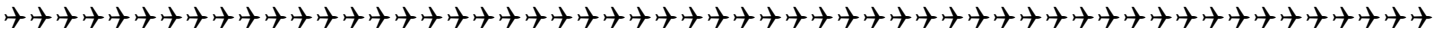




Squadron News February 2021

An AMA Gold Club

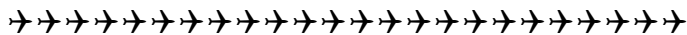
MARCH MEETING VIA ZOOM



Newsletter Editor.

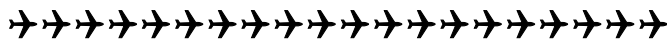
Hello everyone, I'm John Lawyer and I am going to be taking over as the newsletter editor. I will admit I am terrible with names, so if I get your name wrong in the newsletter I apologize beforehand. If I get other facts wrong, I apologize. If you send me an email or hand me a note on any corrections, I will be glad to get it into the next newsletter. Besides, that will help me to take up space in the newsletter also. ☺ You can contact me at jlawyer41@att.net or 765-918-7229

I will always be happy to take input from anyone for the newsletter.



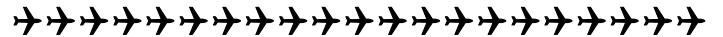
Upcoming Club Events

- March 3 - Monthly club meeting, Via Zoom Please see [link at end of newsletter](#). 7pm
- April 7 - Monthly club meeting, at the field, weather pending.
- May 5 - Monthly club meeting at the field. 7:30 pm
- June 2 - Monthly club meeting at the field. 7:30 pm



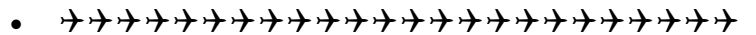
Upcoming Area Events

- April 9 & 10 - Toledo Swap Meet, Seagate Center, Toledo, OH
- April 23, 24 - Dayton Modelrama Swap Shop hosted by the Dayton Wingmasters.
- April 23 thru 25 - Spring Thaw Dawn Patrol at Muncie AMA Headquarters Site 4
- June 10 thru 12 - 2021 EDF Jet Jam, Rosewood RC Flyers, Rosewood, IN
- June 12 - Cubs and Floaty Flyers at Indianapolis RC Modelers, Morristown.



Reminder: Please pay you Club 2021 Dues

If you think you have paid your 2021 club dues and have not received a card, e-mail Tom Carlyle (tom.carlyle@comcast.net) or Rege Hall (hall.rege@sbcglobal.net). Also, this is the time of year the gate codes change, new code is on the back of the 2021 membership card.



February 2021 Meeting Minutes

Recorded by Tom Carlyle, Secretary

The February 2021 club meeting was held on February 3, 2021 via a ZOOM meeting. President Rege Hall called the meeting to order at 7:00 PM. Twenty-eight (28) club members were in attendance.

President's Report

- Rege organized a moment of silence in memory of Tom L. Hatfield. Our prayers go out to the entire Hatfield family. Also please remember other members who have recently passed away.

Vice President's Report

- No report.

Treasurer's Report

- The totals of our various accounts were summarized.

Secretary's Report

- No report.

Field Marshall's Report

- No report.

Safety Coordinator's Report

- No report.

New Members/Visitors

- Gene Wisner recently joined the club. He's been a member of the Admirals for 25 years. He wants to get into sail planes.

Old Business

- The Warbird Fly In will be Saturday, October 16, 2021.
- Our NMAD event will be on Saturday, August 14, 2021. We will support HVAF again this year.
- Last month, we discussed installing a webcam at the flying field. John Louden installed it in late January. He mounted it in a temporary location until he can get the wireless signal strength up to mount it in the permanent location. The camera takes a photo every 6 minutes and also displays the local weather taken from Parker Hall's weather station. We are not going to list the link on the website. Please feel free to share the link with friends and family. Tom Carlyle will send the link to the membership.
- Rege is still planning to organize a trip to Dayton to visit the Air Force Museum later in February. Tom Carlyle will send out details when the plans have been completed.

New Business

- The Club Charter renewal has been turned in to AMA.
- The sanction for the Warbird has been completed.
- The Model Aviation Magazine subscriptions for the Danville, Avon, and Brownsburg Public Libraries was renewed as part of the requirements for our Gold Leader Club status.
- Scott Black volunteered to become an administrator for our Club's Facebook site. He manages the Admirals site, so he said he would be willing to manage ours. Parker Hall will grant him administrator status.
- Scott Black asked about the Toledo Swap Meet. Scott said he will post any information he comes across to our FaceBook site.
- John Louden has been bringing his Dad's RC collection home. John plans to have an estate sale at our flying site where he'll have offer up some of his Dad's collection. More details to follow later this spring.

Show and Tell

- Joe Miller showed us his 90mm EDF Scorpion D model currently under construction. Joe is modeling it after a squadron that his Dad used to work on when he was in

the Air Force. Joe found a fellow who collects photos of full-scale military aircraft and he had photos of the squadron his Dad worked on. His Dad's squadron was in Alaska and had an Ace in the squadron. The fellow was an aircraft radio operator for Japan in World War II and was credited as being an Ace with 5 U.S. planes shot down during the war. He later immigrated to the U.S. and joined the U.S. Air Force, and is still credited as being an Ace.

- Bryan Baumer showed us his scale Fokker D-VII with an 8 ft wing-span. The engine is 3-D printed. It has over 47 pieces that he printed. The cockpit coaming is all leather. The machine guns are Williams Bros. He also made an aluminum radiator cover.
- Bill Garrison showed us his Pete and Pull. It has a 13-inch wingspan. He has glided it indoors, as he's still trying to get the balance right. It's all balsa except the radiator grill. It weighs about 12-grams.
- Kyle Bushman showed us his workshop. Lots of aircraft with several under construction.
- Brian Aimer gave us a tour of his workshop in his house. It has been a winter project to get it setup. He just completed it about a month ago. It has a work bench from Harbor Freight, some shelves for storage, and some racks on the wall to store aircraft. Very nice and very neatly organized.
- John Derringer showed us his workshop. He's working on a couple of new pattern planes. He has a CnC router that he uses to cut out parts. He has been making parts out of carbon fiber and does all of the cutting under water to collect the dust.
- Ryan Jones showed us his two J10s. He has flown the smaller one at our field, but the larger one is too large for our field. He has flown it at Muncie. He also showed us his Zero powered by a Saito engine.
- Bryan Paris showed us his Saito twin-60cc engine that he has re-assembled and has run. It's going to be installed on 1/3 scale World War I aircraft.
- John Lawyer updated us on the construction of his Tri-Motor.
- Scott Martin's construction project now has the landing gear installed. He's hoping to get it flying sometime this summer.
- Warren Estep showed us his workshop. He just got something new today.
- Roger Dohm talked about his B-25 that's under construction. He is currently working on the nose gear.

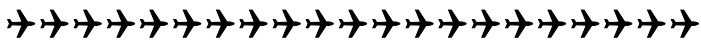
Raffle

- No raffle was conducted.

With no further club business, the meeting was adjourned.

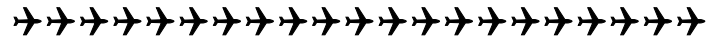
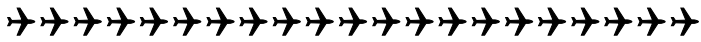
The March club meeting will be held on Wednesday, March 3rd. The meeting will be held via a ZOOM meeting.

One last reminder, please support your local hobby stores. Special thanks go out HobbyTown USA in Castleton for extending a discount to our club for our monthly and year end raffle prizes.



Field reminders:

- If you should ever have to call 911 (or order pizza), our address is 178 E. Twin Bridges Rd
- If you are the last one at the field, be sure the clubhouse door is locked and the front gate is locked.
- Fly safe, the AMA safety rules are posted by the door of the clubhouse.
- If flying on 72 mhz, be sure to use the frequency board.
- There are fire extinguishers located just inside the clubhouse door.
- If you see trash or cans lying around, please pick it up. Let's all keep our field beautiful.
- Try not to overflow gas, glow fuel or smoke fluid on the grass, causes bare spots.
- Be cognizant of others.
- **Watch for full scale planes. Avoid any interaction.**
- Please put aluminum cans in the bins that are located in the clubhouse and by the trash cans, we are recycling the cans to help pay for gas for the mowers.



Message from the President.

President's message:

Another month of Covid restrictions here in Blacksheep land and hoping everyone is doing well. Little by little we are edging towards normalcy and flying weather. I know some of us were able to enjoy some snow flying with floats on various planes. We have had a few good days which saw some members flying, nice to get some air time in. Although after the snow and now rain, field is pretty mushy, if you go to the field to fly be cautious of the conditions. I am really looking forward to spring as it looks like nearly all the bare spots have filled in. With all this "at home time" I expect to see lots of nice new projects taking to the sky this spring.

March is not a particularly busy month in the r/c world round here. Watching the ongoing FAA news regarding knowledge testing which will be rolled out soon. AMA is counting on them being recognized as an organization approve to administer the testing, from what I can tell so far, look's to be aimed at basic knowledge of our national airspace system. The Blacksheep club officers will keep up to date and try to make this exercise as painless as possible.

I will end this newsletters message with my latest project. A 60" wing span T-45C. The new Aero-Fly T-45 model, has lights on wing tips, landing light on nose gear and strobes on top and bottom of fuselage. Also, features electric retracts and brakes, leading edge slats, flaps and speed brakes. Now, looking for some good jet flying weather.

Blue Skies & Fair Winds,

Rege



DAYTON MODELRAMA

One Of The Country's Largest Model Swap Meet & Auction Manufacturer and Distributor Expo

"NEW" Two Buildings - Over 42,000 Square Feet
275 Tables Sold In 2020!

✓ RC Airplanes New & Used	✓ RC Cars
✓ Gas / Glow / Electric	✓ Helicopters
✓ Control Line	✓ Drones
✓ Boats	✓ Field Equipment
✓ Radios	✓ Building Supplies



2021 Show Times

Friday April 23rd 2:00 to 6:00 PM - Friday Vendor Set Up Begins at 11:00 AM
Saturday April 24th 9:00 AM to 1:00 PM - Saturday Vendor Set Up 6:30 AM
Auction Begins at 1:00 PM

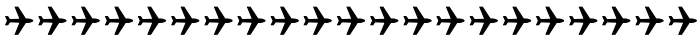
Vendors Participating Both Days Do Not Need to Tear Down Friday Evening

General Admission Price – 1 Day \$8 Both Days \$10

For Information / Swap Table Reservation
(act now, we sell out every year)

- Call Paul @ 937-361-7696
- E-mail daytonmodelrama@gmail.com
- Visit www.daytonmodelrama.com

- Door Prizes
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Avoiding Crashes — 5 tips to save your RC airplane!

[Gerry Yarrish](#)

[Featured News](#), [Gerry Yarrish](#), [Great Planes](#)

From Model Airplane News



We've all been here, done that!

The life expectancy of your RC airplane is directly proportional to how well you follow directions. That is to say, you've built and setup your plane properly as explained by the instructions. This article is intended to give the first time model builders some helpful tips for being successful the first time out. We'll talk about avoiding the avoidable, not correcting for things like crosswinds or hitting something with your plane.

There are several things that are common in that they can greatly affect your airplane's safety. Like a weak link in a length of chain, any one of these things can bring the best built planes down. Let's break down these areas of concern into the following groups.

- **Center of Gravity Balance Point.** In my opinion, more airplanes are damaged or destroyed on their first flight because they were improperly balanced. The balance point for all RC model airplanes (with the exception of small foamy RTF

planes,) are called out on the plans of a kit built plane, or in the instructions of an ARF plane. It is absolutely imperative that you take the time to balance your plane properly. Use a balancing jig or simply use your finger tips to hold the plane by the wing to see where it balances. If the tail hangs low while placing your fingers where the instructions say the balance point is, it is tail heavy. If the nose hangs low, it is nose heavy. Of the two, slightly nose heavy is better than slightly tail heavy. As the plane becomes more and more tail heavy, the more and more sensitive it becomes to control inputs until it gets to a point where it is uncontrollable. We see this all the time. The plane takes off and the wing rock back and forth. The nose stays high and eventually the plane snaps to one side and crashes. You prevent this by adding nose weight.



(Above) The GP Balancer is a great tool to have in your workshop. Du-Bro Stick on weights are excellent for adding nose weight.

- **Engine/Fuel System.** The next item most likely to kill your plane is an unreliable engine. This can be caused by a poorly broken in engine, an improperly adjusted carburetor and/or an improperly installed fuel tank. Always follow directions and break in your new 2-stroke or 4-stroke engine before trying to fly. This requires several tanks of fuel and a controlled running of the engine to condition it for proper operation. What you want to do is obtain a reliable idle and a smooth transition from idle to full power. When it comes to power output, always run the engine slightly rich, not lean. Lean engine runs cause overheating and can lead to a damaged engine. The fuel tank should also be installed properly to supply the engine with fuel. Assemble it correctly and install it so the center of the fuel tank is even or slightly below the center of the carburetor. The

simplest setup is a 2-line setup with the output line attached to the carburetor and the other line acting as a vent. You fuel the tank by removing the line from the carburetor. A common problem is a fuel clunk that gets jammed forward in the fuel tank after a hard landing or nose over. Always make sure the fuel pickup line is free to move around in the tank. If it is jammed forward, the next time you take off and the model's nose is pointed up, the fuel level will move back and the clunk will start to suck air and cause your engine to lean out and die.



(Above) The model airplane engine is an important investment in your hobby. Treat it right and it will treat you and your airplane right.

- **Radio Battery.** Another common failure point is the onboard battery powering the receiver. You should always fully charge your radio system the night before you go flying and have a battery checker to monitor the condition of your battery pack at the flying field. Batteries seldom fail before you next flight, and when they give up the ghost during a flight, you are out of luck because your model is going to lose control and it will eventually hit the ground...hard! I check the battery voltage before every flight with a loaded volt meter. You simply plug it into the charging jack and it tells you what the voltage levels are. If the voltage is below 4.8v for a 4 cell pack or below 6v for a 5 cell Ni-Cd pack, do not fly! So it is always good to have a DC quick charger/peak detection charger in your field box so you can top off your battery pack. Also, check the battery switch and connections. Never install a battery pack without foam rubber padding. Always make sure your pack is securely installed and doesn't move around.

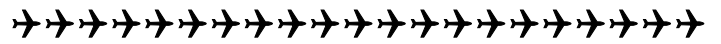


(Above) Use good quality battery packs and use high capacity packs when you use more and more servos in a plane.

- **Final Condition Check** Besides these three basic failure points, always check the condition of your model before every flight. Make sure the radio system and servos are properly installed and working correctly. If you have a programmable radio, make sure you have the correct model memory called up for your airplane. Check the screws and clevises and make sure everything is connected and secured properly. If you have recently repaired a plane, or if it is the very first time you've brought it to the field, have a friend go over it as well. A second pair of eyes can often detect something you overlooked. Always check your control throws for proper amount and proper direction.
- **Don't push a bad situation!** Again, we see this all the time! If your engine is just not operating properly, or if something is not working correctly, just don't fly! The best course of action is to step back and take a breath. Maybe you need to work on the engine back home on a plane stand, to solve the problem. If an aileron is twitching, maybe the servo needs to be replaced. You are the pilot in command. Abort your flight attempt. The plane you save may be your own!



Photos courtesy of rcplanescrashes.com



Subject: Zoom meeting invitation - Blacksheep February Meeting

Parker Hall is inviting you to a scheduled Zoom meeting.

Topic: BlackSheep March Meeting
Time: Mar 3, 2021 07:00 PM
America/Indiana/Indianapolis

Join Zoom Meeting

<https://us02web.zoom.us/j/84803407565?pwd=b3crd2dvNGQ4L2I1cVhzYnB4a1lpUT09>

Meeting ID: 848 0340 7565

Passcode: 655730

One tap mobile

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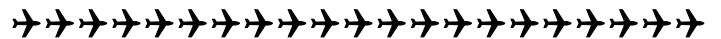
+1 253 215 8782 US (Tacoma)

Meeting ID: 848 0340 7565

Passcode: 655730

Find your local number:

<https://us02web.zoom.us/j/84803407565?pwd=b3crd2dvNGQ4L2I1cVhzYnB4a1lpUT09>



by John Lawyer

*** Till next month may all your landings be wheels down. ***

P.S. Pictures of your latest bird or project are always welcome.. ☺