



Propwash

**FEBRUARY
2020**

Since 1978, the voice of the Imperial R/C Club

www.ImperialRCClub.com

The IRCC President's Points

By Jerry McGhee – President

We are off to an excellent and exciting 2020 and we're only on month #2 of this year! Thank you all for being great members and making the IRCC a great fun and safe place to fly!

Due to events in March 2020 we will be pushing up the March 2020 meeting to Saturday FEB 29, 2020 (Leap Day) as it is important that we meet and discuss club business. Please pass the word to everyone you see at the club!



We have held our first two events this year!

- The Florida eJet Fest International which was attended by 46 pilots February 6-9, 2020 which included pilots from across the United States, Austria, England and South America!
- February 22, 2020 members of the IRCC participated in the 10th Annual Planes, Trains and Automobiles show at the Plant City Airport and by all accounts it was a great time had by all in attendance!

March 2, 2020 is the deadline to file your comments to the FAA about their new proposed rules. If you haven't commented to the FAA on their proposed rule for restriction to our model aviation hobby, please do so! We have set up links on the IRCC website with information from the AMA and how to make your response be heard. Your comments will be heard, but you must keep the comments constructive and don't just call the FAA stark

raving idiots for plowing into our hobby (even though that's what they're doing.). Silence equals complicit behavior. Let your voices be heard!

As we close out the month of February and turn to March, we have some more exciting events that are favorites of most of the model aircraft community! Please sign-up and volunteer! No matter how much time it is! WE NEED YOU! The SAE and Florida Jets promise to be very big money generators for our club, but we can't do it without you! Please sign up and volunteer with David DeWitt. He will be actively recruiting via email!

- March 5-8: SAE International Aeronautics Competition at IRCC and Paradise Field
- March 11-14: Florida Jets at Paradise Field in Lakeland.

We have filed our 501C with the IRS and our check has been cashed by the Federal Government. I will be making a motion in the next meeting or two that we have an update to the By-Laws and that the President give a State of the IRCC at each January meeting with affirmation that we have renewed our 501C each year with the IRS and that the club is in good standing.

The 100 RC Missions Over Florida is alive and well and we are generating lost of sorties, which seems to be keeping the membership alive and well! Even if you get your "100", please keep logging your sorties throughout the year as it is interesting to see the number of sorties that get logged by our members! In 2019 there were 4,760 sorties logged! With the FAA trying to destroy our hobby, it's little things like keeping the flight log that may help our hobby let our voices be heard so these knuckleheads in Washington see just how active we are and passionate about this hobby!

As a reminder, please do not fly over our northern boundary, which is the Se7en Wetlands and a bird sanctuary just north of our field. Members of the IRCC met with Ms. Sarah Malone on Thursday, February 6, 2020 when, yours truly, flying in a 22mph wind with my "Raff Special" F-22 had the hatch blow out in flight, pulling the esc and battery away from the motor and the aircraft get blown into the Se7en Wetlands just across from the boundary swamp/revene. As I went to see if I could spot it from our side of the property a truck pulled up on the Se7en Wetlands side and a woman got out and recovered my plane and brought it back to me at the IRCC. Turns out, it was Ms. Malone! She was very nice about it and it was a fortunate event for us to meet. I was able to show her last month's article and she was able

The IRCC President's Points (Continued)

to meet the members that were at the field and we all reassured her we would not intentionally fly over the field. She seemed pleased with the information she received, and we parted on good, positive terms.

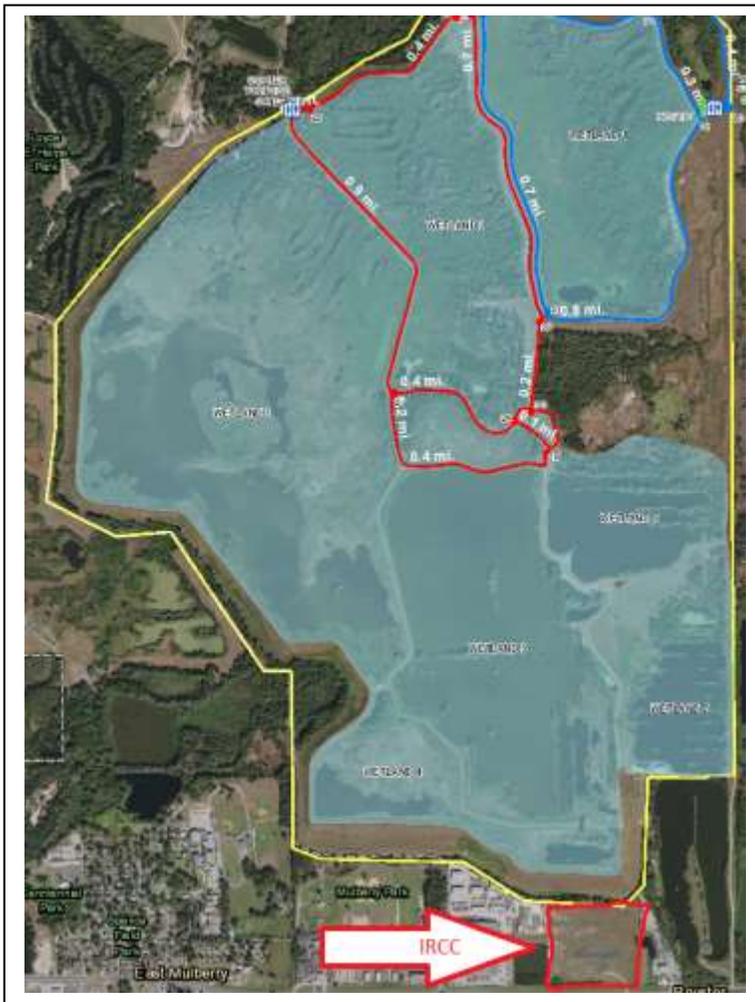
At the end of this article is a map of the Se7en Wetlands and at the bottom of the map is our 26-acre IRCC field so you can see the proximity to this area. Ms. Sarah Malone is the Wetlands manager, in her email she stated "I'd like to respectfully request that users of the R/C club attempt to avoid flying over Se7en Wetlands property. Se7en Wetlands is home to a large variety of birds, some of which are considered threatened by the state or federal government. Remote/radio-controlled aircrafts and drones can disrupt bird feeding, resting, mating and nesting activity. It has been shown that parent birds may even abandon existing nests if they are disturbed repeatedly. Now through May is a particularly critical time of year for bird activity as it is the winter migration season and the beginning of nesting season. Bird watching is a popular activity at Se7en Wetlands and we are a common destination for bird enthusiasts. Please help us protect our bird population by limiting activity over Se7en Wetlands." This will take all of our members to help with this matter. Awareness is key.

Club hats are being reordered and should be available in April/May 2020.

Thank you all for being awesome and taking care of business and being great RC modelers! It is truly an honor to be your President and I enjoy flying with you! I hope you all have a great holiday season from now through New Year's!

Get out to the field, be a friend, keep your wings level with the horizon and hit whatever you're going to hit as gently as you can! See you at the field!

Sincerely,
Jerry McGhee
President, IRCC



Se7en Wetlands Park is part of a 1,600-acre area in Mulberry (just south of Lakeland) comprised of marshes, swamps, and lakes. The Gopher Tortoise trail head, accessed from Loyce E. Harpe Park, offers runners and walkers a 2.9-mile trail loop and The Wood Stork trail head, accessed from Lakeland Highlands Scrub, features a 2.4-mile loop. If you park at Lakeland Highlands Scrub, follow the Se7en Wetlands Connector Trail (1.5 miles). Both trail heads have restrooms and water fountains.



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IRCC MEETING MINUTES

Saturday February 1st, 2020

Recorded by Club Secretary - Jim Giallombardo

The Pledge of Allegiance was recited by 30 attending members.

Meeting to Order: The monthly meeting of the IRCC was then called to order at 10:00 am by President Jerry McGhee.

New Members and Guests: IRCC welcomed new members Art Channing, Dale Hartwell, Paul Sexton (returning), Bob Sexton and visitor Ken Stedman. Guest Chuck Gore from the PTA will speak later about the upcoming Plant City event.

Awards and Certificates: Chris Trumble received his Sportsmanship award for January 2020 Richard Moffatt received his Model of the month award for January 2020. No member received the 100 missions patch this month.

Minutes: A motion to accept the January minutes as posted in the club newsletter, Propwash, was made and accepted.

Treasurers Report: Gary Snyder reported the club is off to a good start for 2020 with a positive balance. The income is greater than the expenses.

Membership Report: We currently have 89 members. Dues are flowing in with the renewal of members and the addition of new members. The club membership continues to grow.

Field and Maintenance Report: Bill Pawl reported the generator platform has been replaced and a new battery charging solar panel has been installed to replace an inoperative one. Rough ground in the landing area has been smoothed with fill dirt and the fence line along the main highway entrance has been cleared of brush and debris.

Safety Report: Richard Moffatt had nothing to report for this month. All is going well, and the use of the throttle cut procedure is continued to be encouraged.

Instructors Report: Jeff Hughes reported that all the trainers are in good condition. He has provided a supply of instructor cards in the glass bulletin case to hand out to interested prospects.

Club Newsletter/Website: David Raff reported the newsletter is going well and to share stories for inclusion in the newsletter. Ron McKee reported the web site is progressing well.

New Field Search Committee: The search is on hold pending the completion and submission of the necessary IRS paperwork.

Old Business: Jerry McGhee encouraged members to continue with the 100-mission goal for 2020. A new log report is available for members to mark upon completing flights.

New hats will be ordered when the final 2 are sold.

Members are encouraged to go to the IRCC website and make comments regarding the proposed FAA rules. Members are asked to make comments prior to March 2, 2020. All submissions should be valid comments and not rude, improper or anything inappropriate. A link to a standard form letter is available to complete if needed.

The Mosaic Peace River site has been acknowledged as an official alternate flying site for IRCC members and will be listed so by the AMA.

David DeWitt is the POC for the upcoming SAE AERO Design international competition to be held from March 5-8th.

Gary Snyder was pleased to report the old dumpster owned by Republic Services has finally been removed.

IRCC MEETING MINUTES (Continued)

Guest speaker Chuck Gore from the Plant City PTA event related the importance of this year's event. Tech Fora, a National Scholarships foundation for the Trades, will be on site to provide information to youths interested in pursuing a career in the Trade skills.

New Business President Jerry McGhee discussed a letter received by the Seven Wetlands administration stating the wetlands is a bird sanctuary and is home to many species. It is the bird mating season and members are asked to refrain from flight over our northern border encroaching into the wetlands, in an effort not to disturb them.

The IRCC has been in arrears in filing necessary IRS paperwork to maintain the non-profit status of the club. Steve Jaworski has completed the necessary paperwork in order to reinstate the 501 c7 status back to the IRCC. A motion was made and approved by attending members to submit the filing fee of \$600.00 as required by the IRS. It is essential this filing must continue annually, or it may never be recovered again.

The gate combination has been changed as of January 1st. The code will be available upon membership renewal.

Future events: The e-Jet fest will be held beginning Thursday Feb 6-9th. It is an international event posted on both the website and Facebook. Also, fifty local clubs have received our flyer about the event. The cost for pilots will be \$40.00 for multiple days.

David Dewitt is the POC for the SAE Aero Competition which will be held at Paradise Field in Lakeland. The IRCC field will be open to competing students on Thursday and Friday March 5-6 for aircraft setup and flight testing.

Florida Jets is the biggest fundraiser for the IRCC, and volunteers are needed. Contact David DeWitt with the dates you are available to help with this event. \$800.00 approved for prizes.

Special Notice: Longtime member, Dennis Peterson will be having an open-heart procedure at the VA hospital in Tampa on Thursday Feb 6th. Please keep him in your thoughts for a speedy recovery.

Bill Pawl sold the hobby items of Chris Stutz and the family donated \$125.00 to the IRCC. A Thank You card will be sent to the family for their generous donation.

Sportsmanship Award: Several nominations were made for the Sportsmanship Award for their efforts to improve the IRCC. Bill Littlefield, Bill Pawl and Jim Giallombardo received the award for their work in clearing the fence line of unsightly brush and debris.

Bill received the award for painting and repairing the setup stands.

Andy Bolig for donating an engine hoist to lift the generator to rebuild the support stand.

Steve Jaworski for his extensive work in researching and completing the necessary paperwork for the IRS tax exempt status.

Plane of the Month: Two members presented aircraft with the vote going to Jack Buie for his work on a Dynam Folke Wulfe 190.

SAD Patch Award: Three members took their places to contest or protest crashes of their aircraft.

Al Coffee lost his 540 when it left the controlled flight space above the IRCC field, disappeared and was lost over the NW corner into lakes and swamps of no man's land. Dave Raff's Super Sportster crashed when the battery died during a split-S maneuver. Bill Pawl received the distinguished and coveted SAD Award when he crashed his E-Flite Twin Otter after inadvertently reversing the elevator while in flight.

50/50: Tommy Nolin collected \$110.00 and split \$55.00 between the club and the winning ticket holder, Bob Dougherty.

Motion to Close: The February meeting officially closed at 10:53am.

Departing Comments:

**THE ONLY TIME YOU HAVE TOO MUCH FUEL
IS WHEN YOU'RE ON FIRE!**

AWARDS & CERTIFICATES

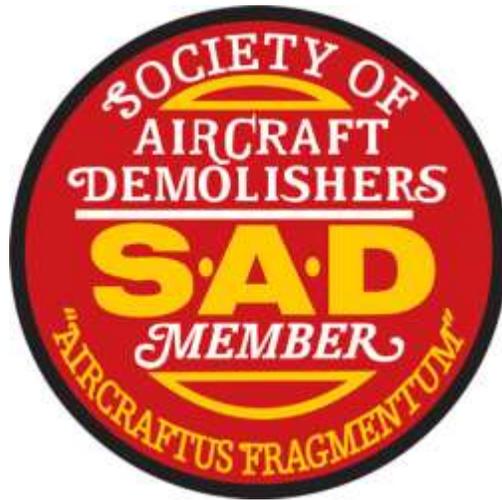
The nominee for last month's Sportsmanship Award unfortunately was not able to make the meeting so Chris Trumble will receive at the next meeting he attends.

(Right) Richard Moffatt lead us off claiming the first Model of the Month Award for 2020. Richard is shown after receiving his certificate from club president Jerry McGhee.

(Below) Although there were three contenders for this months S.A.D. patch nomination which included Al Coffey, David Raff and Bill Pawl. Bill's story won out "hands down" over the other two. Unfortunately, Bill wound up losing his new Twin Otter from E-Flite after he realized he was still in programming mode and reversed a servo in flight.



Who will be the first to lay claim to the newly designed 100 Missions Over Florida Patch for 2020?



IRCC February 2020 Award Winner

BILL PAWL

The February 2020 Society of Aircraft Demolishers “Aircraftus Fragmentum” was called to order by the President of the IRCC. Like the British sailors of the HMS Queen Elizabeth aircraft carrier arrested in Mayport, Florida for drunk and disorderly conduct, the nominations for crash of the month, er...I mean, this prestigious award, flew like haymakers! A total of three IRCC members were thrown under the bus, only to have the bus back-up and grind them into the despair of woe. Al Coffey was nominated for his 540 when it departed controlled flight and was last seen diving into the swamps of no man’s land only to become a gator chew toy! Then there was David Raff who unexplainably lost his ancient 20th Century Super Sportster that was converted to electric sometime this century and without warning had a major power outage which resulted in the impact with terra-firma! But alas! It was perhaps the hardest working member of the IRCC crew who was fortunate enough to win this month’s grand prize of S.A.D. patch February 2020! None other than Mr. Bill Pawl!

It is well known that Bill Pawl has several loves in his life! His wife, Donna, his love of the Navy, his love of working on projects at the IRCC, his love of WWII F-4U Corsairs and his love of the multi-engine Twin Otter! Bill’s drive and determination is remarkable and without reproach! He is a great asset to the IRCC and an incredible member! However, as Achilles was dipped into the river Styx, in an attempt to make him immortal, he was dipped by his heels and his heels were covered, thus, the Achilles heel is the only mortal part of Achilles and thus, making him mortal. Bill Pawl’s “Achilles Heel” in this story is that of his thumbs acting alone without any forethought from Bill’s brain during the complex adventure that is flying RC Aircraft!

The day began with Bill driving to the field, as he usually does, but with this trip, he would be performing the maiden flight of his brand new eFlite Twin Otter. The little brother airplane to his much larger, award winning, Twin Otter! The intent here would be that the little Twin Otter would be the go-to Otter for day-to-day flying to keep Bill’s skills up so he would be current whenever he flew the larger of the Otters! This was not to be!

Robert Burns wrote “The best laid plans of mice and men often go awry.” This quote is littered throughout history in tales of woe, much like this one! 😊 The meaning behind it is simple; no matter how carefully a project is planned, something may still go wrong with it; and oh boy did something go epically wrong here!

As Bill completed his final checks for the maiden voyage of his little Otter, he made final control checks and in the setting feature of his radio, he began to check flight controls for proper control surface movement, and he reversed settings where needed. The problem here, is that Bill never closed this setting parameter out of his radio, and he moved on to the next phase, taxiing out to the runway. This failure to close the programming window of control surfaces on his radio would be the “suntok ng kamatayan” as they say in the Philippines, which translates to “deathblow” in English.

As Bill pushed the throttle forward and accelerated down the runway, the plane lifted off with ease and was tracking true and straight! All of Bill’s preparations were paying off in spades and his enjoyment factor was on the rise, just like the NYSE! Bill put the little Otter through its paces, and all was well! Then, Bill decided to look down at his transmitter to make an adjustment, but when he did, he wound up hitting the elevator reverse, while his plane was in flight! YIKES! Holy Dumb Thumb Batman! Looky, looky what happens next! Any Freshman statistician at a Community College can accurately predict the probability of doom for this next event!

At the precise moment that Bill’s thumb engaged the reverse switch, his brain processed the event and as Bill’s mind jumped off the cliff, his thumb, brain and eyes could not keep up with the rapidly deteriorating situation that was the little Otter’s impending demise! Bill instinctively went to pull-up as he knew something bad had just happened, however, his instincts only exacerbated the flying condition from bad to worse! The little plane violently pitched down, then Bill tried to turn and pull back which only caused the little Otter to go into an advanced aerobatic maneuver called a violently descending lomcevak with a snap roll, aileron twist! Sounds like an ice cream at Baskin Robbins...doesn’t it? Well, the aerodynamic forces crushed the little Otter like a bug and nothing Bill could do except watch in utter horror of the Otter’s soon to be demise. Without further ado, you guessed it, the plane flipped like a homesick pancake headed to a cold tile floor! KERSPLAT! The annihilation of Bill’s brand-new little Otter was complete! And, Bill was sad! And now he’s a S.A.D. winner! HOORAY!

It is with great honor and pride that we offer this month’s SAD patch to Mr. Pawl, who has fearlessly won this month’s SAD Patch Award! It is the second noted crash of the 2020 flying season; an award that we are all subject to earning at any given time in consolation for our stricken aircraft who we bravely launch into the skies in a constant pursuit of our Constitutional right to pursue and find happiness.

Thank you, Bill, for this offering to the SAD community!

Until next month...

February Model of The Month Winner

Article by Jack Buie

The Dynam FW190 is an EPO foam RC airplane. As it comes out of the box in the Bind and Fly configuration it has a 50inch wingspan, an out runner electric motor, ESC, servo-controlled Ailerons, Elevator, and Rudder, plus electric retracts and wingtip lights. It flies with a 4cell 4000mha Lipo battery.

Dynam RC airplanes are offered at a lower cost than Eflite and Flightline models, and this is reflected in lower quality hardware. Most notably the electric retracts are not very robust. However, the Dynam airframes are pretty good, and with a few upgrades these planes can be turned into attractive reliable flyers.

Personally, I like to make my airplanes my own. I do this by repainting with a scheme you cannot buy off the shelf. I also prefer my warbirds to look "used". This can be accomplished with surprisingly little effort. An airbrush can be used to add subtle shading and weathering to go a long way from a bright shiny plane to one that appears to have been exposed to the elements and seen "action"!

A further step is to repaint the entire airplane. This can change the airplane to one of a kind that replicates a full-size aircraft, its paint scheme and markings.

Here is what I started with. Looks pretty good, but in my opinion can be improved.



The first step in this process was to decide what I wanted the plane to look like when finished. A visit to Wings Palette web site "wp.scn.r2/en/ww2/f/230/2/2" returned this.



Before starting the painting process, I installed new electric retracts, and rehinged all control surfaces with Robart pin hinges. Dynam airplanes come with no decals applied which makes it easier to prep for painting.

First step was to clean the airframe to remove residual mold release and oils from all surfaces. Next was to spray the entire airframe with Kilz white primer from a rattle can.

After allowing the primer to dry, using a detail spray gun, the airframe was sprayed with the base desert sand color along with light blue on the bottom of the wings and stab.

Next, I decided where the paint chipped areas should be and painted oversized areas with "metal" paint. Let paint dry. Then I randomly applied vaseline to these areas, followed by overpainting the vaselined areas with more desert sand paint.

After the paint was dry, using an airbrush, I applied the dark green camo paint in a random pattern over the desert sand color. When dry I cleaned the areas where the vaseline was used to mask the chipped areas.

All the markings were painted on using custom stencils that I made, with the exception of the nose art. These were decals printed using an inkjet printer.

Weathering was added to bring out the panel lines and other details.

The goofy pilot that came with the plane was replaced with an "Aces of Iron" German pilot which I hand painted using brushes and acrylic paints. This pilot really improved the looks of the cockpit. ***Here is how she looks now!***

The time required to do this paint job was well worth the effort, and I'll probably paint another. The only thing more fun than painting it is flying it! And it fly's GREAT!

Jack Buie

IRCC member

AMA member



A Letter from the AMA

Dear Members,

On December 26, 2019, the FAA [released](#) a proposed rule for remote identification (Remote ID) of UAS. There are several areas of concern with the proposed rule that AMA will push back against, and we need your help advocating for change.

Although the proposal does include AMA's request to exempt fixed flying sites, the rule should also provide community-based organizations (CBOs), such as AMA, more flexibility to establish and maintain fixed flying sites that satisfy Remote ID compliance.

Second, the rule should create a pathway for Remote ID compliance at AMA events and competitions, which might not take place at fixed flying sites. Third, the rule should better accommodate operations not at flying sites to include situations where there is no internet connectivity, because many safe places to fly are in rural areas with little or no service. Finally, the rule should not require modelers to register every aircraft individually.

The FAA is accepting comments on the Remote ID proposal until March 2, 2020. We have requested an extension to the comment period to give everyone more time to weigh in. To help us achieve the best possible outcome on the final rule, it is critically important that all who support the hobby submit a comment.

Please submit a formal comment to the FAA as soon as possible.

To submit a comment, go to the Remote ID proposal page on the federal website [here](#). Click on the "SUBMIT A FORMAL COMMENT" button at the top of the page. You can copy and paste [the template](#) into the comment box, edit it to include your personal experience, or create your own message entirely. Complete the form and click on the "SUBMIT COMMENT" button at the end. Please note that comments and information provided are public knowledge.

[comment now >](#)

Thank you in advance for your advocacy. Please listen to [The AMA Podcast](#) featuring Director of Government Affairs Tyler Dobbs to learn more about the recent regulations. If you are interested in reading a more detailed summary of the FAA's Remote ID proposal, visit our blog [here](#).

AMA Template Letter

This is a link to the AMA's template letters that you can use to respond to the FAA re: the current NPRM.



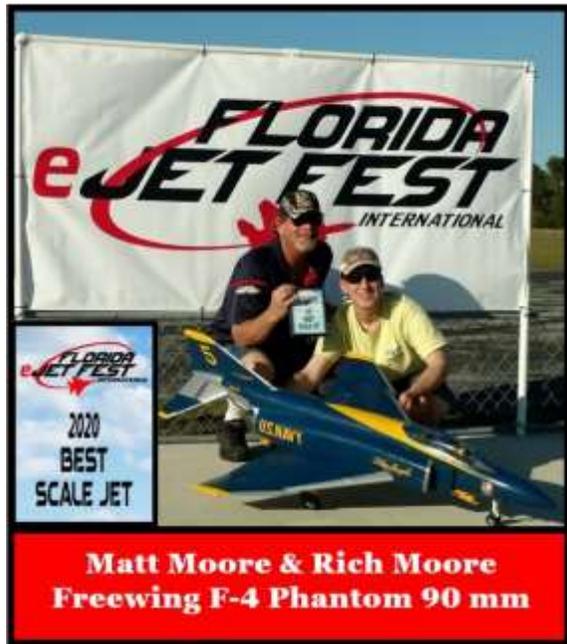
February 6-9, 2020

Florida eJet Fest International 2020 is in the books! We officially registered 46 pilots from across the United States of America and three International Pilots from Austria, England and South America! Thank you for everyone who came to fly, the volunteers who made the event and the field amazing! Thank you to our sponsors, [Frank Tiano](#) for the Zap Glue that went to every registered pilot, [Flex Innovations](#), [RCJETWERX](#) and [BVM Jets](#) for donating prizes for our raffle and putting on great demonstrations throughout the event! Thank you, Sean Gallagher, for being Air Boss! Many, many thank you's to the [Imperial RC](#) Club members who worked tirelessly to make this event great! Thank you to [Merry Boozers R/C Channel](#), [Wesley Miller](#), [Lori Elizabeth Miller](#) and Papa Dot for the great YouTube Social Media coverage! Thank you [RC Informer](#) for also putting on great show and our [AMA District V](#) VP [Andrew Griffith](#) for coming to fly with us!

The field looked amazing and I received numerous compliments on the condition of the field! Thank you, Bill Pawl and Jim Giallombardo, for mowing the whole field and everyone who chipped in to make the field look incredible for this event!

We will see you again next year! Here are our winners from this year's 2020 Florida eJet Fest International!





Matt Moore & Rich Moore
Freewing F-4 Phantom 90 mm

From Pembroke Pines, FL



Jack Murray
Freewing A-10 Warthog 80 mm

From Winter Haven, FL



Carlos Paez
Freewing Avanti S 80 mm

From Ocala, FL



Joe Budzy
20 minutes 15 seconds
eFlite Havoc 80mm

From Cocoa, FL



Kenny Canniff
Freewing Avanti S 80mm
Aircraftus Fragmentum

From Spring Hill, FL



From Lakeland, FL



From Deltona Beach, FL



Announcement and Coming Events



FLORIDA JETS

MARCH 11 - 14, 2020

EVA **ZAP**
Jets

6 Flight lines
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Located at "Paradise Field" on W. Pipkin Rd, @ 4999 Air Show Rd. Lakeland, FL.

  Registration Forms, Area Hotels and more at FrankTiano.com or 863.607.6611.
For travel and local info contact Cindy Burkley at: Cindy@Universal-Travel.com or 954.587.8490



Announcement and Coming Events

NEXT IRCC MEETING



SATURDAY
February 29, 2020
10:00 AM



SUN n FUN
AEROSPACE EXPO
LAKELAND, FLORIDA
MARCH 31 - APRIL 5

EXPERIENCE
Flight
IN

2020

March 31
April 5

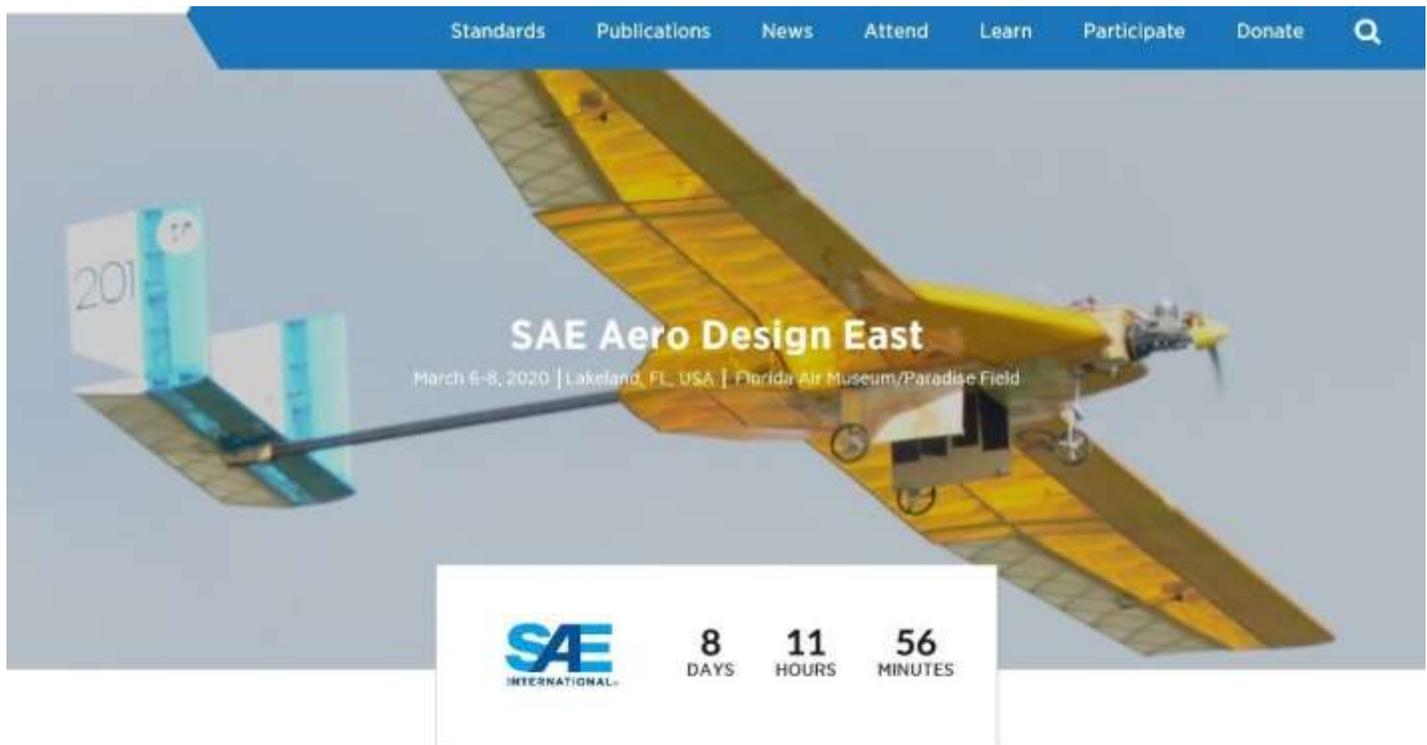
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WEARD: EDUCATE & INSPIRE THE NEXT GENERATION OF AEROSPACE PROFESSIONALS



Standards Publications News Attend Learn Participate Donate

SAE Aero Design East
March 6-8, 2020 | Lakeland, FL, USA | Florida Air Museum/Paradise Field

SAE
INTERNATIONAL

8 DAYS
11 HOURS
56 MINUTES