

Pilot Briefing

Mid Hudson Radio Control Society



Volume 9, Issue 3

May 2017

Note: Click Links in articles to Follow

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President's Corner

I want to thank the members who showed up at the work party to get the George Buso (Wallkill) field ready for this year's flying season. Many members showed up despite the weather being cloudy and drizzling on and off throughout the day. It did make for a good temperature for working. The field was rolled the roadway coming in had ruts filled put could not be rolled as the roller was getting stuck. The field was also marked off the show the area of the 30 feet by 150 foot fabric run way, and a good discussion on it. It was decided to paint the 30 feet by 150 foot with line paint so members can see how they can take-off and land using the paint as a guide.

The George Buso (Wallkill) field is officially opened for flying, just be careful of the road as it can be very muddy use your best judgment. Hopefully there will be some new models flying at the field this year. I plan on having my scratch built 1/3 scale Dr-1 flying with the help of Warren for its maiden flight.

Some who attended the AMA Expo East (WRAM) show stated that it was okay and they expect that next year it should be better, and that AMA had a great presence there.

It was mentioned at the monthly meeting that the Redwing field has a for sale sign on it. At this time no one knows what the future brings for Redwing. So if any of you know of any farms or large properties out there that we might be able to use, even if it is for sale we might be able to use it before it is sold. Get the information to one of the board members.

I hope everyone who turned out for the Sat, 20 Jun Float Fly had a good time. It seemed like a good flying day with cool temps, light wind, and

overcast skies. Thanks to Jerry Rohling for running the event.

Regards,

Pete

MHRCS 2017 President

MAJOR FAA UPDATE

Relief, At Last! The "system" works.

Court Strikes Down FAA Rule Requiring Drone Registration

Yes, you are reading that correctly. Somewhat out of the blue came an announcement on Friday, 19 May that John A Taylor prevailed in his lawsuit against the FAA "Drone" registration ruling.

On RCGroups (click):

[Federal Appeals Court: The FAA's Registration Rule Violates Section 336](#)

I had a chance to speak to John directly a year and a half ago by phone, when I caught him in his office in Baltimore on a Saturday afternoon. One coverage of the story can be found [HERE](#) and many more can be found by googling. One subnote was that Brendan Schulman, Esq., who successfully sued the FAA regarding heavy penalties against early drone flyers, is instead **on the side of the tough FAA rules**, now that he represents DJI, a Chinese drone manufacturer. This is [the LIST](#) of DJI and other major manufactures with the financial persuasion to be members of the Drone Registration Task Force, which includes the AMA.



Hooray for John A. Taylor. Now, how do we get our \$25 registration fee back??>

MHRCS Membership Renewals

Reminder – Be Mindful of your AMA Membership Renewal Date!

Something to be aware of...

As many of you are aware by now, the AMA changed its billing policy last year so that your membership is on a rolling 12-month basis, where single- and multi-year AMA memberships had previously started 1 Jan and ended 31 Dec of any year.

It is up to you to keep current on your Membership. You cannot fly at any MHRCS field without active AMA registration. Revised MHRCS Bylaws will include a clause reflecting serious penalties if you do fly without a current AMA membership.

Artificial Runway Discussion

As most of you are probably aware, there has been much discussion and interest regarding a concept Rick Rizza offered about putting down a fabric surface to the Wallkill field that will accommodate small wheels of small and medium size electrics, especially. The benefit would be to fuel planes as well. The surface is a commercial

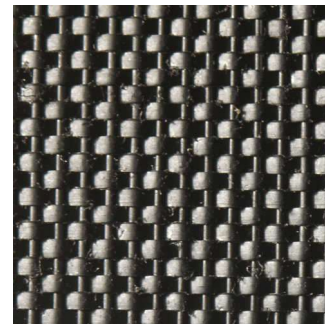
Links: [MHRCS forum thread](#) & [Manufacturers site](#)

The best way to understand what the surface entails is to download the very good documents that have links on the MHRCS, which cover many years of learning by other clubs. Link to AMA video comments on using this surface: [LINK](#).

Laying down the fabric, from AMA video:



Close Up of Farbric, from Mfctr's Site:



The fabric comes in 300ft x15ft rolls. During the Wallkill party, little lawn flags were arranged on the field to indicate what a 150ft x 30ft layout would look like. This exhibit helped much in getting a feel for how the field would change with the addition of a fabric surface. There are positives and negatives of using this kind of surface, and using the MHRCS forum is the best way to express interest and concerns. Attend the club meetings to hear more and be heard. If approved by the members, the surface can be in place this season.

Builder's Corner

Here's an item that Jer Milosek sent in – something he came across that helped him with one of his builds:

Youtube: [How to make your servo arm Longer - RC Plane](#). A little CA adhesive and shrink tubing goes a long way.

***Quick editor's note about viewing Youtube videos. One of the greatest features of the internet is that Youtube allows you to speed up the rate of any Youtube video. Hover your mouse over the video and click the little gear (settings)

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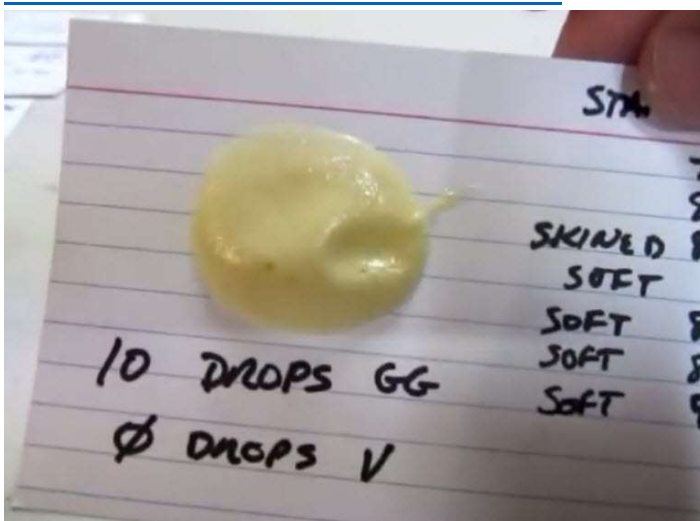
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icon. In there, you will see an item for "Speed." You can set viewing speed up or down. I find most videos can be sped up to 1.5x and even 2x and still be intelligible.



Tip 2: Do you need to speed up the curing time for Gorilla Glue or other PolyUrethane (PU) glues? This technique using baking soda and vinegar create the moisture through your entire glue application that really cuts the time of cure down, in most instances. The builder in the video does a few tests with different recipes of vinegar and baking soda.

[How To Fast Cure Gorilla Glue.](#)



Have any new or favorite tips of your own? Please send them on...

Battery Technology Scuttlebutt

First, breakthru announced 2017: The announcement of new battery technology is fairly regular frequent. The big question is, "Which tech will open new performance plateaus in our RC hobby?" Many technology breakthroughs are overstated, but the latest tech from one of LiPo's founders, John Goodenough, could lead us the next performance leap:

[94-year-old inventor](#) of li-ion battery unveils solid-state battery breakthrough for fast-charging, 3x energy capacity, and more

Second, are LiPo batteries claiming to be or contain "Graphene" really graphene? Graphene was discovered by accident at the U. of Manchester in 2004: Story. It is a one-atom thick network of carbon atoms. It is not likely that the Walmart of RC Shopping, Hobbyking, would be the first outlet to be gifted with graphene Lipo storage. The following reads are informative about LiPos, in general, even though they focus on evaluating graphene.

1. Graphene Batteries Appear, Results Questionable (Feb 2016)
2. Actual Evaluation: [Turnigy Graphene](#) (RCGroups thread, starting Jan 2016 but running thru May 2017, and still going)

Upcoming Events

See also [AMA Events Site](#)

MHRCS Events

1. Annual Float Fly
Sat 20 May 2017
Regrettably, I was unable to attend yesterday's event after acquiring a nice .46 float plane from an

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estate sale, over the winter– please forward pics and stories for the next newsletter

2. Field Meetings
 - a. Spring Fun Fly, Old Rhinebeck Aerodrome
Sat, Sun 3, 4 June
VOLUNTEERS NEEDED! Please sign up soon.
 - b. June meeting has been moved to Sat
10 June, 9 a.m. at Wallkill
 - c. July Meeting
Sat, 8 June Wallkill
 - d. August, 5 June, Wallkill

3. Rhinebeck Jamboree

Fri-Sat 8-10 September

Please sign up now as volunteers

Sampling of Non- MHRCS Events of Note

See [AMA Events site](#)

Please send in reports/accounts of any events you may attend – there are surely MHRCS members who will appreciate (especially me, the editor(!))

1. Warbirds over the Hudson
Sat 10 June, Haverstraw NY
2. Sailplanes – Hammondsport
Windy Ridge Aerotow
Thurs-Fri 1-4 June
Fly there Thurs, Fri, then fly at ORA on Sat and Sun!
3. Big Bird Fly – Bridgewater, NJ
All 1/4 scale, mono wing aircraft ≥ 72 in and multiwing ≥ 60 in
Sat 24 June
4. FliteFest East – Foam, foam, and more foam
Malvern, OH
Thurs – Sun 13-16 July

[Registration Page](#)

Regional Aviation Attractions

Rainy-Day Activities (click links, below, to follow)

We always have the opportunity to organize a club caravan to any of these museums – contact newsletter director if interested.

1. [New England Air Museum](#)
Windsor Locks, CT
1hr 46 minutes from Rte 9 / US84 intersection, Fishkill
Feb 18
2. [Glenn H. Curtiss Museum](#)
Hammondsport, NY
4 hours from Rte 9 / US84 intersection, Fishkill
3. [Cradle of Aviation Museum, Planetarium and Theatre](#)
Garden City, Long Island
1hr 35 minutes from Rte 9 / US84 intersection, Fishkill
4. [The Intrepid Sea, Air & Space Museum](#)
On the Intrepid aircraft carrier
New York, NY
5. Mid Atlantic Air Museum
Reading Regional Airport
Reading, PA
6. Golden Age Air Museum
Grimes Airport
Bethel, PA
7. Harold F. Pitcairn Wings of Freedom Museum
Horsham, PA
8. Piper Aviation Museum
William T. Piper Memorial
Lock Haven, PA
9. MHRCS Members – Let me add Your Recommendations Here!

From the newsletter editor...

Request for Articles and News

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Hey everybody, you can't spell newsletter without news! Let me know what's going on.

Builds

Big, medium, small, rebuilds – it's all fair game for articles or just short mentions. We have a club of extraordinarily skilled builders with newsworthy projects. Tips, materials, skills, tools, and gotchas all welcome.

New Members

Welcome to all new members. If all went well with getting you "onboarded" you should be getting these newsletters by email. I look forward to meeting up with you and getting your model aircraft story, to share with the club.

Flights

Anybody logging their flight time, or even just have an interesting flight to share – let's chat.

Competition

If you are competing or even accidentally win an award, please get in touch with me.

Airborne Video: Anyone thinking of connecting video in their planes for this season? Contact me about adding to a future newsletter stories.

Battery Technology

Whether you fly fuel or electric, battery technology has revolutionized model flying

Road Trip Reports

Did you visit one of the regional flight attractions listed in this newsletter or find a new one to add? Let's hear about it!