; Royal Canadian Air Force (RCAF)	Richard Arquati 011/44-1285-713300
07/13 – 07/15	The Greatest Show on Turf: Wings of Western New York	D52 Geneseo, NY	JayMatt Aviation, LLC; Rick Volker Airshows; Liberty Jump Team, Inc.; Manfred Radius Airshows; Mid-Atlantic Air Museum; American Airpower Museum; Quick Silver P-51 Airshows; Military Aviation Museum; National Warplane Museum; Mark Murphy	Austin Wadsworth 585-243-2100
07/14 – 07/14	Truckee Tahoe Air Show & Family Festival	TRK Truckee, CA	Wild Thing Airshows & Announcing; Anna Serbinenko, Sky Dancer; Kirby Chambliss Aerobatics (Red Bull); RenegadeAV8R; Renegade Aerobatics; Erickson Air Shows	Tim LoDolce 530-386-3100
07/14 – 07/15	Country Thunder Saskatchewan	Regina, SK		
07/14 – 07/14	Pensacola Beach Air Show	Pensacola Beach, FL		
07/14 – 07/15	The Great New England Air Show	CEF Westover ARB/ Chicopee, MA	U.S. Air Force Thunderbirds; Ace Maker Airshows; GEICO Skytypers Airshow Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks	Alan Chwalek 413-283-7077
07/14 – 07/15	Georgetown/Scott County AirFest	27K Georgetown, KY	Vampire Airshows; DreamBIG Entertainment, LLC	Matt Bunch 859-797-3164
07/15 – 07/15	Livingston County Air Show	Howell, MI		
07/18 – 07/18	Big Valley Jamboree/ Snowbirds Over Camrose	Camrose, AB		
07/20 – 07/22	Lethbridge International Air Show	YQL Lethbridge, AB	Erickson Air Shows	Darrell Garton 403-680-0145
07/20 – 07/22	Biloxi Gulf Coast Air Show	Biloxi Beachfront, MS		
07/21 – 07/23	Extreme Blue Thunder Idaho Falls Airshow (CANCELED)	IDA Idaho Falls, ID		Russell Johnson 208/524-1550
07/21 – 07/21	Boundary Bay AirShow	CZBB Delta, BC	vicky benzing aerosports	Susan McLaren 604-612-6463
07/21 – 07/22	Milwaukee Air & Water Show	Milwaukee, WI		
07/21 – 07/22	4 Wing Cold Lake Air Show	CYOD CFB Cold Lake, AB	Canadian Forces Snowbirds; CF-18 National Demo Team; F-22 Raptor Demonstration Team; Ace Maker Airshows; Precision Exotics; Rob Holland Ultimate Airshows, LLC; Pete McLeod Aerosports; Smoke-n-Thunder Jet Shows; SkyHawks, Canadian Armed Forces Parachute Team, CFB Trenton; DAMet Services Ltd	Maj Kael Rennie / Diana Warbeck 780-840-8000 x3085 / x8217

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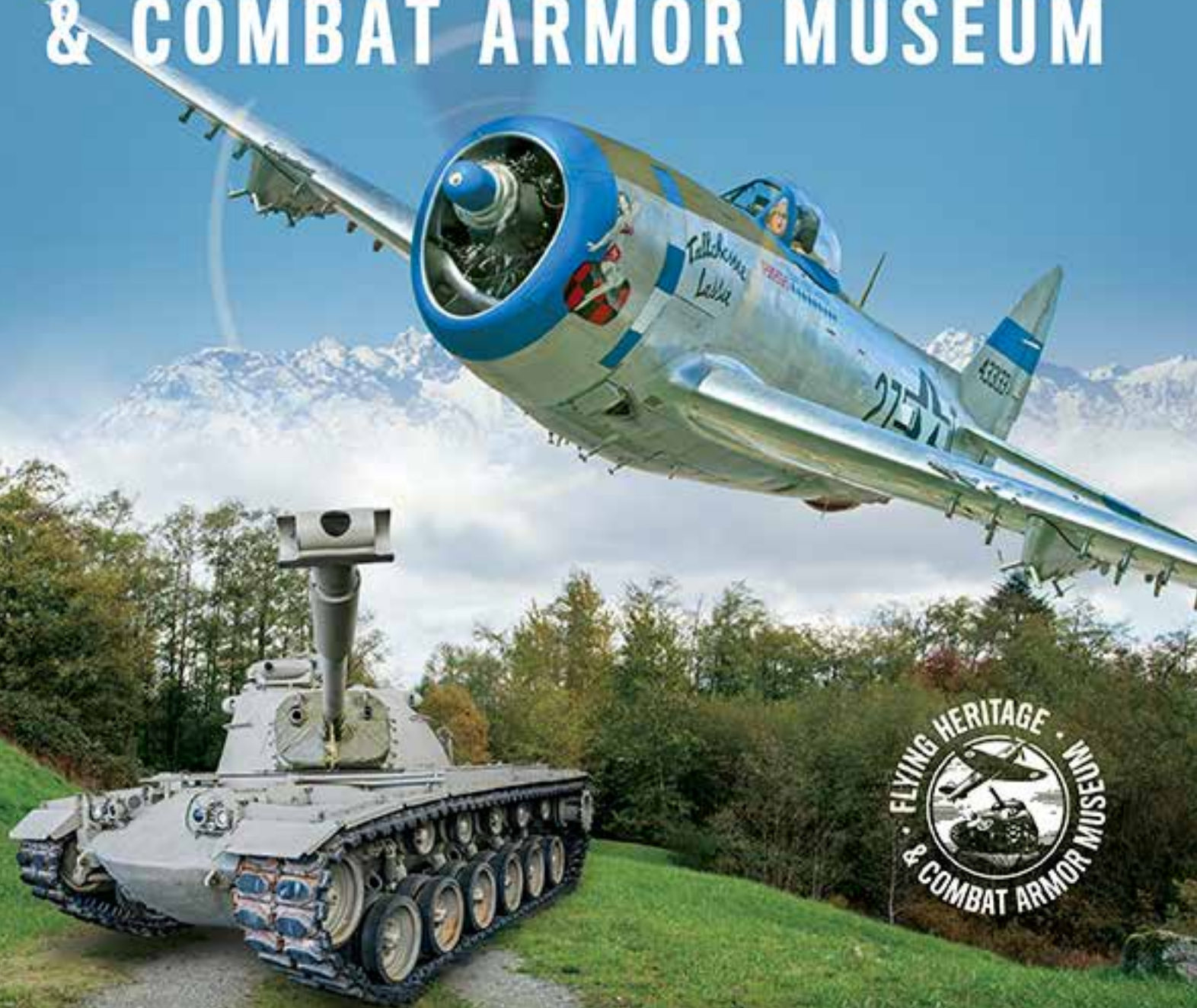


ICAS 2018 CALENDAR OF EVENTS

Dates	Name	Location	Performers	Contact
07/23 – 07/29	EAA AirVenture Oshkosh 2018	OSH Oshkosh, WI	Mike Goulian Airshows; GEICO Skytypers Airshow Team; The Alabama Boys by Greg Koontz Airshows; vicky benzing aerosports; AeroShell Aerobatic Team; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; Patty Wagstaff Airshows, Inc.; B-29 Doc's Friends, Inc.; Ladies for Liberty, LLC; Jim Peitz Aerosports, Inc.; Jim Tobul Airshows; Redline Airshows; Kirby Chambliss Aerobatics (Red Bull); Skip Stewart Airshows; Matt Chapman Airshows; Rob Holland Ultimate Airshows, LLC; Bill Stein Airshows; Jessy Panzer Aerosports; Canadian Harvard Aerobatic Team; Gene Soucy Airshows; Jeff Boerboon Aerobatics; Franklin's Flying Circus & Airshow; Younkin Airshows, Inc.; Manfred Radius Airshows; Vertigo Airshows	Dennis Dunbar 321-543-8837
07/25 – 07/25	Frontier Days Airshow	CYS Cheyenne, WY	U.S. Air Force Thunderbirds	MSgt Shawn Hendricks 307-772-6392
07/25 – 07/25	Rocky Mountain House Airshow	CYRM Rocky Mountain House, AB	Canadian Forces Snowbirds; CF-18 National Demo Team	Wendy Fowler 403-844-1985
07/26 – 07/28	Tri-City Water Follies HAPO Over the River Airshow	PSC Kennewick, Pasco, WA		Kathy Powell 509-783-4675
07/27 – 07/29	Fargo Airshow	FAR Fargo, ND	U.S. Navy Blue Angels; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Younkin Airshows, Inc.; John Klatt Airshows	Dick Walstad 701-235-3895
07/28 – 07/29	Westmoreland County Air Show	LBE Latrobe, PA	U.S. Air Force Thunderbirds; U.S. Army Parachute Team Golden Knights; FIGHTERJETS, INC. - Randy Ball; Precision Exotics; Vampire Airshows	Gabe Monzo 724-539-8100
07/28 – 07/29	Whitecourt Hometown Heroes Airshow	CYZU Whitecourt, AB	CF-18 National Demo Team; Canadian Forces Snowbirds; Kent Pietsch Airshows; Brent Handy Aerobatics	Sonja Vangilst 780-778-0030
08/03 – 08/05	Seafair Boeing Airshow & Albert Lee Hydroplane Race	BFI Seattle, WA	U.S. Navy Blue Angels; Brad Wursten Airshows; F-35A Lightning II Heritage Flight Team	Frank Sebastian 253-261-0034
08/04 – 08/04	Menomonie Airfest & Autorama	Menomonie, WI		
08/04 – 08/04	Northern Neighbors Day	MIB Minot AFB, ND	U.S. Air Force Thunderbirds; Jim Peitz Aerosports, Inc.; Vertigo Airshows; Kent Pietsch Airshows; Ace Maker Airshows	Pat Travnicek 701-721-6056
08/04 – 08/04	Fayette County Airport Open House	Washington Court House, OH		
08/04 – 08/04	Vanderhoof International Airshow	Vanderhoof, BC		
08/10 – 08/12	Abbotsford International Airshow	CYXX Abbotsford, BC	Canadian Forces Snowbirds; CF-18 National Demo Team; U.S. Navy Blue Angels; A-10 Demonstration Team; Ace Maker Airshows; Precision Exotics	Jim Reith 604-852-8511 x103
08/11 – 08/12	Defenders of Freedom Air & Space Show	OFF Offutt AFB, Bellevue, NE	Rifle Airshows, LLC; Radial Rumble with Jeff Shetterly; F-22 Raptor Demonstration Team; FIGHTERJETS, INC. - Randy Ball; Ace Maker Airshows; F-35A Lightning II Heritage Flight Team; Scott Francis Airshows	Capt Hunter Horste 402/294-8800
08/11 – 08/11	Wings Over Halls Air Show	Halls, TN		
08/11 – 08/11	Plymouth Air Show & Open House	Plymouth, MA		
08/11 – 08/11	Erie Air Fair	Erie, CO		
08/17 – 08/19	Edmonton Airshow	CZVL Edmonton, AB	Historic Flight Foundation; Geoff Latter Airshows; MiG Fury Fighters; Ace Maker Airshows; Showline Airshow Services Ltd; Jacque B Airshows; Wild Horse Aviation; Pete McLeod Aerosports	Richard Skermer 780-718-8454
08/17 – 08/18	D-Day Conneaut - WW II Reenactment	Conneaut, OH		

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Dates	Name	Location	Performers	Contact
08/18 – 08/19	Terre Haute Air Show	HUF Terre Haute, IN	Wild Blue Rodeo, LLC; U.S. Navy Blue Angels; Younkin Airshows, Inc.; F-22 Raptor Demonstration Team; Billy Werth Airshows, LLC; The Alabama Boys by Greg Koontz Airshows; Patriot Parachute Team; Tora Tora Tora	Kara McIntosh 812-877-2524
08/18 – 08/19	New Garden Festival of Flight	Toughkenamon, PA		
08/18 – 08/19	Wings Over Camarillo	CMA Camarillo, CA	John Collver Warbird Airshows; vicky benzing aerosports; Vampire Airshows	Bill Thomas 805-910-5905
08/18 – 08/19	Victoriaville Air Show	Victoriaville, QC		
08/18 – 08/19	Props and Pistons Festival	Akron, OH		
08/18 – 08/18	Fly Iowa - 2018 Grinnell Regional Airport, the Jewel of the Sky	GGI Grinnell, IA	The Vanguard Squadron	Chuck McDonald chuckdsmcc@aol.com / 515-964-139
08/18 – 08/19	60th Annual City of Chicago Air & Water Show	Chicago, IL	U.S. Air Force Thunderbirds; U.S. Army Parachute Team Golden Knights; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; Dave Dacy Airshows, Inc.	Rudy Malnati 312-236-0340 / 312-315-0447
08/22 – 08/22	Atlantic City Air Show - Thunder Over the Boardwalk	Atlantic City Beachfront, NJ		
08/24 – 08/25	The Airshow of the Cascades	S33 Madras, OR	Jim Bourke - Extreme AeroSports; Ace Maker Airshows; Dash AeroSports; Erickson Aircraft Collection; SRC Airshows	Lysa Vattimo 541-475-0155
08/24 – 08/26	Fly Ottumwa	Ottumwa, IA		
08/24 – 08/26	Sound of Speed Open House & Air Show	STJ St Joseph, MO	U.S. Navy Blue Angels; F-16 Viper Demo Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Ace Maker Airshows; Radial Rumble with Jeff Shetterly; Rifle Airshows, LLC; Shetterly Squadron by G&M Airshows; Precision Exotics; Jim Peitz Aerosports, Inc.	Byron Newell 816-236-3274
08/25 – 08/25	Virginia Air Show	Front Royal, VA		
08/25 – 08/25	Evanston Airport Day	Evanston, WY		
08/25 – 08/25	Air Show '18 Mattoon	MTO Mattoon, IL	Bob Richards Airshows; FIGHTERJETS, INC. - Randy Ball; Tucano Demo Team; The Alabama Boys by Greg Koontz Airshows; Aerostars Formation Aerobatic Team; Cliff Robinson/Tom Spielmann/Rolling Thunder	Andrew Fearn 217-234-7120
08/25 – 08/26	Red Bull Air Races	Kazan, Russia		
08/25 – 08/26	Thunder Over Michigan Air Show	YIP Ypsilanti, MI	U.S. Air Force Thunderbirds; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle	Kevin Walsh 734-637-8880
08/25 – 08/26	Atlantic Canada International Air Show	YZX Summerside, PE	Canadian Forces Snowbirds; CF-18 National Demo Team; Ace Maker Airshows; Vampire Airshows; Gary Ward Airshows; YakAttack Airshows; SkyHawks, Canadian Armed Forces Parachute Team, CFB Trenton	Colin Stephenson 902/465-2725
08/25 – 08/25	Spanish Fork Airshow	Spanish Fork, UT		
08/26 – 08/26	Oakland County International Airport Open House	Waterford, MI		
08/29 – 08/29	Rotary Brantford Charity Air Show	Brantford, ON		
08/31 – 09/03	LA Fleet Week	San Pedro, CA		
09/01 – 09/03	Canadian International Air Show	YYZ/YTZ Toronto, ON	U.S. Air Force Thunderbirds; Canadian Forces Snowbirds; CF-18 National Demo Team; F-35A Lightning II Heritage Flight Team	Executive Director 416-263-3650/ 416-263-3651
09/01 – 09/03	Cleveland National Air Show	BKL Cleveland, OH	U.S. Navy Blue Angels; F-16 Viper Demo Team; U.S. Army Parachute Team Golden Knights; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Twin Tigers Aerobatic Team; Greg Shelton Airshows; U.S. Coast Guard (SAR)	Leslie King 216-781-0747

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ICAS 2018 CALENDAR OF EVENTS

Dates	Name	Location	Performers	Contact
09/07 – 09/09	Airshow London	YXU London, ON	CF-18 National Demo Team; F-16 Viper Demo Team	Gerry Vanderhoek/ Dave De Kelder 519-319-2338/ 519-433-0200
09/08 – 09/09	McConnell AFB Open House 2018	McConnell AFB, KS		
09/08 – 09/08	Wings & Wheels Airshow	Lander, WY		
09/08 – 09/08	CAF Highland Lakes Bluebonnet Air Show	Burnet, TX		
09/08 – 09/08	Annual Wheels and Wings Festival	EGE Gypsum, CO	Radial Rumble with Jeff Shetterly; Rifle Airshows, LLC; Shetterly Squadron by G&M Airshows; Rocky Mountain Renegades	Jamie Roosa 970-524-7708
09/08 – 09/08	Northern Illinois Airshow	Waukegan, IL		
09/08 – 09/08	187th Fighter Wing Open House	MGM Montgomery, AL	F-22 Raptor Demonstration Team	Lt Col Paul Griggs 334-653-7782
09/08 – 09/09	Liberal Air Show	Liberal, KS		
09/08 – 09/09	Belgian Air Force Days	EBBL Kleine Brogel, Belgium		Gilbert Buekenberghs +32 475 599 199
09/08 – 09/09	Vermilion Regional Air Expo 2018 (CANCELED)	Danville, IL		
09/08 – 09/09	Spectacle Aerien de Mont-Joli	Mont-Joli, QC		
09/12 – 09/16	National Championship Air Races	RTS Reno, NV	F-16 Viper Demo Team; F-35A Lightning II Heritage Flight Team	Tony Logoteto 775-972-6663
09/14 – 09/15	Lycoming County Balloonfest & Air Show	Hughesville, PA		
09/14 – 09/16	Owensboro Air Show	OWB Owensboro, KY	U.S. Navy Blue Angels; Rob Holland Ultimate Airshows, LLC; Bill Stein Airshows; Younkin Airshows, Inc.; Class of '45; Matt Chapman Airshows; Paradigm Aerobatics; Gene Soucy Airshows; Sky Soldiers; SkyHawks, Canadian Armed Forces Parachute Team, CFB Trenton	Tim Ross 270-687-8350
09/14 – 09/16	Eastern Townships Airshow and Aviation Fair	CZBM Bromont, QC	Canadian Harvard Aerobatic Team; Vampire Airshows; Rick Volker Airshows; Manfred Radius Airshows; YakAttack Airshows; Redline Airshows; Pete McLeod Aerosports; Aviation MH Inc.	Joseph Singerman 514-501-9919
09/15 – 09/15	AERO-Gatineau-Ottawa	CYND Gatineau, QC	CF-18 National Demo Team; Canadian Forces Snowbirds	John Bennett 613-725-1171
09/15 – 09/16	Tribute to Aviation	MTJ Montrose, CO	Erickson Air Shows	Larry Blackwell 970-417-8178
09/15 – 09/16	New York Air Show	SWF New Windsor, NY	U.S. Air Force Thunderbirds	Bryan Lilley 717-583-0800
09/15 – 09/16	Commemorative Air Force High Sky Wing AIRSHOW 2018	MAF Midland, TX	A-10 Demonstration Team	Gena Linebarger 432-528-0997
09/15 – 09/16	Wings Over Coshocton Air Show	Coshocton, OH		
09/16 – 09/16	Battle of Britain Ceremony Air Display/Flyover National War Memorial	Ottawa, ON	CF-18 National Demo Team; Canadian Forces Snowbirds	Maj David Wood 613-995-6336
09/16 – 09/16	2018 Ocean City Beachfront Airshow	Ocean City Beachfront, NJ	GEICO Skytypers Airshow Team; Ace Maker Airshows	David Schultz 610-724-3300
09/19 – 09/19	CF Snowbirds in Fort Erie	Fort Erie, ON		
09/21 – 09/23	NAS Oceana Air Show	NTU Virginia Beach, VA	U.S. Navy Blue Angels; Eugene Nock BATCOPTER Airshows; Canadian Forces Snowbirds; F-22 Raptor Demonstration Team; GEICO Skytypers Airshow Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Jim Tobul Airshows	Rich Erie 757-433-2130

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Dates	Name	Location	Performers	Contact
09/21 – 09/23	California Capital Airshow	MHR Sacramento, CA	U.S. Air Force Thunderbirds; CF-18 National Demo Team; U.S. Army Parachute Team Golden Knights; F-35A Lightning II Heritage Flight Team; Redline Airshows; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Younkin Airshows, Inc.; Gene Soucy Airshows; Matt Chapman Airshows; Planes of Fame Air Museum	Darcy Brewer 916-876-7568
09/21 – 09/23	Wings Over Wine Country Air Show	STS Santa Rosa, CA	Ace Maker Airshows; vicky benzing aerosports; Brad Wursten Airshows; Mustang High Flight, LLC	Nancy Heath 707-477-4307
09/22 – 09/23	Osan AB Air Power Days	Osan AB Pyongtaek, ROK, Korea, South		
09/22 – 09/22	Lake of the Ozarks Air Show	Camdenton, MO		
09/22 – 09/23	Wings By the Wabash	RSV Robinson, IL	Dave Dacy Airshows, Inc.; Ladies for Liberty, LLC; Erik Edgren Airshows; Doug Dodge Airshows	Howard Hunt 217-932-2078
09/22 – 09/22	Flights of Our Fathers Air Show & Fly-In	TRL Terrell, TX	Texas T-Card Airshows; FIGHTERJETS, INC. - Randy Ball	Talana Morris 214-744-6188 / 972-551-1122
09/28 – 09/30	Oregon International Air Show	HIO Hillsboro, OR	Canadian Forces Snowbirds; CF-18 National Demo Team; A-10 Demonstration Team; USAF Heritage Flight; SOCOM Para-Commandos; Hammerhead Aerobatics - Renny Price; Redline Airshows; Smoke-n-Thunder Jet Shows; Michael Wiskus and Lucas Oil Airshows; Historic Flight Foundation; Ladies for Liberty, LLC	Bill Braack 503-629-0706
09/28 – 09/30	MCAS Miramar Air Show	NKX San Diego, CA	U.S. Army Parachute Team Golden Knights; U.S. Navy Blue Angels; USMC MV-22 Osprey; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; USMC AV-8B Harrier; F-35B Lightning II JSF; Patriots Jet Team; F-22 Raptor Demonstration Team; Kent Pietsch Airshows; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; Wild Thing Airshows & Announcing; John Collver Warbird Airshows; Jon Melby Airshows; Jacquie B Airshows; USAF Heritage Flight; U.S. Air Force Heritage Flight Foundation; U.S. Air Force Air Combat Command/A3; Precision Exotics	Christopher Van Stelle 858-577-4258
09/28 – 09/30	Great Bend Airfest	Great Bend, KS		
09/29 – 09/30	California International Airshow	SNS Salinas, CA	U.S. Air Force Thunderbirds; Ace Maker Airshows; vicky benzing aerosports; Vampire Airshows; Mustang High Flight, LLC	Don Chapin 831-754-1983
09/29 – 09/29	Leesburg Air Show	Leesburg, VA		
09/29 – 09/29	Auburn Airfair	Auburn, CA		
10/05 – 10/07	Ranger Airfield Fly-In & Airshow	Ranger, TX		
10/05 – 10/07	San Francisco Fleet Week	OAK San Francisco, CA	U.S. Navy Blue Angels; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle	Steve Teatro 503-819-6480
10/06 – 10/07	WWI Biplanes and Triplanes Air Show	42VA Virginia Beach, VA	Military Aviation Museum	Chris Vtipil 757-233-6556
10/06 – 10/07	Maryland Fleet Week and Air Show Baltimore	MTN Ft McHenry, Baltimore, MD	A-10 Demonstration Team; U.S. Air Force Thunderbirds; CF-18 National Demo Team; USAF Heritage Flight; Scott Francis Airshows; GEICO Skytypers Airshow Team	Ken Ashmore 714-783-6156
10/06 – 10/07	Red Bull Air Races	Indianapolis, IN		
10/06 – 10/06	Livermore Airport Open House & Air Show	Livermore, CA		
10/06 – 10/06	Angelina County Airfest	Lufkin, TX		
10/06 – 10/06	Greg Koontz Airshows Annual Open House & Fly-in	AL60 Ashville, AL	The Alabama Boys by Greg Koontz Airshows	Greg Koontz 205-616-8176
10/06 – 10/06	Wings Out West Air Show	PRC Prescott, AZ	Matt Chapman Airshows; Bill Stein Airshows; Rob Holland Ultimate Airshows, LLC; Burns Barnstormers; Immortal Red Baron; Rower Airshows; Misty Blues All Woman Skydiving Team	Jerry Kidrick 928-830-4901
10/06 – 10/07	Central Coast Airfest	SMX Santa Maria, CA	John Collver Warbird Airshows; Canadian Forces Snowbirds; H-60 U.S. Navy Search and Rescue Demo	Chris Kunkle 805-350-0499

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10/12 – 10/13	Best Little Air Show in the World	TVR Mound, LA	Texas T-Card Airshows; AeroShell Aerobatic Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks	Patty Mekus 318-574-2731
10/13 – 10/14	Spirit of St Louis Air Show & STEM Expo	SUS St Louis, MO	CF-18 National Demo Team; F-16 Viper Demo Team; Skip Stewart Airshows; F/A-18C Hornet & F/A-18F Super Hornet E Demo Team; Dave Dacy Airshows, Inc.	Laura Bissonnette 314-651-5163
10/13 – 10/14	Yeager Airport & WV Air Guard 70th Anniversary Air Show	CRW Charleston, WV	Vampire Airshows	Nick Keller 304-344-8033
10/13 – 10/14	Bell Helicopter Fort Worth Alliance Air Show	AFW Fort Worth, TX	U.S. Air Force Thunderbirds; Canadian Forces Snowbirds; F-35A Lightning II Heritage Flight Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; Precision Exotics	Christina Carey 817-837-4902
10/13 – 10/14	Wings Over North Georgia	RMG Rome, GA	F-22 Raptor Demonstration Team; A-10 Demonstration Team; USAF Heritage Flight; Mike Goulian Airshows; Michael Wiskus and Lucas Oil Airshows; Smoke-n-Thunder Jet Shows; Quick Silver P-51 Airshows; Class of '45; Sky Soldiers; Jim Tobul Airshows; Patty Wagstaff Airshows, Inc.; Ladies for Liberty, LLC; Wild Horse Aviation; Twin Tigers Aerobatic Team	jlcairshows@att.net 770-856-5151
10/13 – 10/13	Culpeper Regional Airport Annual Air Fest	CJR Brandy Station, VA	Scott Francis Airshows	Tanya Woodward 540-825-8280
10/13 – 10/14	Atlanta Air Show	Atlanta Motor Speedway, Hampton, GA	Rag Wings & Radials Vintage Aircraft; F-22 Raptor Demonstration Team; Sky Soldiers	Bryan Lilley 717-583-0800
10/13 – 10/13	Claremore Air Show	Claremore, OK		
10/13 – 10/14	Vicksburg Air Show	Vicksburg, MS		
10/13 – 10/14	Minden-Tahoe Aviation Roundup	MEV Minden-Tahoe, NV	U.S. Navy Blue Angels; Kirby Chambliss Aerobatics (Red Bull); Jim Peitz Aerosports, Inc.; Ace Maker Airshows; Bill Stein Airshows; Gene Soucy Airshows	Bobbi Thompson bthompson@douglasnv.us
10/19 – 10/21	The Great Pacific Airshow	Huntington Beach, CA	U.S. Air Force Thunderbirds	Kevin Elliott 714-500-4994
10/19 – 10/21	Wings Over Houston Airshow	EFD Houston, TX	U.S. Navy Blue Angels; F-16 Viper Demo Team; Sean D Tucker - Aviation Specialties Unlimited, Inc./Team Oracle; John Klatt Airshows; Tora Tora Tora; Commemorative Air Force; Lone Star Flight Museum; USAF Heritage Flight	Bill Roach 281-579-1942
10/19 – 10/21	Florida International Airshow	PGD Punta Gorda, FL	FIGHTERJETS, INC. - Randy Ball; Vampire Airshows; Cheffitts Airshows; CAF Red Tail Squadron; Redline Airshows; LD Airshows; McCart Jet Motorsports	Mike Dallenbach / Dana Carr 941-740-0016 / 941-628-4291
10/19 – 10/19	15 Wing Moose Jaw RCAF Snowbirds Year-End Show	YMJ Moose Jaw, SK	Canadian Forces Snowbirds	
10/20 – 10/21	Huntington Beach Airshow	SLI/SNA Huntington Beach, CA	U.S. Air Force Thunderbirds; Ace Maker Airshows; Michael Wiskus and Lucas Oil Airshows; SOCOM Para-Commandos	Ken Ashmore 714-783-6156
10/20 – 10/21	Hammond Northshore Regional Airshow	HDC Hammond, LA	Misty Blues All Woman Skydiving Team; Skip Stewart Airshows; AeroShell Aerobatic Team; F-22 Raptor Demonstration Team; Ace Maker Airshows; The Alabama Boys by Greg Koontz Airshows; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Wild Blue Rodeo, LLC; Commemorative Air Force; Cavanaugh Flight Museum	David Lobue 985-277-5668
10/26 – 10/28	NAS Jax Air Show: Birthplace of the Blue Angels	NIP NAS Jacksonville, FL	U.S. Navy Blue Angels; F-16 Viper Demo Team; GEICO Skytypers Airshow Team; Patty Wagstaff Airshows, Inc.	Morgan Kehnert 904-542-1548
10/26 – 10/28	Wings Over Dallas WWII Air Show	RBD Dallas, TX	Commemorative Air Force; Ladies for Liberty, LLC	Steve Buss 214-330-1700 x108
10/26 – 10/28	Airpower Arkansas	Little Rock AFB, AR		

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I C A S 2 0 1 8 C A L E N D A R O F E V E N T S

Dates	Name	Location	Performers	Contact
10/27 – 10/27	Hangar 24 Lake Havasu City Air Show	HII Lake Havasu City, AZ	vicky benzing aerosports; Ace Maker Airshows; A-10 Demonstration Team; Jon Melby Airshows; Kent Pietsch Airshows; Smoke-n-Thunder Jet Shows	Jon Huggins 916-276-0520
10/27 – 10/27	Bonham Festival of Flight	Bonham, TX		
10/27 – 10/28	Thunder over the Rock	LRF Little Rock AFB, AR	U.S. Army Parachute Team Golden Knights; Ace Maker Airshows; Michael Wiskus and Lucas Oil Airshows; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Tora Tora Tora; Twin Tigers Aerobatic Team; U.S. Air Force Thunderbirds	Lt Col Ryan Williams 501-987-7565
11/02 – 11/04	Stuart Airshow	SUA Stuart, FL	Aerostars Formation Aerobatic Team; Vampire Airshows; Younkin Airshows, Inc.; Jim Tobul Airshows; Franklin's Flying Circus & Airshow; Vertigo Airshows; Quick Silver P-51 Airshows; Rob Holland Ultimate Airshows, LLC; Chefpitts Airshows; F-16 Viper Demo Team	Susan Cunnane 772-812-1765
11/02 – 11/03	Blue Angels Homecoming Air Show	NPA NAS Pensacola, FL	U.S. Navy Blue Angels; F-22 Raptor Demonstration Team; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks	Kathy Holmes 850-452-3981
11/03 – 11/04	SBD Fest	SBD San Bernardino, CA	Ace Maker Airshows; John Collver Warbird Airshows; A-10 Thunderbolt II 'Warthog'; Patriots Jet Team	Monette Mendoza 909-382-6068
11/03 – 11/04	Wings Over Homestead ARB	HST Homestead ARB, FL	U.S. Air Force Thunderbirds; SHOCKWAVE, AFTERSHOCK & Flash Fire Jet Trucks; Tora Tora Tora; Vampire Airshows	Henry Burgains 786-415-7474
11/09 – 11/11	Aviation Nation Open House Air & Space Expo (CANCELED)	Nellis AFB, NV		
11/17 – 11/17	Andalusia Airshow	Andalusia, AL		
11/19 – 11/20	Air Race 1 World Cup	U-Tapao, Thailand		

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