



# THE TRANSMITTER



THE NEWSLETTER OF THE

## JERSEY COAST SPORT FLIERS

AMA CLUB #1265, EST. 1973

[WWW.JCSPORTFLIERS.ORG](http://WWW.JCSPORTFLIERS.ORG)

ROB KALLOK—EDITOR 732-804-6082

EMAIL— ROB.KALLOK@COMCAST.NET

ADDRESS—18 BAMPTON PLACE, WEST LONG BRANCH, NJ 07764

JANUARY 2020

### HAPPY 2020!!!

Happy New Year everyone! Here's hoping you had a great holiday and had some fun with family and friends.

No big surprise here—I'm not a big fan of winter. I don't get to spend a lot of time outside, it's darn cold, and the days are so short. However there is a bright side—it gives me an excuse to spend a LOT more time in my workshop. If the weather is nice I don't want to waste time indoors, but when it's rainy and cold that's a different matter. It's building time my friends, and regardless of whether you're assembling an ARF, building a kit, or designing your own creation, it's a great way to use the time we

have until we're ready to shed the cocoons of our homes and enjoy the nice weather that's (unfortunately) still a few months away.

As it turns out, there's also another fun thing that you can do this winter— make plans to attend our upcoming **Club Awards Dinner on Sunday February 23rd**. Since last year's lunch buffet was such a bit hit we'll be doing it again this year, with the festivities starting at 2:30PM at "618" in Freehold. The dinner order form is in this month's newsletter—please try to make it as the food and comradery is great and once again it's a fun way to spend a winter's day!

Unless you've been under a rock the past few weeks you should have heard that the FAA has issued its preliminary rules for the tracking of Unmanned Aerial Vehicles (UAVs), which naturally includes everything we fly (over 1/2lb). As you might have feared the impacts to our hobby are significant and we need ALL members to get engaged in the response to this. Please check out the following link for the latest and greatest information on this situation: <https://www.modelaircraft.org/about-ama/advocacy>.

Don't forget that this month's club meeting is this **Wednesday night 1/22 starting at 8pm at our regular Eatontown Public Library** location. Naturally we'll be talking about our upcoming club Awards Dinner (plus you can sign up and pay at the meeting) and I suspect we'll have a spirited discussion about the new FAA proposal. We'll see you there!



## December Meeting Minutes

For our December meeting we had our annual Holiday Celebration. Thanks go out to all who brought snacks and drinks to share!

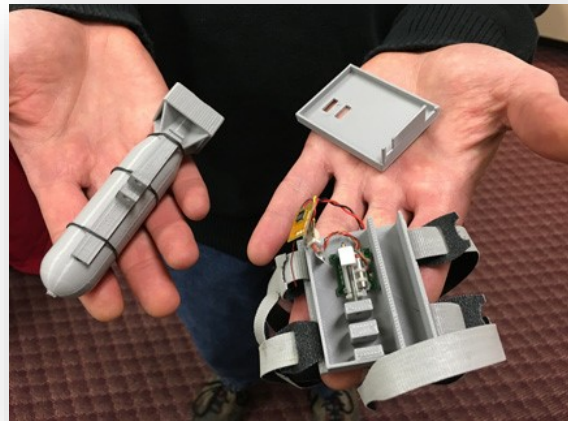
We also had elections for the Executive Board for 2020. By unanimous consent the current board was re-elected for a new term. Congratulations guys!

Gary discussed his recently completed Turkey Shoot, which was a blast. That was our last Sport Flier points event for the 2019 calendar year.

Mike Cripps and Mike Kouridakis brought in projects to show to the membership. Mike C. brought in and demonstrated his new electronic bomb drop device, while Mike K. brought in a number of 3D printed parts for his new 1/3 scale WWI project. Regarding the bomb drop device, a number of members were impressed to the point of suggesting that they be allowed as a new option for pilots to use in 2020 for those contests that involve dropping bombs. I suspect we'll see more of Mike's new devices this year!



The proud designer and his creation.



Bomb-drop can be driven by onboard receiver or connected to your plane's receiver.



Mike showing off his new 1/3 scale printed parts.



Low infill makes for very light parts.

### Santa's Training Mission!

When December shows up it's pretty safe to say the field is a pretty quiet place. Folks are getting ready for the holiday, and/or are just not into hanging out in the cold and windy conditions that are typical this time of year. So getting to see your friends and fellow pilots is not really something you get to do, which was one big reason for introducing *Santa's Training Mission* back in 2011. It's hard to believe that we've been doing this for nine years now, but it's definitely a tradition that I totally enjoy and look forward to each year.

This year the conditions were actually pretty favorable— mid 40s with a cross-wind. We had seven pilots make it out to the field, but unfortunately we had two DNFs— Darryl S., who lost the baby buggy wheels off of his Kaos, and Mike K. So that left five pilots to show Santa who deserved to help him out on his big night.

For those who don't recall the makeup of this (non-Sport Fliers points) contest, it's essentially a taxing/delivery/eating contest. Each pilot has to park their "sleigh" on three different rooftops (landing squares), deliver a present to a "house" (starting station), eat their milk and cookies, then repeat until all presents are delivered and you're back at Santa's shop. So being this is a timed contest, consisting of two rounds with a combined score giving the finishing place, there are various strategies on how to compete. Since the biggest variable comes down to eating, each pilot had different approaches on how best to consume their snacks. We also included a wild card, where a pilot could optionally eat a large snack at one house, thus allowing them to skip the snack at the next home. It was hilarious watching the pilots try to shove cookies and chocolate-coated Devil Dogs into their mouths, and often-times doing so while returning to the fight line to take off to the next house. After two rounds I think a few of our intrepid pilots were worrying about having sugar shock!

After the first round Adam had the hot hand and the quickest time of 3:58. Darryl had an issue with his landing gear departing upon landing, so he was relegated to cheering on the crew. In the second round Mike K. also had an issue with his plane and was out, but everyone else was geared to chase Adam down. Dave had a phenomenal (and best) time of 3:39, but Adam backed up his first time with a very good 3:47, which gave him a solid lock for first place. Gary was also having a great day and posted a solid four minutes flat on his second flight, giving him third overall, with Mike C. a mere three seconds behind. I think it's also important to point out that Gary was hobbling a bit on his delivery runs, which didn't help his times so that gives you an idea how good his actual flying was.

While there were no Sport Flier points awarded for this contest, the finish order did give everyone their order when it came to picking presents! Yes, we once again had our grab bag, where everyone who wanted to participate brought a wrapped present of roughly \$10 in value. There were some very cool presents in the pile, and yours truly once again brought an old Monogram plastic model from about 30 years ago (it's funny to see price tags of \$1.75 on these old kits).

Everyone had a great time, and a few of us stayed afterwards to get in a few more flights. I really enjoy this contest since I get to hang out with my friends one more time before the year ends. I suggest you check it out yourself this year!

Pilot	Time #1	Time #2	Total	Place
Mike K.	8:18	DNF	DNF	...
Dave M.	4:47	3:39	8:26	2nd
Adam L.	3:58	3:47	7:45	<u>1st</u>
Carl G.	7:32	6:55	14:27	5th
Gary S.	4:48	4:00	8:48	3rd
Mike C.	4:52	3:59	8:51	4th
Darryl S.	DNF	DNF	DNF	...



## Santa's Training Mission Pics

(courtesy of Mike and Sandy)



Dave going for the big snack!



Carl guarding the presents.



Dave keeping time.



Time for Dave's delivery run!



One Kaos minus landing gear.



The happy elves! Ho ho ho!!!

## 2020 Brass Monkey

By Mike C.

It's a new year, and once again a group of intrepid pilots showed up at Noon on New Year's Day (or, for some, a bit later) for the traditional Brass Monkey fun-fly. Temperatures were not too cold, but just like most of 2019, the winds were brutal, with sustained winds in the double-digits, and gusts that were right off the chart. Nonetheless, 7 hardy pilots showed up to compete, with as many (or more) on hand to spectate and cheer (or laugh) at the shenanigans.

This was my first time running the event, and I wanted to do something a little different. Those of you who were at the last meeting know that I've been working on 3D printed strap-on bomb drop units as an alternative to the club's traditional "nails-and-rubber-band" units that are used in the Midway and Turkey Shoot contests. My units use a Spektrum linear servo to actuate the bomb drop so the contest is about precision bombing vs. the typically comical maneuvering needed to toss the bombs with the traditional units. I made two flavors – one with a standard servo lead that can be plugged into a spare servo channel and controlled by the pilot's transmitter, and one with a self-contained micro receiver and single-cell battery that is bound to a separate slave transmitter and actuated by a bombardier upon the pilot's command. Both types can be quickly attached or detached to an airplane by a Velcro strip, Velcro straps, or good old rubber-bands as needed. And since I didn't want to make a bunch of new bombs, I also 3D printed a set of shackles that are rubber-banded to the existing club bombs to adapt them to the new dropper units.

Since this was the shakedown cruise for the new equipment, I kept the contest simple by re-using the targets from the Turkey Shoot, awarding 5 points for a bullseye, down to 1 point for hitting a larger bounding box. Pilots flew a level bombing run, a dive bombing run, then a "pilot's choice" run, with the total score determining the winners.

Unfortunately, 3 pilots were sidelined due to equipment failure – Rob K. had a dangling stabilizer, Mike K. had a flaky receiver, and Chuck S.'s little Fenix just didn't have enough power to handle the wind and the weight of the bomb unit at the same time, though he did manage one unsuccessful run. Four of us completed our three runs, plus an extra tie-breaker run to determine third place, and the final standings were:

- 1<sup>st</sup> – Gary S. with 8 points
- 2<sup>nd</sup> – Jason with 4 points
- 3<sup>rd</sup> – Adam L. with 3 points + a tie breaker
- 4<sup>th</sup> – Mike C. with 3 points
- 5<sup>th</sup> – Chuck S. with 0 points
- DNS – Mike K. and Rob K. with equipment issues

Kudos to Jason for 3<sup>rd</sup> round comeback with a 4-pointer to secure 3<sup>rd</sup> place. And happily, the bomb drop units performed nearly flawlessly, with only 2 glitches being caused by improperly secured battery connections on the self-contained units. I plan on addressing that by adding switches to the self-contained units, and possibly switching to a beefier battery connector. Expect to see them used again in a future contest.

Happy new year!



Pilot's meeting.



Very focused Jason!



What a shot!



Monkeying around...

Photos courtesy of Mike and Sandy.

## Jersey Coast Sport Fliers 2019 Awards Dinner Order Form

Sunday, February 23<sup>rd</sup>, 2020, "618", 618 Park Avenue, Freehold NJ 07728

2:30 –3:00 PM Cocktails (cash bar), buffet lunch served at 3:00

NAME: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_



Number of members: \_\_\_\_\_ Number of guests: \_\_\_\_\_

Lunch is \$35 per person and includes Caesar Salad, Penne Vodka appetizer, and a buffet consisting of the following (4) dishes: Chicken Marsala, Grilled & Sliced Flank Steak, "Grannys" Meatballs and Herb Seared Salmon. Side dishes include Grilled and Roasted Seasonal vegetables and Rosemary & Garlic Roasted Potatoes. Lunch is topped off with 618's famous "Ice Cream Bar"! As in previous years, there will be a cash bar and soft drinks will be available at no charge.

*If you have any special dietary restrictions or food allergies, please let Stu know and he will see what arrangements can be made on your behalf.*

### **SPECIAL RAFFLE**

2 prizes (1<sup>st</sup> winner gets choice):

<b>Hangar 9 Carbon Cub</b> 90" wingspan 2 stroke 20cc(1.2 cu) / Power 60B electric	
<b>Turnigy G60 -500</b> Brushless Outrunner Motor (.60 Glow equiv.)	

*\$5.00 per ticket. Maximum of two tickets per member. Limit one prize per member. Winner need not be present to win.*

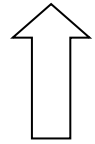
Dinner Cost (# dinners x \$35):	
Raffle Tickets (\$5 each, max 2):	
Total Payment Enclosed:	

*Bring order form and payment (checks payable to JCSF) to a club meeting or mail to:*

*Stuart Katz, 27 Longstreet Rd., Manalapan, NJ 07726*

*Questions: [stukatwork@gmail.com](mailto:stukatwork@gmail.com)/732-616-5743*

*Fill in email address for order confirmation.*



## **First Class Mail**



Rob Kallok  
18 Bampton Place  
West Long Branch, NJ 07764

### **UPCOMING EVENTS**

**Next Meeting – Wednesday January 22nd, 8:00 PM at the Eatontown Public Library. Model of the month and raffle.**

**Saturday February 1 — Atoms RC Flea Market and Auction  
(Hillsborough NJ)**

**Sunday February 23 – Club Dinner, 2:30pm (“618” in Freehold)**