



2021 - Volume XII

In The Box

The Official Newsletter of The International Miniature Aerobatic Club



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Letter from the Editor

Rich Whitlow

Welcome to the 2021 Newsletter!

I have agreed to work as your Newsletter Editor for 2 more years. I am excited to keep you informed on what is going on. This has been a great adventure for me to learn what to do to lay out a newsletter. (and keep on everyone to get some articles in) I think in the end, the InThe Box Newsletter is a great resource for people.

But, I need someone to be Editor in Training. So, if you have any interest in possibly being a Newsletter Editor in the future, let me know! Remember, I had no experience or know-how when I started.

This issue is certainly a bittersweet issue. We celebrate the new competition year and look forward to hopefully getting to a new normal with the Covid situation, but we also mourn the loss of our past president Mike Karnes. This is a great loss for IMAC, as even though he was no longer acting as President, he was actively involved in IMAC and the upcoming events (including Nats). He will be missed, not only as a great pillar of IMAC but as a friend to many, many of us.

Let me know some of your Mike Karnes stories. Write a Letter to the Editor and I will print your story. Also, if you have a comment or interesting item or even, in general write me a letter and I will print them so that everyone can read about it.

As we get the season going, take pictures at events and even do a write-up, if you would like to submit one. I will be happy to print these events so everyone can enjoy what is going on. Just send them into me. If its too big for email, we have an IMAC drop link to submit it.

So, here's to getting 2021 off to a great start.

Let's hope we see you at a contest or hopefully Nats! I look forward to actually being face to face with the friends I have made over the past several years, but could not enjoy their company with all that is going on.

See you at the field!

Rich Whitlow
Newsletter Editor
imacinthebox@gmail.com
#IAMIMAC





Letter From The President

Doug Pilcher



Well, here we are in February of 2021 and some regions have been able to kick off the new season! Here in North Texas (SC) we are however getting our coldest weather of the winter at (as I write this) 13 degrees and snow on the ground. Clearly, I do not live far enough south! Soon enough! But Good for You if you are lucky enough to live in a region and area you have been able to begin the season.

I want to call out the volunteers who have stepped up to help me out for the next 2 years on some especially important jobs here in IMAC. As you read this, absolutely know that without Rich Whitlow, the “In The Box” volumes would not happen. Rich has done these for the past several years and has graciously agreed to continue for 2 more years. Cannot thank him enough for the hours he pours into these for our members. Then Mr. Ty Lyman who came back to the plate as Chair for the ISC (International Sequence Committee) committee. ISC is, by far, the most over worked group of people within IMAC and Ty taking back this position is greatly appreciated. Also, Mr. Phil Vance who has agreed to a new position. He felt passionate about IMAC needing an Historian to try to keep our IMAC history cataloged, in order and documented. Both past and future. Phil of course served as Treasurer since 2004 and had stepped away from that job this term but wanted to stay involved on a new task. Thank You Phil. Adi Kochav has agreed to take on another term as International Liaison for communication between the 3 International regions and the board. He continues to be invaluable to the organization. Last, but certainly not least is Mr. Primo Rivera, who stepped up to Chief Judge. He did a remarkable job with the “International Judging School” held in January and led a group of 65 attendees in the tools needed to be instructors within their respective regions. All while bringing it to virtual format due to Covid-19 and it was a huge success. Thank You Primo for taking this on!

CD's and Scorekeepers – REMEMBER to download a NEW copy of Score! as the new 2021 sequences and K's are preloaded in it for you. Please remember that we have available to members a step-by-step instruction series of downloading and prepping Score! 4.25.2 to one's computer and assuring that the latest version of Java is installed correctly as well as the prepping of a contest folder for your contest. We have linked the Score! training class given March of 2019 to be viewed at any time. These items can be viewed under Downloads/Software and again in a step-by-step procedure. To Check it out, go [HERE!](#) And click on “Software”!

ALSO, and very importantly, please remember the new and Active forums for IMAC are located [HERE!](#) This is where all club business and discussion is happening. We need to get all members and registered users over to the new forums. This does not however integrate with the main website. So, you will need to register on the new forums with your given name so we may verify to the main website. Aliases are unable to be cross referenced in many cases thus the need for proper names. Click highlighted link earlier in this paragraph or go here. <https://forums.mini-iac.org/>

And as always, if you have something you would like to see added, never hesitate to contact me directly at contact information below.

Doug Pilcher
president@mini-iac.org
903-647-2640



Notes from the Officers



Vice-President
Alex Dreiling

Greetings from the desert! It's my favorite time of year as the weather here in Arizona is a perfect 73 degrees, sublime climate for flying every weekend with anticipation for upcoming IMAC events.

The first event to kick off 2021 was virtual international judging school in January. We had a tremendous turnout and focused participation from all in attendance. A huge thank you to all the instructors, especially Primo, for showing up and dedicating your time and energy to that event. You are very much appreciated.

I'm thrilled to be the new Vice President for IMAC! I look forward to working alongside Doug to keep making IMAC the very best it can be. I also look forward to working with each region and being a support however I can. I've been around flying and building RC for a long time and plan to put my experience to work.

With 2020 having been such a tough year on so many, my hope is that our community can find some fun and escape from the day to day with every congregation on the field! I hope to see you all out enjoying this amazing hobby and feel free to reach out to me if

there's anything I can help you with. May everyone enjoy the weather, the flying, and the community IMAC is so well known for. Have a great 2021!



Treasurer
Jim McCall

None submitted.



Secretary
Rick Crow

Welcome to IMAC 2021

I look forward to getting back to flying this year after our semi pause last year. I also look forward to serving as your IMAC Secretary. As I write this we just came out of -22 degree temperatures and -45 degree wind chills so the season seems a long way away.

We are working to get membership cards sent out to all new and renewing members as soon as practical. Also your Board of Directors is working to make this season a great one for all regions. Please make sure you sign up for local regional events as you contest directors appreciate knowing who will be there well in advance.

Thanks

Rick Crow
IMAC Secretary

In Memory of Mike Karnes

Mike Karnes passes unexpectedly....

It was such a shock and a devastating blow to lose Mike Karnes on January 1st, 2021. It was due to complications related to COVID-19. He had been fighting the disease at home and was in the hospital for a week and a half before succumbing to the virus.

Mike was extremely dedicated to IMAC, serving as the President for the last 6 years, and as North Central Regional Director for many years prior to that. Mike served on the Sequence Committee, and for the past several years had been the IMAC Librarian, ensuring all contests had Unknowns delivered, and keeping the Sequence committee running. He was the Event/Contest Director for the Scale Aerobatics Nationals for 6 years until 2016, and for the 2018 Worlds. His love and passion for IMAC seemed endless in his dedication to furthering the sport of Scale Aerobatics. His leadership helped carry IMAC from a North American focused organization, to a truly International organization. And many do not realize that nearly all IMAC's graphics were created and or fine tuned by Mike who spent over 30 years in the graphics and printing business. Printing our Red Book insert rulebooks for many, many years. I literally could write 5 pages about what Mike had done and worked on over just the years I had worked with him.

It goes without saying that what I learned about IMAC, and the help I needed with learning and running the South-Central region, I learned from Mike Karnes. He was North Central RD in 2014 when I came in. Mike was the first to offer his assistance to me in any way shape or form. He simply said, "ANYTHING you need, then ask, and I will help you with it"! I can not thank him enough for all he did for me individually learning my duties as a regional director and beyond in the world of IMAC. It was a privilege to work with him on many projects in the

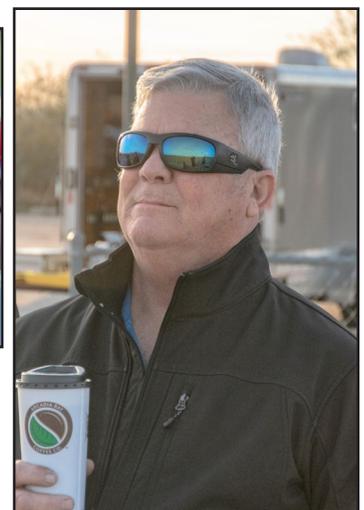
almost 7 years we were on the board together. In that short time, I was also thankful for the friends we had become and will miss that, and him greatly.

Mike Karnes, you will be missed but IMAC will not forget you nor the many family and friends you left behind.

May you Rest in Peace and "All 10's" to you sir.

[If you would like to leave a note for the family, you can do so here.](#)

Doug Pilcher



Toby's Shop Talk

By: Toby Silhavy



The last plane Mike ever flew was my EXTRA, I'm proud to say he was my friend and I'm so proud of the job he did with the plane. Remember how precious life is and remember the loving bonds we make through our lives. IMAC is not just about flying or scores, its about our path in life to make ourselves happy and to enjoy the same interests with others. Remember its not the destination that counts but the journey to get there.

Toby....

This article has little to do with building airplanes. It has more to do about building friendships and showing the positive relationships due to IMAC. As you may have learned, we are mourning the loss of our friend Mike Karnes. I've known Mike for more years than I can remember. We would see each other at contest and laugh and joke around. Mike was a pretty good pilot and an even better organizer and judge. In the last couple years, I've heard Mike state he was going to downsize into a 35% size aircraft. We talked a couple years ago at the regional finals about doing a 35% extra and he would build it with the hopes of me kitting it. I never really knew how good of a builder he was until this project. We talked a couple times a week during the build season and he and I would tweak the kit until the parts were beyond my dreams for ease of building and lightness.

In the end he finished the 35% EXTRA 300, and then he started sending me pics of the covering. I was awe struck when I found out he wrapped the whole plane in a beach scene. It is beyond beautiful. Well, the designing bug bit me again and surprised him with another extra kit. Little did he know it was the plane he loved and that was the extra 260. He had done so much to lighten it I couldn't believe it. He had cut 4 lbs out of the plane to get the total projected weight to 24lbs! I was so awestruck every time he would send me pics of the plane being weighed.



Education: Rule Book

By: Oliver Soto

I hope this article finds you and you loved ones healthy and safe.

2020 was a rough year. Most of us lost loved ones, some related to COVID-19 and some to other causes. 2021 is not going much better, but there is a light. It is improving indeed.

But even under the light of the current health breakthroughs promised by the time this article was written, and which should be enforced by the time it's published, most likely there won't be as many contests held as we wanted to.

But let us begin here:

First allow me to quote Rich's wise words: "If I meet someone who is interested in IMAC, I am the one responsible to explain IMAC in such a way that they walk away with a positive opinion of IMAC"

Now that it comes to this, I really think we IMAC-ers are "newcomer thirsty", and to avoid scaring away any new competitors, we relax some aspects of the sport.

But with the explosive growth IMAC is having in the international arena, we must make sure newcomers understand the only way to improve and ultimately to win, not this but any type of contest, is doing so by the rules.

Have You ever noticed how much attention pilots pay to Aresti?

The most usual view you will get at any given contest is pilots studying an Aresti flimsy.

Pilots studying an Aresti flimsy everywhere. That raises the spirits, doesn't it?

But have You ever tried to get your hands

on a printed copy of the rule book during that same contest? If I had to make a guess, I'd say that's hardly ever an issue, not because there are many, but because very few pilots ever ask for one, no matter which class they fly at.

Please allow me to stress the deep importance of the implications here: the Aresti flimsy shows the general shape for just 10 maneuvers. Isn't it funny how somehow, it's harder to remember those 10 maneuvers than the dozens of rules dictating how each is to be performed?

I'd like to make clear the following is not a problem for some pilots, but it is for a lot of others and by the end of the article I'll explain how this problem will plague everyone's final placement at any contest.

Back to the point, let us walk a bit more through some more implications and their consequences:

For Basic Class the only maneuvers not required to be flown are snap rolls, rolling turns and tail slides. This means a basic pilot must know just about 95% of the rules described (in excruciating detail) in the rule book.

At this point I would like to draw an analogy between our sport and other popular sport: In basketball, players know the rules. I get it: they get paid top dollar to do so.

But let's scale it down a bit: Regional amateur basketball leagues are usually played by unpaid players. Even then, they will hire a referee that will make sure the game is being held fairly and enforcing the rulebook.

If we scale it down even further, say to kindergarten level, you will get to see small kids playing with a fair

understanding of the rules. You just won't see many 7-year-olds kicking the ball around the court during the game.

It must be emphasized that any newcomer to any sport is expected to know at least most of the rules even if it is just her / his first matches. As the newcomer improves through time, it is expected of him to refine his knowledge of the rulebook as well.

I know, I know...

It is already hard to get many new pilots as things are to now ask them to major in IMAC just to compete in Basic class.

The issue is: a lot of times things do not improve a lot for the upper classes.

The real problem here is we rely on pilots to judge their peers flying other classes, but under a system that was set since early in their IMAC careers: they focus much more in Aresti rather than the rule book itself.

Going back to the basketball analogy: what would happen if we could get to see Michael Jordan playing again to a level matching that of when he was in his prime, but with a set of referees that do not know extensively the rules? Most probably the opposite team would take advantage of this and hit him as hard as they can, hurt him and we would just never see the magic happen (Remember that old hard-a-bit-too-violent style the Pistons had back in the 90's?).

Same goes here: what is the point of having one of the IMAC top pilots (pick any name you want, or place your own here for that matter) if the judges just don't know the rules deep enough to notice those fine details of the flight that add up K points to those small point gaps between pilots after 6 sequences?

REALISM OF SNAP ROLLS

I have heard pilots from several classes heatedly discussing whether a snap roll looks realistic or no, leaving aside different kinds of full-sized aircraft have completely different looking snap rolling features (Say, between an Extra 300 and an RV 4), and worse: leaving aside the concept and physics behind an actual stall which ultimately will lead to a snap roll.

Another clear example of a common misconception is Airspace control score which tends to be discussed under the light of very different grounds, but when asked few to none of those involved in such chat know the actual content of the rule leading to a full day of scorings sent to the score keeper with airspace control scores that worked against some pilots and benefiting others under a questionable criterion.

Even more: what exactly are pilots improving after hundreds of practices if they do not know the exact criteria to each maneuver?

As promised at the beginning of the article, here is why this is a problem for every contestant at any given contest:

For a pilot that trained for months without ever opening the rule book, there will linger a sense of (undeniable) hard training, but: did he make use of the correct criteria throughout his training sessions, during the scored sequence and will he make use of it to fairly assess his peer's performances?

There are literally dozens and dozens of rules for individual maneuvers. Some rules are recurrent (say rotational elements centering in straight lines) but others are meant for a single specific maneuver (the pivot movement for a hammerhead)

To make sure those rules written down in a beautiful little book are not to peacefully be beaten into oblivion, we need to promote a sense of awareness around criteria for newcomers and for seasoned pilots as well. We need to raise a culture of rule book carrying and reading.

But this is a tricky one. Having a seasoned pilot corrected at some point will hurt his self-esteem or will make him feel straight-down angry. We all have been there.

The key point here is to do so in a polite way that will not just make someone storm out of the league or scare anyone away with the ultimate goal of not needing to do so in the future.

If it comes to analogies, they need to understand that if anyone is to ever win a chess tournament, most likely they should strictly stick to the specific set of rules for chess games. Trying to win by shooting down all of the opponent's pieces with a sling shot or a fancy rifle just won't work.

There is a saying that works perfectly for any field of knowledge, culture or sport: "the eyes won't see what the brain ignores."

Once again, not every IMAC flyer thinks or acts this way, but take a good look around and ask questions. Chances are you'll find a great deal of rules knowledge at big contests, but maybe not so much in regional ones.



Somehow the rules reading has been left to judging schools and the IMAC scholars are the ones to take care of it.

This is a cross cutting issue for contests and contestants that we must address and work from where it is up.

We can rest assured the world's IMAC community is one of the best around and in time they will understand the true importance of knowing the rules by heart.

Oliver Soto



What does this mean? Where did this come from?

I was enjoying some great live music (Samantha Fish & Johnathon Boogie Long) in downtown Baton Rouge, and I noticed a bumper sticker on the wall of the club that was leftover from a Baton Rouge Downtown marketing campaign. The bumper sticker said #IAmRedStick. This caught my attention and I started to think about what that message means, or could mean. Then an idea was born.

We all see the finger pointing all over the online world exclaiming what is so wrong with IMAC. We do it on Facebook, we do it on the Public Forums and we do it on the IMAC Forum pages. Everyone has an opinion of what Somebody Else can do to make IMAC better. When the truth is every face to face IMAC event and IMAC competition is typically a wonderful experience.

What is the disconnect?

I believe that what it boils down to is it is up to each and every one of us to take responsibility and say "I Am IMAC"! If I think something needs to be done, I am the one to make sure it gets done. If I meet someone who is interested in IMAC, I am the one responsible to explain IMAC in such away that they walk away with a positive opinion of IMAC. IMAC and IMAC competition is not for everyone. But, there must be a positive message presented to one who is new to IMAC so that they can determine if IMAC is what they are looking for.

It is imperative, if we want to continue to grow as an organization (and yes I meant to say continue to grow!) that we highlight the positives of IMAC and we not only present them, but we believe in these positive aspects. It is obvious when you are speaking with someone, if you do not believe in what you are saying. Especially when it is something that so many can be passionate about. Every post, conversation and comment can potentially influence someone or change someone's mind about IMAC and what it is about. In just about every little informal survey I have done, the number one thing that pilots say is key to why they continue to fly IMAC, includes the fact that the people are great and they love their IMAC family. So, when someone new is asking about IMAC let's be one of those great people and let's highlight this to them. Its easy.

Lastly, take pride in what IMAC is. This is an International Family of great people, who happen to love RC Aerobatics. That's it. Wear your IMAC shirts with pride, your IMAC hats, your event shirts and take offense when someone is talking down your IMAC. There is a place for constructive criticism, but in the Outrage Happy world, it is easy for people to cross the line from constructive and destructive. Ask the person (or yourself) what positive thing will this comment do for IMAC. If no positive aspect can me accounted for, then maybe that comment should be left unsaid or typed.

So, now you know. Tag yourself and others. Raise up those doing positive things for IMAC and question those that are not doing things that will ultimately help our beloved sport.

Rich Whitlow
#IAmIMAC

Regional Reports

Latin America Regional Director Oliver Soto



Practices will be ditched even if it is just for a while: meetings in closed spaces, dining in large groups, unnecessary tourism, and sadly also big IMAC gatherings, or any other kind of big gatherings for that matter.

It is my belief we will need to enforce new safer practices instead.

But among the bad news, there are new opportunities to develop our sport. During the last 17 months, since well before the pandemic started, Latin America region has been holding continuous online meetings on a weekly basis.

Knife Edge Software graciously granted us permission to make use of their Real flight simulator to generate graphic aids to help improve our educational program, and boy has it worked! Lastly, there was an International Online Judging School successfully put to work by Primo Rivera.

So, we look forward to more positive things for 2021.

Oliver Soto

European Regional Director Manrico Mincuzzi



None submitted.

South Central Region Amanda Darling



Welcome 2021 IMAC Season!



I would like to first introduce myself as Amanda Darling the new South Central Regional Director. I have been flying IMAC for three years and have loved every aspect of the hobby. I enjoy the camaraderie of like-minded fellow pilots. We learn, we laugh, we joke and help each other out in every way from tips about flying to helping set up or fix an airplane, sometimes lending a plane to fly.

The 2021 season is approaching quick and will be underway before we know it. South Central has a fantastic line up as well as a new contest brewing in south Texas.

San Antonio Texas October 9, 2021

I encourage you all to support these contests in an area that has not seen IMAC in many years. We will officially start the year off with our first contest The West Texas Challenge in Odessa, Texas on March 27, 2021.

Lastly, do not forget that the heart of what we do revolves around judging. As a judge and competitor, we need to be knowledgeable on the judging criteria. This makes for a better judge and better IMAC pilot. We will be holding our South Central judging school in Sherman, Texas March 20. Make plans to be there!

Severe Clear!

Amanda Darling
SC Regional Director
District VIII AVP
District VIII Contest Coordinator



**Northwest Region
Gale Vasquez**



IMAC in the NW region

As of now, in the NW region, we have 10 contests on the schedule with 4 of the 10 being held in our neighbors backyard of Canada. I know of several pilots working on freshening up their contest planes in preparations for contests this year, and a few others are working on building and completing new planes for this year. Here in the NW region, the weather has not been our friend. As of today, February 13, 2021, we have snow on the ground along with the bitter winds and below normal temperatures. Unless you have skis on your plane, and are in full winter arctic gear, you're probably not flying anytime soon in the NW region. Hopefully this will clear up, and warm up, in the near future so we all can get some much-needed practice in before the first contest. I know we all want to be out flying but until then, please keep safe, mask up and pray for sunshine.

-Gale



**Northeast Region
Dave Dupre**



None submitted.

**Asia-Pacific Region
Michael Hobson**



None submitted.

**North Central Region
Toby Silhavy**



Hello all North Central IMAC pilots!!!! It feels like it has been forever since we seen each other last. The ARD's and myself have been working hard to make this a successful season! We have been meeting every few weeks via the internet and have a lot in-store for this year. As you may have heard, we have lost one of

our own. Our friend; Mike Karnes, has passed due to complications of Covid. We all mourn the loss of him, but at the same time I think about who Mike was and how he would want us to continue after his passing. I know for one thing; he would want his contest to continue and he would want us to celebrate his life by laughing and having a good time razzing each other.

With this in mind, I will be hosting the Mike Karnes Memorial Challenge May 15,16 2021. We will be using the event as a charity fundraiser for Mikes family and will have their family present for a special presentation at 5pm on Saturday. Of course, we will be having our own Chefs Rob and Cheri Willis present us with a very special lunch/dinner on Saturday and also lunch on Sunday. The fee for the event will be \$40 for IMAC pilots/\$60 for non IMAC pilots and the gourmet weekend will be an additional \$30 for pilots only. All spouses and children are free!!!! And 100% will be donated back to the family. For those who cannot attend or those who want to help participate from afar can send funds via PayPal to myself (torqueroller2000@yahoo.com) and I will present them on Saturday evening on your behalf or you can help fund the gofundme account that is assigned to Mike Karnes name. Remember 100% of your donation will go to the family.

Weekend Picnic Menu

Saturday Lunch 11:30 to 1:30
"Chicken Burritos"
 Pellet Grilled Chicken Breast
 Pico de Gallo, & all the Fixings
Saturday Dinner 6:30
"48 Hour Spaghetti"
 Roasted Tomato, Garlic and Herbs
 Seared Sweet Pork Sausage
 Italian Seasoned Rough Cut Salad
 Garlic Bread
Sunday Lunch 11:30 to 1:30
"Willis' " Smashed Burgers!"
Seared Beef, Caramelized Onion
 #1 Favorite - American, Lettuce, Pickle & Thousand Island Dressing
 #2 American, Pickle, KM & Mayo
 #3 Your Way **Waffle Fries !!**

Meal Package Special
 Includes: Saturday lunch, Dinner & Sunday Lunch
 \$40.00
 All proceeds will be Given to the Karnes Family
 Everyone must pre-pay prior to Monday May 10th to have this meal package
 PayPal
 torqueroller2000@yahoo.com
 All Donations are Greatly Appreciated!

With the upcoming season, we need to have CD's post their info on the North Central page so we can get the dates finalized. We will be having a short CD meeting via Gotomeeting (can be accessed via phone or internet) in the near future. All CD's will have an email sent to them on how to log on or call the meeting (its very easy). We also will be having our judging seminar via the internet this year and we will be having a special basic class/novice class introduction. The novice/basic class will be held April 8, 2021 between 7-9 PM. This will be a great introduction to new pilots or for pilots that participate in the basic class. We will also be having our regular judging seminar April 24-25, 2021 between 9-1 on both days. We will also be having several primers in the district for one-on-one flying. Please be looking at the North Central page and also the North Central forum for more information. I would like to thank Bill Teeter and all of the ARD's for all of their help this year in all of the preparations we are doing for the judging school and the event calendar!!!!



SE,

Hello my dear South East IMAC friends. I am excited to be your Regional Director for the next two years once again. Last year was very challenging but we managed to have a few contests around the region. I want to thank those who did run a contest in 2020. We manage to have a fantastic Regional championship combined with our counter parts F3S jets. The South West Extreme RC club in Coolidge Ga allowed us to have Regionals there, it was the first time they have hosted any type of event, and the club went beyond my expectations.



I am looking forward to 2021; my plan is to have a full season including the point's race that so many pilots look forward to each year, I know that concerns are still high with COVID19 and that is to be expected. I know that a contest CAN! Be held if we all work together and plan. Our season opener is in Ocala FL. I hope to see many of you there. I will be working closely with the CD's to ensure all guidelines are being followed to keep everyone safe from the virus.



Guys and gals, I cannot wait to get flying again this season! If you haven't heard this year's Nats will be named in Mike Karnes memory. I would love to see as many people there as possible and remember how much dedication Mike spent for the Nats every year. We are tentatively planning on a brick dedication on the AMA walk of fame in Mikes name. Please clear your schedule if possible and let's have a great time this year at the Nats!!!!

Here are some pictures from Regionals:



Toby Silhavy
North Central Regional Director

Upcoming Events

March:

6th - IMAC Bootcamp - San Antonio, TX
6th - 2021 Northwest Region Judging School - Othello, WA
13th - Ocala Flying Model Club Spring IMAC Contest - Ocala, FL
13th - Tucson IMAC / F3S - Tucson, AZ
20th - South Central Judging School - Sherman, TX
26th - IMAC Israel Judging School - Jerusalem, Center Israel
26th - IMAC Israel, New Beginning - Nitzana, South Israel
27th - West Texas Challenge - Odessa, TX
27th - Cactus Classic at Felix Ranch - Florence, AZ

April:

8th - Online Introduction to IMAC & Intro Judging - Ohio
9th - Miami IMAC - Miami, FL
10th - Spring Judging Session
10th - Mocksville Spring Classic - Mocksville, NC
10th - Grizzly Bear IMAC 2021 - Richland, WA
10th - Hemet IMAC - Hemet, CA
24th - First Coast IMAC Competition - Jacksonville, FL
24th - Online Judging School - Ohio
24th - Salinas IMAC - Salinas, CA
30th - IMAC Israel, Spring Day 2021 - Nitzana, South Israel

May:

1st - 2021 Pegasus FMAC IMAC Classic - Hagerstown, MD
1st - SC-SW IMAC Smackdown - El Paso, TX
1st - Creston Valley IMAC Competition - Creston, BC Canada
1st - Oakdale IMAC I - Farmington, CA
15th - RC Barnstormers Aerobatics Fun Fly - Hillsdale, KS
15th - Riverside IMAC Contest - Perris, CA
28th - SMFC SE vs NE Region Shootout - Tabor City, NC
29th - 3rd Annual Panhandle IMAC - Pampa, TX
29th - SCRCMC - Spring IMAC - Calgary, Alberta Canada
29th - Bear Mountain IMAC - Bakersfield, CA

June:

5th - 2021 Granite State IMAC - Concord, NH
5th - Tulsa Gluedobbers Annual IMAC - Broken Arrow, OK
5th - 24th Annual Spring Classic - Land O Lakes, FL
5th - "Big Bob" Memorial Classic - Medford, OR
11th - International Steinlin IMAC Trophy - Sitterdorf, Switzerland
12th - ESAC Jack Stoval IMAC Challenge - Vienna, MD
12th - West Coast Aerobatic Challenge IMAC - Walnut Grove, CA
16th - Mike Karnes National Championships - Muncie, IN
26th - Mid-Michigan IMAC Contest - Jackson, MI
26th - Broxburn Field - IMAC 2021 - Lethbridge, Alberta Canada
26th - Weaver's Field IMAC Challenge 2021 - Othello, WA
26th - LAMA IMAC Challenge - Dacono, CO

Why Join IMAC?

The International Miniature Aerobatic Club (IMAC) is an organization dedicated to sport of radio-controlled Scale Aerobatic competition. IMAC operates under the auspices of the USA's Academy of Model Aeronautics (AMA) with a designation as the Special Interest Group (SIG) for R/C Scale Aerobatics. While it's origin is American, the scope of IMAC operations now extends to over 15 countries throughout the world and continues to grow daily.

IMAC members are people just like yourself that love to fly scale aerobatic planes. Like any worthwhile endeavor it takes focus, energy and passion to succeed in this sport. As a pilot, you spend hours learning sequences, tuning your plane, or learning how to do the "perfect" spin entry. You pack up and head out to a contest all ready to compete head to head with your fellow pilots. It's great so far but think about it...what is going on behind the scenes?

- * Who organizes this stuff?
- * Who sets the standards so that all events operate on the same level playing field?
- * Who helps write and maintain the rules that we all fly by?
- * Who develops the judging schools and training programs?
- * Who actually writes, refines, and publishes the known sequences you so diligently practice?

It's IMAC – International Miniature Aerobatic CLUB

Yes a CLUB...people like yourself all contributing to the sport with their time, resources, and passion. If you are serious about flying scale aerobatics, IMAC membership is your way of giving back to the sport.

Yes...you get benefits like discounts off entry fees at every event and the ability to compete with other pilots in your class across your IMAC region for annual bragging rights. You get access to the full IMAC website including contest calendars, buy/sell classifies at no charge, and a full forum for sharing information with your fellow pilots

Without an international organization like IMAC, the sport of scale aerobatics as we know it may disappear! All of the activities of the organization are focused on making the sport better whether through national judging schools, holding monthly phone conferences, working with the website, working with vendors that contribute to IMAC and these activities cost money. As a not-for-profit organization, IMAC depends on it's members. Regardless if you are in the US/Canada or somewhere in the rest of the world, the sport needs you to be part



Joe Thibodeau & his father David

Join with the rest of us and support scale aerobatics!

If you fly even a few events throughout the year, you get your money back through event entry fee discounts but more importantly - you support the sport. It doesn't get any better than that!

www.mini-iac.org