



THE TRANSMITTER



THE NEWSLETTER OF THE

JERSEY COAST SPORT FLIERS

AMA CLUB #1265, EST. 1973

WWW.JCSPORTFLIERS.ORG

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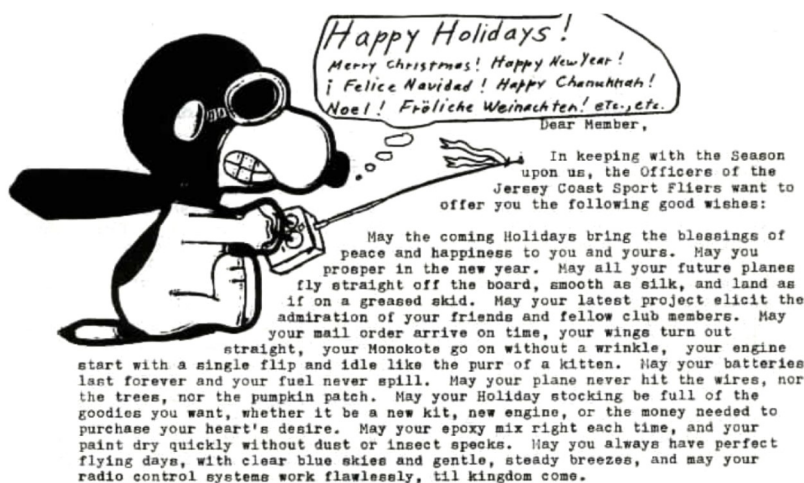
MERRY MERRY!!!

Hi everyone - Merry Christmas, Happy Hanukkah, Happy Festivus, and whatever other holiday you celebrate! As most of you know I'm pretty big on tradition, so please enjoy Snoopy's annual pilot's wishes—the technology might have changed but the sentiments are still as important as ever.

It's that time of year again, with only a few days left in 2018. It's honestly been a really great year with the club, and I'm really looking forward to 2019 and all the fun that entails! While I miss the sunny, warm days hanging out at Dorbrook, this time of year does give me a chance to hang out in my shop guilt-free (I try to avoid spending too much time in the shop when the weather is nice, except when

getting ready for NEAT), so it's time to make some balsa and/or foam dust by breaking out a kit, ARF, or a set of plans (your call) and get to building. If you're feeling adventurous maybe it's time to break out pencil and paper (and maybe a ruler) and try your hand at drawing up something totally unique. If you're more the computer type then taking a crack at doing some work in CAD is also a great way to start—there are many great programs out there that you can check out. I'll talk more about this later in the issue...

With the December meeting we will have two important activities — the club Executive Board elections plus our annual holiday party. With the 2019 board we do have a few openings— if anyone is interested in learning about the open spots please feel free to reach out to me or Prez Dave. As I've said before, serving on the Exec Board is not only a great way to give back to the club, but you'll also help steer the club as we head into the new year. And in regards to the party, well, it's a party with light snacks and beverages. Please feel free to bring your favorite snack to share—I always enjoy Larry's baked beans (hopefully he'll bring them again this year). And just because we have the party don't forget to bring your models for Model of the Month. Please come out and join us this **THURSDAY** night 12/20 (NOT Wednesday as usual) starting at 8pm at the Eatontown Public Library. And one last thing— make sure your 2019 calendar has our annual **Brass Monkey flagged for Tuesday January 1st**. Gary S. will be CD'ing the event!





Recording Secretary's Report

by
Darryl Schlosser

Our **November Meeting** was held on the 28th at the **Eatontown Public Library** meeting room, 14 members were present.

Rob ran the meeting in Dave's absence. I read the Secretary's Report and Stu read the Treasurer's Report.

Business

- Stu gave a detailed report of the **auction results**. My take was that we faired about the same as last year after all items were factored in. As always, a copy of the results is available for your perusal at our meeting. After Stu's report, we discussed our auction event asking for feedback in order to facilitate constant improvement. We felt that we had improved our security but still need better seller number sequencing., material handling, and need to raise fixed price table to a max of \$25 and increase food prices to reflect current prices.
- Dues for 2018 are due at our December meeting. Please fill out the renewal form and bring it to the meeting with your payment or mail it to me with a **SASE**.
- All executive positions are up for reelection at this meeting. Three members expressed interest, they are Mike C, Mike K. and Larry B. Final **nominations** will be accepted before the election. Please come out and support your club. As always, this is our holiday meeting and we will have some **goodies** for all.
- It's time once again for Rob's infamous eggnog slurping, cookie guzzling **Santa's Training Mission!** So, come out and join in the fun on **Dec. 23rd** to celebrate the season. **Hanukkah Harry** will be there too. See you there.
- Our annual **Brass Monkey Fun-Fly** will be held on Jan.1st at 12PM at our field. As long as the park is open we will be there bringing in the New Flying Year. Bring a plane to throw in the air or just come out, partake in some goodies and celebrate with us.



Gary won Raffle Prize. He holds his Hobby King SU27 Foam-board Kit w/running gear.

Model of the Month



1. Yes Mike has cooties! A pair to be exact. These little Cooties are cloned from Paul & Ralph Bradley's Model Airplane Hangout site. Mike 3d printed the landing gear and used 7mm quad motors. Can you guess which one is Sandy's? The Rogollo canopy's material is cut from a veggie bag.

2. Gary is dwarfed by his 82" Great Planes Stick. He converted it to electric 6S power.



3. Mark brought us this Freewing Avanti S 80mm EDF Ultimate Sports Jet. When I looked up it's keister, 12 knarley blades stared back at me.

4. Rob is showing off his E-Flight P-47 Jug. He powered it with a Himax 350w motor and a Castle 45A ESC.



Merry Christmas and Happy New Year!

And now for something completely different...

So what am I getting at here you ask? I'm referring to project choices this coming winter season. There's nothing like bringing out something different to the field—something that you can't pull from a box, screw together and fly. We're talking about kits and building from plans. If you haven't built from a kit there are lots of good choices out there from which to choose, which range from sport to scale (or something in between). For first-timers I'd suggest something in the sport or sport-scale category—if you're interested in something but have questions I recommend asking anyone on the Exec Board for input or one of our senior club members. Besides the satisfaction of flying something you built with your own hands (versus assembled) you'll also likely have something that's different from what others are flying at the field, which is always cool.

If you want to be really different, then I suggest building from plans. You can take two approaches here—either find a set of plans from a reputable designer (our own Dick Sarpolis has a great selection from which to choose) or take the leap and try putting together your own design. Many of our members have tried the latter route with good success. You'd be amazed at how using a little TLAR (That Looks About Right) when drawing up a design can take you a long way. You can also find lots of good guidance online to help with your creation. You can pick your choice of drivetrains—although you can always go with a traditional glow or gas engine, I like designing for an electric power plant. I find that sizing the drivetrain is easier with electrics, plus you don't have to worry about vibration issues so you can keep thing lighter.

When designing your own airplane you have options when it comes to creating the design. Paper and pencil is still an excellent way to go, and is how many of us started. Others have moved over to using CAD (Computer Aided Design) programs on our computers to get the job done. While there may be some additional complexities (and a learning curve) when using CAD programs the tradeoffs are significant—easier design adjustments, the ability to easily scale your design, and, potentially, producing cut files in case you want to have someone laser-cut your design. From a CAD perspective your options are pretty wide depending upon what you want to do. There are some CAD programs that are optimized for model aircraft design—devCAD is a good example of this (www.devcad.com). You can also go with more “generic” CAD programs such as Fusion 360 (<https://www.autodesk.com/products/fusion-360/overview>), which is an AutoDesk product that's free for builders like us. If you have a 3D printer (or access to one) you can also integrate these components into your designs, which is a great way to optimize your design and create a wood/plastic hybrid. Technology is great!

Recently a couple of JCSF members got together for a snack and a large box of plans that Gary Swist II had picked up from his dad. In going through the box we found a set of plans for a 74" Avro Lancaster that caught our attention, and we decided that a group build was needed. The thought was that having three, four or five+ Lancasters flying together in formation would look extremely cool, so we decided to proceed with the build. The plans were originally hand-drawn, but we were able to find a JPEG version that we could import into Fusion 360, with the intent to convert the ribs and formers into cut files (using Fusion's built-in CAM (Computer Aided Manufacturing) feature). As many of you know, Mike Cripps has a laser cutter, and I've recently picked up a CNC router (Shapeoko XXL) that we're using to create short-kits for the Lanc. In addition, we plan on creating bucks for pulling the canopy and related plastic parts by using our 3D printers, so we're essentially using modern tech to update and upgrade a 20+ year old design. Glue is planned to be applied to balsa very shortly, and if you're interested in more information on this project feel free to reach out to me and I can point you to more info on this effort.

The net-net here—don't be afraid to try something different. One thing I've noticed at the various fun-flies that I attend is how the vast majority of models in attendance are ARFs. The other thing that I always notice is how much attention a scratch-built or kit-built plane gets from the other pilots and spectators. It's great to be different, and if you're willing to take the time out to build something unique the response and satisfaction you'll get is huge. If you do decide to go this route, either via plans or kit, drop me a line with some info and pics and I'll feature your work in the newsletter. If you have any questions you can also reach out to me and if I can't help I'm sure I can point you to someone who can!

Sources for plans:

- Flying Models: <https://store.flying-models.com/catalog/>
- Model Airplane News: <https://www.modelairplanenews.com/plans/>
- AeroFred (free plans download): <https://aerofred.com/>

Club Highlights from 2018...

(Photos courtesy of Mike , Sandy, and Stan)



2017 Santa's Helpers Fun Fly



2018 Brass Monkey



JCSF 2017 Awards Dinner



2018 Spring Adopt-A-Road Cleanup

Club Highlights from 2018 (continued)...



2018 Streamer Chase



2018 Club Flying Day (June)



2018 Outside the Box contest



2018 Norm Hils Memorial Electric Fly-In



Club Highlights from 2018 (continued)...



2018 Warwick Electric Fly-In



2018 Open House



2018 Limbo contest



2018 NEAT Fair!!!

Club Highlights from 2018 (continued)...



2018 Pumpkin Bowling



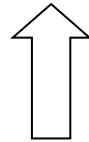
2018 Fall Adopt-A-Road



2018 Club Auction



2018 Turkey Shoot



First Class Mail



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UPCOMING EVENTS

Next Meeting – THURSDAY December 20th, 8:00 PM at the Eatontown Public Library. Holiday party, Exec Board elections, Model of the month, and raffle.

Sunday December 23— Santa's Training Mission, 11am (Rob K. CD)

>>> Rescheduled from 12/16

Tuesday January 1st— Brass Monkey, noon at Dorbrook (Gary CD)