



The Pinnacle

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The Official Journal of the 495th R/C Squadron
Tewksbury, MA

AMA Gold Leader Club, Charter #340



This newsletter is e-mailed to whomever wants a copy each month. If you would like to be added to the list (or if you are receiving a copy and would like to be removed from the list) please contact the Editor at sales@advancednotebook.com

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495 R/C Squadron, Inc.

Next Meeting **Wednesday, June 7th 7:30 P.M.**
 Next Events R/C sailing and R/C sailboat racing
 Club web site <http://www.495thsquadron.org>
 Club Facebook <https://www.facebook.com/495th-RC-Squadron-240759615414>

495 R/C Squadron, Inc. - Club Officers:

President	John Morley	978-821-0258	<u>pres@495thsquadron.org</u>
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Secretary	Bob Merlino	978-640-3854	<u>sec@495thsquadron.org</u>
Treasurer	Bob Merlino	978-640-3854	<u>treas@495thsquadron.org</u>
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Editor	Calvin Hsieh	617-719-5929	sales@advancednotebook.com

From the Editor

Newsletter is for everyone. If you have great ideas, stories and photos to share, please do email me @ (sales@advancednotebook.com)

The weather is getting better. Hope to see you more at the field. Enjoy photos took by John from the Heli Fun fly

Calvin Hsieh
495th Newsletter Editor



On the field ! (June 2nd 2023, 6:50am)

2023 Club Calendar

Please be sure to check the 'Events' page on the club website on a regular basis, and stay up-to-date with all the fun and important activities we have planned this year

Date	Location	Event Description
Jan. 4, 2023	Tewksbury, MA	Club Meeting - TBD!
Feb. 1, 2023	Tewksbury, MA	Club Meeting - Italian Banquet!
Mar. 1, 2023	Tewksbury, MA	Club Meeting - Scale Building with John Hayes!
April 5, 2023	Tewksbury, MA	Club Meeting - Winter Project Show-n-Tell!
April 18, 2023	Tewksbury, MA	Ogonowski Field - Car Night Begins for 2023!
April 20, 2023	Tewksbury, MA	Ogonowski Field - Training Night Begins for 2023!
April 22, 2023	Tewksbury, MA	Ogonowski Field - Opening Day and Field Cleanup!
May 3, 2023	Tewksbury, MA	Club Meeting - TBD!
May 13, 2023	Tewksbury, MA	Ogonowski Field - Spring Fun Fly
May 20, 2023	Tewksbury, MA	Ogonowski Field - Heli fun Fly!
June 7, 2023	Tewksbury, MA	Club Meeting - TBD!
June 10, 2023	Tewksbury, MA	Ogonowski Field - 'Kid's Day' Fun Fly and BBQ
June 17, 2023	Tewksbury, MA	Ogonowski Field - Summer Fun Fly - Mike Pangione
July 5, 2023	Tewksbury, MA	Club Meeting - TBD!!
July 8, 2023	Tewksbury, MA	Ogonowski Field - Scale Fun Fly
Aug. 2, 2023	Tewksbury, MA	Club Meeting - Ice Cream Social
Aug. 12, 2023	Tewksbury, MA	Ogonowski Field - National Model Aviation Day Fun Fly
Aug. 19, 2023	Tewksbury, MA	Ogonowski Field - Multi-Club Fun Fly and BBQ!
Sept. 6, 2023	Tewksbury, MA	Club Meeting - Annual Swap Meet
Sept. 9, 2023	Tewksbury, MA	Ogonowski Field - Annual Member Picnic!
Oct. 4, 2023	Tewksbury, MA	Club Meeting - TBD!
Oct. 14, 2023	Tewksbury, MA	Ogonowski Field Work Party!
Oct. 15, 2023	Tewksbury, MA	Andover Pack 76 - Rockets!
Oct. 21, 2023	Tewksbury, MA	Fall Classic Car Rally!
Nov. 1, 2023	Tewksbury, MA	Club Meeting - Annual Business Meeting and Elections
Dec. 6, 2023	Tewksbury, MA	Club Meeting - TBD!!

View From The Left Seat™

By
John Morley, President, The 495th R/C Squadron, Inc.

As we begin a new flying season, I'm happy to report that for the most part our club is pretty well poised for another great year! As of this writing, our membership renewals are running at about 130 paid members, which is right on track for this time of the year! In the past few years, we've averaged just about 150 full-time members, and we hope to reach at least that number again this year! When it comes to model flying clubs, we recognize that there are choices in our area, and as a club we strive to provide the most "value" of any local club. What does that mean? Here are just a few examples of what I'm referring to: first and foremost, we offer one of the best, if not the best, modeling sites in the greater Boston area that frankly is the envy of other area clubs. We also offer a friendly, fun atmosphere in which to enjoy our R/C modeling hobby. We offer an exciting array of entertainment (guest speakers, etc.), and events (Banquets, BBQ's, and Fun Fly's) for the enjoyment of our members! Club membership is an "investment", and we try very hard to maximize your "return"!

With the return of the new flying season, I want to remind every member that flies a glow or gasoline powered aircraft at the Ogonowski Field in Tewksbury, that we must strictly adhere to the noise limits published in the field rules (downloadable from the club homepage). Over the past few years, we've had very few noise complaints from the neighbors, thanks to the vigilance of our field marshal, Mike Pangione, and we'd like to keep it that way! With activity picking up again, and with the recent popularity of smaller gasoline engines (eg. DLE-20), we are again stressing the importance of "self-governance" on this issue – if your plane sounds loud, don't fly it until it's checked by a sound level meter!! Periodically, Mike or I will bring our sound measurement equipment to the field for "spot checks" of member planes. We certainly don't want anyone to think they are being singled out (you aren't!), so don't be surprised if we ask to test your airplane! **Excessive noise is a real concern that we all must take seriously!**

One other important rule that we need to re-emphasize is flying within the perimeter of our flying field regardless of whether you fly gas/glow or electric! We have several "noise sensitive" & "overfly sensitive" areas to the right (houses), and left (condo's) at the flying field. With regard to noise, sound level is a function of proximity, so the farther we stay away from our neighbors with our airplanes the better off we are! This means that there is absolutely no flying beyond the boundary defined by the tree line at the edges of the field. If you can't do that, it means you probably need more practice, or a smaller airplane! **Out-of-bounds flying is a real concern that we all must take seriously!**

A couple of reminders about proper model and member identification: AMA rules require all our models be marked with the modelers name and AMA number. This is something that AMA chartered clubs must enforce. Please be sure to add this information to each one of the models

you fly at the Ogonowski Memorial Model Flying Field! Club rules require that all members have a current club membership card available when using the club facilities. Each member receives a membership card when they join initially, and then a 'renewal' sticker for the card is provided at the beginning of each new year. You must have this membership card available at the field to show proof of membership! Membership in the club ensures that everyone is insured – AMA membership is a prerequisite to club membership – and that you are sharing the financial burden of operating our flying and driving facilities. Lastly, federal regulations require that all models weighing 0.55 lbs or more also be registered with the FAA. This is not something that we as a club will enforce, but it is a really good idea to do it yourself, especially as we get closer to the Sept. 16th date when the 'Remote ID' rule goes into effect.

I've had a couple of requests to talk more about my recent full-scale glider experiences, and to describe a 'typical' glider flight. First, virtually all glider flights in the US are launched via 'aero tow' – the glider is towed aloft behind a powered tow plane setup for this purpose. Aero towing is essentially formation flight, with the glider maintaining position behind the tow plane at the end of a specialized 200' tow rope. While this seems somewhat benign, a glider pilot must maintain precise position at all times to avoid upsetting the tow plane – too low on tow, and you risk pitching the tow plane up into a stall, and too high on tow, and you risk pitching the tow plane down into the ground! Constant vigilance on tow is required! Most tows are '3K' tows, or tows to 3000' above ground level. Once the desired altitude is reached, the glider releases from the tow rope via a cockpit control. The tow plane then descends for landing carrying the rope behind them to the ground. Once off tow, the glider will typically seek out rising columns of air called 'Thermals', while avoiding corresponding sinking air called 'Sink'. A sensitive instrument called a 'variometer' signals when the plane is climbing or descending in these localized columns of rising & sinking air. In the absence of rising air, or thermals, a glider will descend at roughly 200 feet per minute. A proper landing pattern is flown at 1000' feet above the ground, so from the moment of glider release at 3000' above the ground, the glider has about 10 minutes of flight time (2000' divided by 200 ft/min). Frequently, gliders do find thermals, and flights of several hours are very common! Many glider pilots fly exclusively in the immediate vicinity of the launch airport so that a safe gliding return under any conditions is always possible. A smaller subset of glider pilots embark on longer distance flights away from the immediate area of the launch airport. Flights of many hours are possible on idea soaring days, and distances traveled can be many hundreds of miles. A somewhat rare phenomena called 'mountain wave' – oscillating air currents on the leeward side of a mountain arising as wind blowing over the high terrain – even allows gliders to reach altitudes of 25,000' or more! When it's time to land, a glider uses wing mounted 'spoilers' – devices that pop out of the wing to kill lift – to manage their approach and landing. By modulating the spoilers in-an-out, a precise glide path to a desired 'aim point' on the ground can be attained. Glider pilots practice precision landings on every flight!

A reminder that on June 24th, the club will host a Multi-Club Swap Meet at the Ogonowski Model Flying Field from 10AM until 3PM. This event is open to all, and will be a great opportunity to buy and sell RC related models, parts, and equipment! Please join us and clean out your workshop or garage, or to acquire a new model for your collection! Open flying, and flying demonstrations will be conducted thru-out the day, so non-members be sure to bring proof of AMA membership if you'd like to fly! A barbeque lunch consisting of hamburgers, hot dogs, chips, soda, and dessert

will be available for a nominal donation to the club. The barbeque will begin at 12 noon. The rain date for this event is the following day on June 25th. As always, full details are available on the website!

A reminder that the weekly 'Car Race Night' on Tuesday evenings, and 'Flight Training Night' on Thursday night has resumed for the 2023 season! The weather has improved significantly, and we are off to a good start so far! The plan is to have an informal barbeque of hamburgers and hotdogs at each of these weekly events when the weather permits. These activities are a great excuse to get out of the house on a weekday evening, so please plan to come out and enjoy the fun on Tuesday and Thursday evenings all summer!

Again, a reminder that each month the BOD will meet on the **Wednesday** evening immediately preceding the regular club meeting. Occasionally, the BOD does not meet in a given month due to schedule or calendar conflicts, and every effort will be made to notify the membership by email when this happens. As always, there is plenty of room at every BOD meeting, and the atmosphere is informal, so we invite interested members to attend! The next regular BOD meeting will be held on Wednesday June 28th, 2023 at 7:30 PM.

I hope you see all of you at upcoming club meetings, and at the field!

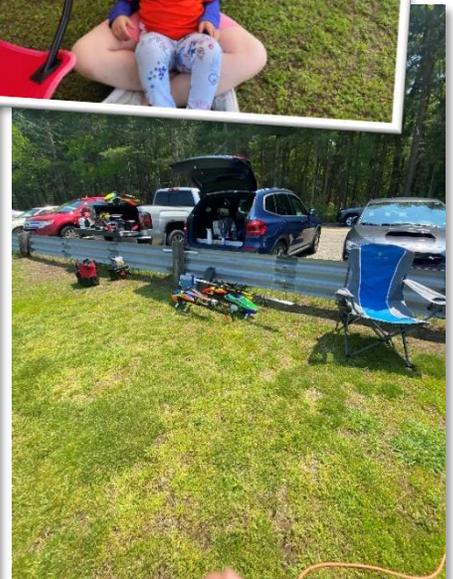


John Morley
President, The 495th R/C Squadron, Inc.

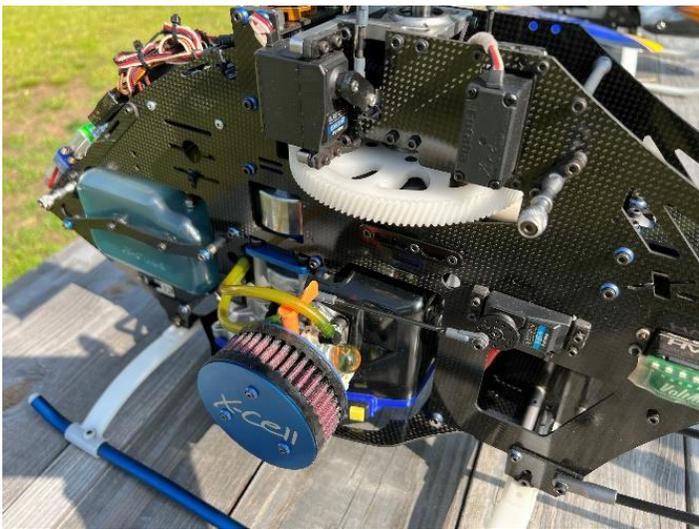
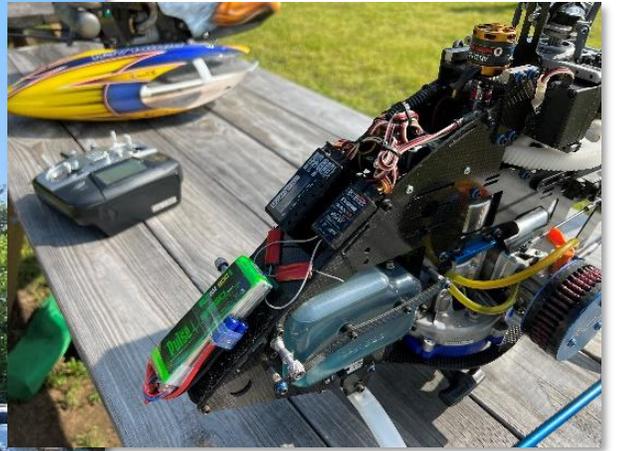
June 1st, 2023

Heli Fun Fly

Saturday May 20th – Hello Members, This is a reminder that this Saturday, May 20th, is the annual Helicopter Fun Fly at the Ogonowski Memorial Flying Field! Starting at 10AM, and running until dusk, this promises to be a fun filled and exciting event! Please come out and enjoy a fun filled day of helicopter flying at Ogonowski Field!









Planes For Sales

I'm planning to sell off my two larger planes. I just don't fly enough to trust my skills anymore. I'll keep my smaller planes just in case I get the urge to fly. Fact is, I'm just getting old!

I'm putting the word out to see who might be interested. Both planes are Flightline models from Motion RC. They both have complete custom paint jobs. They both have Spectrum receivers and I can export the Tx file if you would like.



They are both dialed in real nice, and they are both well behaved in the air. The counter rotating props make take offs a breeze. Original documentation will be included. Price will be very reasonable.

Contact Ernie Poole
erniepoole@verizon.net
978-604-8321



Multi - Club Swap Meet 2023

On Saturday, June 24th, the 495th R/C Squadron, Inc. will host a multi-club swap meet at the Ogonowski Memorial Flying Field. Starting at 10AM, and running until 2PM, this event will be an opportunity for our club members, and members of other clubs to buy, sell, and swap R/C related equipment! There will be no fee for participating in the swap meet, and a barbeque lunch will be served for a modest donation! All participants are encouraged to bring tables, chairs and sun shades as required for this event! Open flying (must be AMA members for non-club members), and driving will be permitted during the event!

The date for the Multi-Club swap meet will be Saturday, June 24th, 2023, with a rain date of Sunday, June 25th, 2023.



Club Calendar

Club Events

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Dec. 6, 2023	Club Meeting

R/C Suppliers:

ABC RC & Hobby 11 Rockingham Rd, Windham, NH https://www.horizonhobby.com	(603) 458-6481 All Around
http://hobbyking.com	All Around
https://rcexcitement.com	Cars
https://twistedhobbys.com	Profile Foamies
https://innov8tivedesigns.com	Great Motors
https://fpvlab.com/	FPV Equipment
http://www.crashtesthobby.com	Toughest Planes
https://www.towerhobbies.com	All Around
http://www.amazon.com	Extra All Around

Handy Links:

Renew Your AMA Membership Online
<https://www.modelaircraft.org/joinrenew.aspx>

495th Membership Application
http://www.495thsquadron.org/PDF_Files/Membership_Application.pdf

Online Groups
<http://www.rcgroups.com/forums/index.php>
<http://www.helifreak.com>
<http://www.wattflyer.com/forums>
<http://www.rcuniverse.com>

Local R/C Groups
<http://www.mcrcf.org> Billerica, Mass
<http://www.burlington-rc.com> Burlington, Mass
<http://www.nhflyingtigers.com/> Derry, NH
<http://www.snhrc.org> Hudson, NH
<http://www.snhflyingeagles.org> Merrimack, NH

R/C Related Podcast
<http://allthingsthatfly.com/> Excellent electric power help
<http://rctodayshow.com/> Mixed group with great advice