



## **TIGER TALES**

# **THE NEWSLETTER OF THE NH FLYING TIGERS RC CLUB**

## **MARCH 2025**

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### **From Your President:**

Winter passed rather quickly this year, thanks to Fremont Flyers RC Club securing indoor flying in Epping NH. Folks from neighboring clubs or otherwise have attended on a regular basis, beginner to advanced pilots. Personally, I've had an absolute blast flying my small P51 and Ultrix 600MM planes. It's quite a challenge flying with several planes airborne at the same time, but that's what makes it so much fun! Ironically, there are not too many mid-air collisions. When it does happen, all you hear is laughter, with tons of ribbing and comradery. Foam-Tac is a necessary item in the pit area! My sincere hope is that indoor flying will continue next winter.

Officials of AMA District 1 attended our February meeting in person and via Zoom. We received a great presentation regarding the AMA Outreach Program, which basically is an effort of growth and retention in our hobby. As a result of this presentation, I am attending AMA District 1 Zoom meetings to learn more about tools and methods we can perhaps apply to our club. I believe the Outreach Program is a great step towards preserving the hobby we love. Contact me if you are interested in attending these important meetings. There's a lot of information available online.

Facebook: Search AMA District 1. Website: [www.amadistrict-i.org](http://www.amadistrict-i.org).

Our March meeting will have a full agenda as we prepare to open the field for flying and discuss our 2025 events. On a final note, please make sure your club dues and applications have been submitted for the 2025 season. Let's get ready to fly!

***Paul Pazolt***

### **NHFT 2025 Schedule**

We are approaching that time when a field clean-up day will be required and discussed at the March meeting. Our field Marshal Mike Miller will coordinate this with the membership. Mike along with others have worked very hard to keep our flying site in great shape. Please volunteer to help with anything Mike requires. It takes a tribe to get things done.

Event Update: Project night: April 30<sup>th</sup>. Our Flea Market is scheduled for Saturday May 10<sup>th</sup>, 10AM – 1PM. We need volunteers to help set up tables and clean up after the event. Our Intro to RC flying is scheduled for Saturday, May 24<sup>th</sup> 10AM – 3PM. Again, we'll need the tribe to support the effort including instructors, planes, etc to introduce the community to a positive

experience. Other events to be discussed are our public fly-in, club fun fly, picnic, and perhaps setting dates for advanced training: Learning more advanced maneuvers with our proficient club members!

*Paul Pazolt*

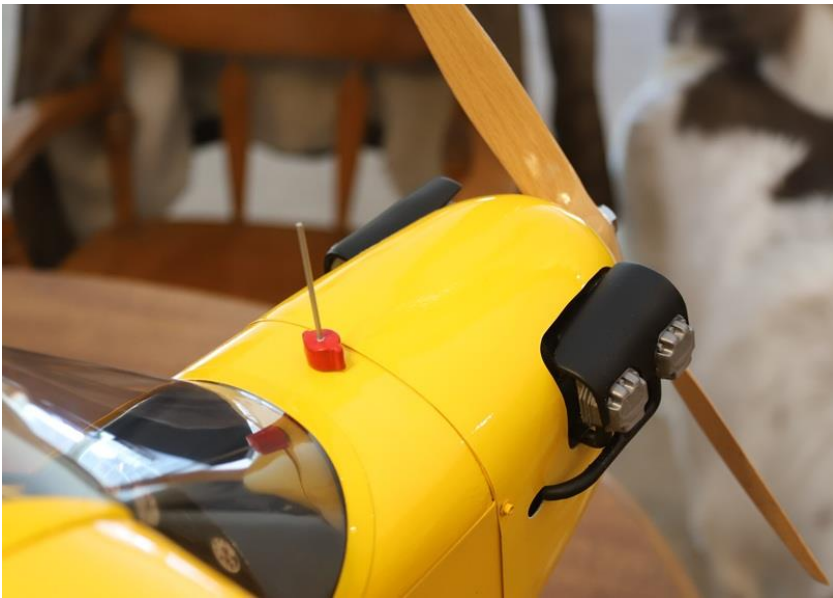
### **From Your Vice President:**

Unfortunately, work has been getting the best of me so this month's inputs will be short. 3D Printing work on the Cub progressed. In the picture below you can see the seats that came with the airplane in black and the 3D printed seats in white. The provided seats were not very scale, especially the front seat that is relatively narrow in the real airplane as the rear seat pilot has to position their feet around the front seat to work the rudder peddles.



I apparently failed to put a memory card in the camera as I built up the replica engine. The most challenging part was getting the cylinders properly aligned around the electric motor so they would protrude through the cowling as occurs in the real airplane. I've included a few shots of the Cub put together along with a stock photo of the way the engine is modeled from the manufacturer.





As you can see the original was just a vacuum formed blob that really didn't have any detail. The 3D printed cylinders, intake manifolds, exhaust manifolds, and eyebrows are mounted to a wooden structure inside the cowling around the electric motor and poke out through holes in the cowling that were formed with the careful application of a Dremel. These parts really dress up the engine. Getting everything to fit properly is a slow process, but the results really distinguish NC46674 from the other ARFs.



Now that Joe is properly seated with his hand on the control stick all we need is some good weather. After balancing the model the scale details caused the model to be 3 ounces heavier than called for in the instructions with a 6S 5000 mAh battery. Thank you for your patience as I went through this series of articles. I hope it was helpful in showing some of the little things that can be done to dress up an ARF and truly make it your own. I look forward to having you meet Joe at the April Project Night!

*Thanks, John*

## **NH Flying Tigers RC Club – Monthly Meeting Minutes February 26, 2025**

At 1900 on the 26th of February 2025 Paul Pazolt brought the New Hampshire Flying Tigers Meeting to order.

### **1. Secretary's Report**

The Secretary's Report as published in the newsletter was accepted by a unanimous vote.

### **2. Treasurer's Report -**

Pat Clark presented the Treasurer's Report. As of the meeting day 41 members had renewed their membership for 2025 resulting in a current balance of the checking, savings, and PayPal accounts of \$3,774.21. Additionally, Pat reported that the club charter has been sent back in. The Treasurer's Report was unanimously accepted by the voting members.

### **3. President's Comments, Training Coordinator & Field Marshal's Reports**

Mike Miller presented the Field Marshall's report where he indicated that he would be visiting the field to assess its condition and based upon that condition determine if the mud lock would be put on the gate. A subsequent email from Mike indicated that while the field is clear of snow it is not ready to accept vehicular traffic and the mud lock has been installed.

Paul Pazolt reported that dates for the upcoming "Introduction to R/C" and "Flea Market" have been selected after consulting events occurring at other clubs in the area. The Flea Market will be held on 10 May 25 from 1000-1300 and the Introduction to R/C event will be held on 17 May 25 from 1000-1500 with a rain date of 18 May 25.

### **4. New Members**

There were no new members to be voted upon.

### **5. Proposal**

Proposal From John Lavery: Allocate \$200 for the construction of an aircraft assembly table which can also be used as an extra starter stand and engine test stand.

## **6. Meeting Proceedings**

Paul also announced the visitors to the meeting from the AMA Outreach Program including Associate VP Daren Hudson, Associate VP Doug Thompson, and Associate VP Wayne Watjus. After the introduction Paul Pazolt motioned to adjourn the meeting to allow the folks from the Outreach Program to discuss their organization and its activities with the club. The meeting was officially adjourned at 1907, establishing a new meeting record, by unanimous vote.

Daren, Doug, and Wayne took turns talking about the Outreach Program and their efforts to reach out to the community, fellow hobbyists, and clubs. They walked through the resources available to all of us at: [amadistrict-i.org](http://amadistrict-i.org). They discussed the importance of establishing a welcoming atmosphere at the club and working to provide positive interactions with the community and folks looking to find a place to enjoy the hobby. They reinforced their commitment to help foster inter-club events as part of fostering retention. Wayne discussed Fremont's indoor flying opportunity that is running Tuesday's and Thursday's throughout March and into April as an example. (Note: Your author stopped by a couple of Thursday's ago and can confirm that it was a lot of fun and everyone was very welcoming and friendly.) Discussion with the Outreach Team continued until almost 2100. Personally, I want to extend a huge thank you to Daren, Doug, and Wayne for taking the time to come talk with us and share information about their program.

**Meeting officially adjourned at 7:07**, but many hung around for almost 2 hours with our guests.

### **Field Marshal's Report:**

At the time of this writing, the snow has melted off and the field is drying out nicely. It looks like some of the grass planted late last fall is growing in. The mud lock is on the gate right now because of the wet conditions, but hopefully it will be removed by the time the newsletter is published. Just a reminder, if the mud lock is in place you can still fly. You just need to carry your stuff in from the dirt road.

### **The following is an article submitted by John Lavery:**

There was quite a bit of talk around the field last season about IMAC competition so I thought I would pass along some info just in case you might be interested in joining in. IMAC stands for International Miniature Aerobatic Club. It is an organization dedicated to scale aerobatics competition. The competition consists of five classes which are basic, sportsman, intermediate, advanced, unlimited and can include freestyle. Freestyle is not offered at all contests.

**Basic:** – Entry level class with basic aerobatic maneuvers. Pilots in this class may fly ANY plane of any size it does NOT have to be a scale model of a competition plane. This class flies only a known (no unknowns) sequence.

**Sportsman** – Maneuvers get just a little more challenging and pilots are now required to use scale model aircraft. In this class, unknowns are introduced.

**Intermediate** – Maneuvers increase in difficulty as slightly more complex figures are introduced. Unknowns become more challenging.

**Advanced** – In this class, the pilot should be able to fly most any figure presented. The difficulty here is that sequences get more challenging as more complex figures are added together.

**Unlimited** – exactly what it sounds like....no limits! Pilots in this class are presented with the most challenging sequences and complex unknowns. A true test of pilot and machine that requires experience and skill developed over time.

**Free Style** – spectator sport extraordinaire! Aerobatic flying set to music! No predefined figures as anything goes in this class! Pilots are judged on originality, musicality, and general piloting skills. Free Style is not offered at all events but is the most popular part of an event for the non-flying crowd. Free Style competition is open to pilots of ANY class but the pilot must also compete in a main class.

**Seniors** – Best pilot over 55 as judged across all classes (excluding Basic).

Most events are held over a three day weekend Friday is practice, Saturday is the first day of competition and Sunday is more competitions and unknown sequences. On Saturday as many rounds of competition as time allows are flown and the unknown sequences are handed out at the end of the day. Sunday brings more rounds of competition and the unknown sequences are flown. Also on Sunday the results are handed out.

There are 6 regions Northeast, Southeast, North Central, South Central, Northwest, and Southwest. We are obviously in the Northeast region.

The sequences are done with aresti notation. This system was designed by Spanish aviator Colonel José Luis Aresti Aguirre. Each figure in the catalog is represented by lines, arrows, geometric shapes and numbers representing the precise form of a maneuver to be flown. It can be a little confusing at first but as you become more familiar with the different figures the easier it gets. The sequences are available for download on the IMAC web site.

Each flight is judged by three judges. Each maneuver is assigned a difficulty or K-Factor number and deductions are made for different mistakes during the maneuver. Some of those may include up lines that aren't straight or loops that aren't perfectly round.

If you compete in basic any airplane can be used from a trainer all the way up to a full blown aerobatic competition model. In the rest of the classes a scale aerobatic airplane such as an Edge

540 or an Extra 260 is required. In some competitions lack of a pilot and instrument panel will cause a small point deduction. However the two contests I have participated in did not enforce this. The bigger airplanes present better to the judges they are obviously easier to see.

There is an IMAC Intro and Judging Clinic on 5/17/2025 at the Skyhawks field in Concord. Start time will probably be around 8 or 9. This is a great way to get your feet wet see some airplanes and flying and learn how it all works. There are also some local contests scheduled check the IMAC site under Northeast region.

The one thing that all this does for you is to give you something to strive for in your flying instead of just burning holes in the sky. It also entices you to try maneuvers that you otherwise wouldn't even think of. I know that it's helped to improve my flying immensely and it can do the same for you.

So all of this is leading up to an organized aerobatics practice time at our field in Derry. So if you would like to learn some new maneuvers or perfect old ones and improve your flying join us on Wednesday evenings at the field for aerobatic practice. You don't need to compete to participate. Can't make Wednesday evenings? Just let me know and we will work something out that works for you.

IMAC web site <https://mini-iac.org/>

IMAC Face Book <https://www.facebook.com/Official.IMAC>

IMAC Northeast IMAC on Face Book <https://www.facebook.com/groups/454980317908067>

Skyhawks <https://www.concordskyhawks.com/>

My contact info [rcaddict@comcast.net](mailto:rcaddict@comcast.net) 603-260-8533

John

<b>Upcoming Dates to Remember</b>	<b>Club Officers</b>
Newsletter submissions deadline April 20 <sup>th</sup>  Next Meeting April 30 <sup>th</sup> at the Marion Gerrish Community Center, 7:00pm.  NHFT Project Night: April 30 <sup>TH</sup> NHFT Flea Market: May 10 <sup>th</sup> NHFT Intro to RC Flying: May 24 <sup>th</sup>  See the Calendar at our website for up to date activity information: <a href="http://www.nhflyingtigers.com">www.nhflyingtigers.com</a>	<b>President:</b> Paul Pazolt <b>Vice President:</b> John Stevens <b>Secretary:</b> Rich Kieley. <b>Treasurer:</b> Pat Clark <b>Field Marshal, B. St.:</b> Mike Miller <b>Safety Officer:</b> Paul Pazolt <b>Training Coordinator:</b> Paul Lockwood <b>Event Coordinator:</b> Paul Pazolt & Mike Miller <b>Webmaster:</b> John Lavery <b>Newsletter Editor:</b> Will Widgren  Send all correspondence to: <b>The New Hampshire Flying Tigers R/C Club</b> <b>P.O. Box 99</b> <b>Derry, NH 03038-0099</b>