



NEWS AT THE TOP

June, 2019

It's About the Batteries

Batteries have several different characteristics. LiPo (Lithium Polymer) batteries are standard for the RC hobby.

The first thing to talk about is the battery's voltage. While the batteries exact voltage may not be printed on the battery itself but it will tell how many cells the battery has. LiPo batteries are made up of cells. Each cell is 3.7 volts. for example, if a battery is a 2s battery. This means that is has 2 cells, which would give it a total voltage of 7.4 volts. These cells fully discharged should NOT go below 3.3 volts and the cells fully charged should not go 4.21 volts. So, for a 3S battery fresh off the charger it will be about 12.4 volts. You can drain that battery all the way down to 10.6 volts. The less you drain the battery the better.

The next thing is the Amp capacity. The battery shown above is a 2200 MAH battery. This means the battery can supply 2200 milliamps over a 1-hour period.

Finally, there is the discharge rate. This particular battery has a 25c discharge rate. This is how much current the battery is able to supply. The higher the discharge rate, the more power you will get from your battery. In order to see how much current your battery can deliver, multiply the C rating by the capacity of the battery in amps. For instance, the battery shown above is a 2.2 amp (2200mAh) battery with a C rating of 25. $25 \times 2.2 = 55$. This means during its lifetime 12.6 volts down to 10.6 this battery can constantly supply up 55 amps of current. This is plenty enough to power any foamboard planes.

Secretary's Report - June 2019 Meeting Minutes

The meeting was called to order at 7:30 PM at the Andover Borough Senior Center. There were 12 members present and all of the club officers. The Minutes were approved as read.

Treasurers Report:

The old balance was \$14,413.56. The new balance after debits and credits was \$12,086.77. A more detailed report is in the newsletter.

Field Reports: Both fields are in good flying shape.

Field Report Safety:

Members are parking below the pit area as indicated in the May newsletter. Also, two more Flight station fences were added totaling five are now in use. Officers thought that was not enough, so a fence will be added.

Membership:

We have two applicants for membership so far. There was a guest at the meeting who also will submit an application.

Old Business:

Pat mentioned that all had a good time at the field dedication. He thanked all that were able to attend. He also thanked Scott Geller, John Skewes, Joe Florio and I for getting the field in great shape for the event.

Pat attended the Greenwood Airshow. It is a great event. We will look into having a static display there next year.

New Business:

Keep an eye out for poachers. There are rare reptiles near our field.

Warbirds over Delaware is next month.

The July club meeting will be at Reynolds Field and the August meeting will be

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Warbirds Over Delaware

Warbirds Over Delaware (WOD) is one of the oldest, largest, and most respected events of its type in the country. It features some of the most amazing pilots and builders of radio controlled aircraft in the country. Warbirds Over Delaware is an AMA (Academy of Model Aeronautics) and IMAA (International Miniature Aircraft Association) event.

If you have time to attend only one R/C event, WOD is the event you want to attend. Check out the event Facebook page at <https://www.facebook.com/warbirdsoverdelaware/>.



Scott Geller with two of his gorgeous jets.

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at Hardyston. We will be having a BBQ and a tailgate swap meet at both meetings. **Time will be 7:00pm.**

Bob Grodeska brought in a Stuka for model of the month. He is selling it as well as other planes he has.



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Event Schedule for 2019

Monthly Meeting	
January 17, 2019	
February 21, 2019	
March 21, 2019	
April 18, 2019	
May 16, 2019	
June 20, 2019	
July 18, 2019 Reynolds	
August 15, 2019 Hardyston	
September 19, 2019	
October 17, 2019	
November 21, 2019	
December 2190, 2019	

***The next club meeting will be
on July 18th at 7:00pm
Reynolds Field***

Treasurer's Report - June, 2019

April's opening balance was \$14,413.56. Collections for the 2 month period totaled \$933.56, represented by one application \$125.00, AMA field reimbursement \$783.56 and 50/50 \$25. Expenses for the same period totaled \$3,261.35 represented by IRS \$600 exempt status application, Mowing \$850 and Reynolds Field road improvements \$1,811.35. The result of the above is a May ending balance of \$12,086.77.

Reserves are as follows:

Encumbered for Operations	\$ 4,246
General Reserve	\$ 2,500
Event Reserve	\$ 2,000
Reynolds Field Reserve	\$ 3,341
Total	\$12,087