



# NEWS AT THE TOP

April 2024

## From the Editor by Anthony Curcuruto

To help encourage members to attend our club meetings, I often have coffee and some sort of cake or have a member bring in a plane. This month I asked Jack Scancarell to bring in a project he is working on.

Last year Jack brought in some small items he printed on his 3D printer and mentioned he was working on printing a plane. Well, he made considerable progress on the plane and I asked he to bring it to a meeting and talk about it. The plane was incredible.

While it was not ready to fly as of yet, the shell was complete. Perhaps it will be ready to fly at one of our meetings at the fields!

Speaking about meetings at the field, the next four will be at the fields starting with Reynolds Field then Hardyston. We will be meeting at 7:00 instead of 7:30, so make note.

**Come early and fly.**

## Reynolds Field

Over the winter, Fred Grafe did some work on the road leading to Reynolds Field. Following that, we had snow and a lot of rain and wind. There was significant runoff from the area around the road causing the road to be water logged.

I asked members not to drive on the road if it seems wet. Well, maybe members made ruts or maybe others that visited the fields near our damaged the road. In any case the road was a mess. Well, Mike Powers did a nice job repairing the road behind the barn.

Did I mention the barn collapsed and the roof was overhanging the road, making it unpassable for trailers. I called the State Park and met with the maintenance supervisor last week to discuss how we could take care of the issue. Well, he made some holes in the roof and pulled it off of the road.

Mike Cassella spent a good amount of time with his brush hog clearing the area around the field. Joe Florio cleared up the tall grass on the sides of the road.

So, thanks to all of them, we are ready for the flying season.

# April 2024 Meeting Minutes

The meeting was called to order at the Andover Borough Senior Center at 7:30 PM. There were 15 members present including one guest – Lillian Orton (the wife of a club member Luke). Pat was absent and the Honorable John Morgan ran the meeting. The minutes from the previous meeting were read and approved without correction.

Treasurers Report: The January ending balance was \$7,581.69. After debits and credits, the ending balance was \$15,043.81. A more detailed report is in the newsletter.

## Field Reports:

Reynolds :

- Most of the area around the field has been brush hogged.
- The road is a mess – Mike Powers did some repairs.
- Met with Maintenance Supervisor for Allamuchy State Park to remediate the collapse of the barn adjacent to the road leading to the field. Hope to have it cleared by the meeting.

Hardyston: The field is a little wet, especially where that indentation is. The road has a few puddles.

Safety Report: No Issues

Flight Training: Flight Training is available by appointment. Please call Anthony at (908) 256-2342.

Membership Report: Our membership drive started in January. So far we have only one applicant. A full membership breakdown is in the newsletter.

## Old Business

- Going forward a transponder needs to be in your aircraft if you fly in a non-FRIA area.
- Meetings at the Field – Swap Meet at each – July and August – Pizza
- The spring and summer meeting are to start at 7:00 rather than 7:30. Come early and fly.

<b>May 16th</b>	Reynolds
<b>June 20th</b>	Hardyston
<b>July 18th</b>	Reynolds
<b>August 15th</b>	Hardyston

**New Business:** Reynolds lease payment for 2024 has been paid.

Bring in a new project or plane

A great presentations was made by Jack Scancarella – 3D printed Plane

The meeting adjourned at 8:45

## CONTACT THE TOP O' NEW JERSEY

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Treasurer: Anthony Curcuruto (908) 256-2342

Hardyston Field Chairman: Frank Fanelli (973) 827- 4579

Reynolds Field Chairman: Anthony Curcuruto

Ways & Means: Frank Costello (973) 361-4451

Newsletter Editor/Publisher: Anthony Curcuruto (908) 256-2342

Reynolds Safety Officer: Scott Geller (973) 464-5995

Membership: Anthony Curcuruto (908) 256-2342

## Meeting Schedule for 2024

<b>January 18th</b>	Andover Borough Senior Center
<b>February</b>	No Meeting
<b>March</b>	No Meeting
<b>April 18th</b>	Andover Borough Senior Center
<b>May 16th</b>	Reynolds
<b>June 20th</b>	Hardyston
<b>July 18th</b>	Reynolds
<b>August 15th</b>	Hardyston
<b>September 19th</b>	Andover Borough Senior Center
<b>October 17th</b>	Andover Borough Senior Center
<b>November 21st</b>	Andover Borough Senior Center
<b>December</b>	No Meeting

**The next meeting will be on May 16th at 7 pm at the Reynolds Field.**

## Treasurer's Report

April 2024

The January beginning balance is \$7,581.69. Collections for the 3-month period total \$5,115 represented by Dues \$4,260, Applications \$25, Donations \$470. Expenses for the 3 months totaled \$568 represented by Annual Report \$33, DEP 135, AMA \$300 and room rental \$100.

The result is an ending balance of \$15,043.81.

Reserves are as follows:

Encumbered for 2024 Operations	\$4,547
General Reserve	5,497
Reynolds Field Reserve	3,000
Event Reserve	<u>2,000</u>
Total	\$15,044

While the general reserve seems really high, we have not received a bill for the mowing at Hardyston for 2023.

Donations – Mike Casella, Scot Geller, Fred Graf, John Guerrucci, Karl Jacob (the only Life Member), Mike Powers, Jeff Smith

# Membership Breakdown

## Where Members Fly

Hardyston 16  
Reynolds 59

## Membership Breakdown

Full Member 66  
Applicants 1  
Junior Member 2  
Life Member 11  
Club Officers 3  
Misc 1  
Total 84

## Members by Age

Under 18 2  
19-30 1  
31-40 4  
41-50 7  
51-60 24  
61-70 19  
Over 70 25

Members that are no longer in the club. We lost 10 members this year.

Abati	Donald
Arnold	Jake
Conarello	Nick
Davis	Leonard
Gurlacz	Rick
Hoffman	Thomas
Matlaga	Steven
Natale	Joseph
Radimer	Willard R.
Sullivan	Richard

## ZEEE Batteries



[Zeee RC Lipo Battery official store](http://zeebattery.com)  
[zeebattery.com](http://zeebattery.com)

I have had a lot of luck with Zeee batteries. They are better than any I bought so far. Check them out by clicking the line in the illustration above.

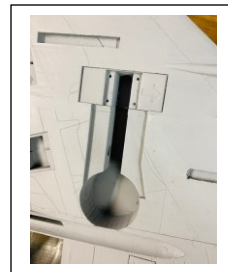
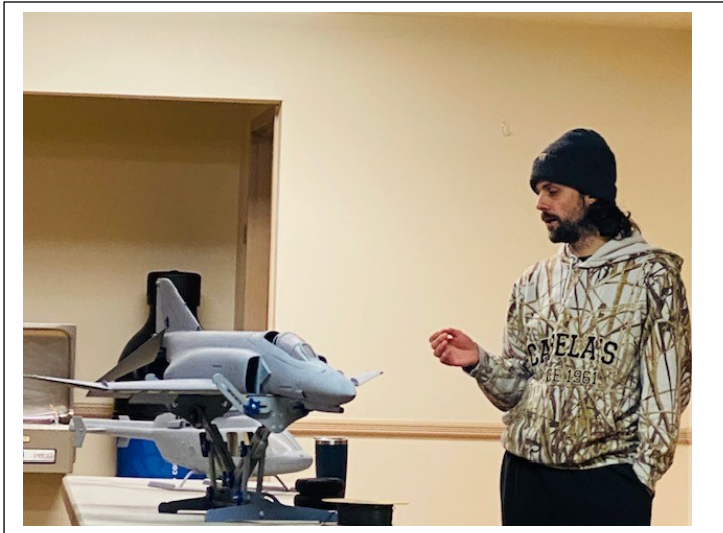
## Building a Model Airplane

Back in the 1900's, you built R/C planes from balsa and plywood in some areas. Later on you added light plywood and carbon fiber. Then, came the era of fiberglass with plywood formers. As of late, you got a mixture of all three depending on the size and purpose. Oh wait, I forgot to include various types of foam.

Well, Jack Scancarella embraced the newer technology for building R/C airplanes – 3D printing. Last year he brought in some small parts he made with the printer and mentioned that he was working on a 3D printer helicopter. He also mentioned that he is going to print a plane. Well that he did and he brought both to our April meeting.

The cost of printing the plane is rather inexpensive. A roll costing \$40 is about all you need. The plans another \$20. Time to print is another story. I believe Jack mentioned that it took over 72 hours. Assemble is time consuming with a lot of trial and error.

Picture below is a Phantom II that Jack printed. The plans call for a 80 to 90 EDF. Jack plans on putting in a 90 EDF with a 6S LIPO. Calculating the weight and the thrust of the EDF, Jack hopes to achieve a 1 to 1 ration. Jack will install electric retracts and simulated after burners. I can't wait to see it fly.



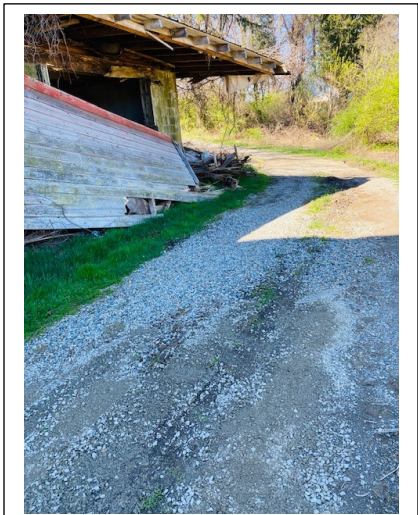
# Reynolds Field



Mike Casella clearing the brush



Joe Florio trimming the grass near the road



The Repair Mike Powers Made Behind the Barn



The Other Repair Mike Powers Made



The Barn Roof Hanging over the road



The roof was moved away from the road.