



PLANE TALK

PROP MASTERS R/C NEWSLETTER



AMA CHARTER CLUB #397

NAPERVILLE, ILLINOIS

APRIL, 2020

Hi Guys,

It's April; hope you are all well. As we all follow the CDC guidance by practicing Social Distancing, our April meeting will be a **VIDEO** meeting. The Board members had one and it worked well. We will be using **Zoom**; Jeff Cowan will host the meeting. If you are interested in attending, please contact me at camptom@wowway.com so we can add you to the invite list. The meeting will be on April 28th at 7:30PM, the same date and time as our regular meeting. If you can join the meeting from your shop, we can all get to see where you build and repair your aircraft. We will do this as our Show and Tell. You can also show any new projects you are working on.

As you all know, the Flight Field is closed until further notices!!! As of now, the paths are open. I did get out before the field was closed and the field looks good. The Forest Preserve cut the long grass around the field. I will be asking if they can roll the field sometime this season, sealcoat, and mark the runway. When the field reopens, I will be striping the field, and will do this at least once a month for the remainder of the season.

After we get back to normal, or a new normal. I would like to have some sort of airshow/flying demo. I think we would get a lot of spectators that would enjoy seeing us fly.

Stay safe, and Well.
PRES
Tommy





Financial Report

Bill Hickey



Financial Report

March 1, 2020 to March 31, 2020

Description	Operating Fund	Field Fund	Total	Comments
Balance March 1, 2020	\$1,353.82	\$3,483.04	\$4,836.86	
Income:	-	-	-	
Dues	40.00	-	40.00	33 members paid to-date.
Total Income	40.00	-	40.00	
Total Cash Available	1,393.82	3,483.04	4,876.86	
Expenses:				
Total Expenses	-	-	-	
Balance March 31, 2020	\$1,393.82	\$3,483.04	\$4,876.86	

Bill Hickey, Prop Masters Treasurer
305 White Oak Drive Naperville, Illinois 60540
zwjh08@gmail.com

Attention Members

It's time to pay your dues. The regular membership dues are \$40 per year, a family membership is \$55 and a junior membership is \$15. Please note that if you joined the club during the last quarter of 2019, your dues carry over into 2020 and no additional payment is required.

When paying your dues, please complete an updated membership form and either mail the form with your payment to me or turn it in with your payment at the meeting. The membership form is on the Prop Masters R/C Aero Club website and is also included with this newsletter. Checks should be made payable to the Prop Masters R/C Aero Club and my address for mailing is shown above.



Meeting Minutes

Jeff Cowan



Meeting minutes - March 31, 2020

Opening:

Meeting canceled due to Coronavirus stay at home and Social Distancing requirements.

Committee

Reports:

Newsletter
Safety
Fun Fly
Forest Preserve
Website
Library
Instruction
Fundraising
Publicity
Nomination
Air Show/Picnic

Old Business:

None.

New Business:

None.

New Members & Guests:

Lost Horizons:

Show and Tell:

(See photo section)

Raffle

Closing:



Gym Stik Rebuild

Joe Bartek



Stay at home is an excuse for building, so I revamped my 27 inch wing span version of Gene Bond's Gym Stik. The AEO C10 motor was running at about its limit to keep the 6 ounce plane flying. My test of this 8 gram motor with a 5X3 prop showed it turning about 11000 RPM on about 24 watts input, consistent with the Heads-Up RC test. Calculated thrust from AdamOne website was about 4 ounces. The nose was a bit battered from hard stalls, but the rest of the plane was in good shape.

I had a bit bigger AEO motor that I bought at a swap meet for \$10, but it had no markings or specs. It weighs 16 g, so I went to the AEO website to find a match in their current offerings. The AEO MF-1904-2500 has matching weight and looks about the same. With a 6X3 prop, it turns about 12000 RPM on 2S using about 45 Watts input to give nearly 8 ounces of thrust, according to the AEO table. So all I needed to do was get a right sized fire wall and ESC. I won a 7A Electrify ESC in the club raffle, so that part was done. A piece of lite-ply left over from a Midwest trainer kit provided the new firewall. I filled in the broken foam behind the firewall and I was done. First test of the motor with a 6X3 prop used 37 watts at full throttle on 2S, so power was likely as I figured. Thrust at the measured 12000 RPM should be nearly 8 ounces. Weight was up to about 7 ounces with a 600 mAh 2S battery, but not a problem with a 1.3 square foot wing. Just need The Yard to open again for flying so I can test it.

AEO C10 (8 g) Motor with factory 5A ESC



AEO 16 g (1904?) motor on rebuilt nose of Gym Stik



Rebuilt Gym Stik (27 inch wingspan)





Fun Fly Committee



2020 Calendar

Date	Event Type	Event Details	Notes
January 7 th	Monthly Meeting	Annual Christmas meeting and points auction.	
January 28 th	Monthly Meeting		
February 25 th	Monthly Meeting		
March 31 st	Monthly Meeting		Meeting canceled due to Coronavirus stay at home and Social Distancing requirements.
April 4 th	Fun Fly	Fly and Glide	Meeting canceled due to Coronavirus stay at home and Social Distancing requirements.
April 28 th	Monthly Meeting		Meeting to be held electronically using "Zoom".
May 2 nd	Fun Fly	Fast and Slow	
May 26 th	Monthly Meeting		
May 30 th	Fun Fly	TBA	
June 6 th & 7 th	Special Event	Festival of Flight at Clow Airport	
in June 30 th	Monthly Meeting		
July 11 th	Air Show	Air Show	
July 28 th	Monthly Meeting		
August 1 st	Fun Fly	Washer drop	
August 25 th	Monthly Meeting		
August 29 th	Picnic Fun Fly	Picnic or Fun Fly	
September 29 th	Monthly Meeting		
October 3 rd	Fun Fly	Qualification	
October 27 th	Monthly Meeting		
November 24 th	Monthly Meeting		
December 29 th	Monthly Meeting	Annual Christmas meeting Auction	

Tom Camp/Jack MacPherson



Prop Masters Organization & Contact Information

Officers/Board Members:

Position	Name	Email address	Phone #
President	Tom Camp	camptom@wowway.com	630-305-9422
Vice President	Mick Pfeifer	Wing881@yahoo.com	630-717-1041
Treasurer	Bill Hickey	zwjh08@gmail.com	630-428-4978
Secretary	Jeff Cowan	jeff_cowan@comcast.net	630-248-4867
Safety Officer	Mike Pettinger	Pettinger.michael@gmail.com	630-234-2393

Elected Board Members:

Dave Engel	davidengel0388@att.net	630-305-0457
Hank Bourassa	gohsthb@gmail.com	331-684-8209
Ray Luchetti	rluchetti@att.net	630-220-5423

Committee Members:

Fun Fly Committee	
Jack Macpherson Chairman	630-234-1185 macphersonjack@yahoo.com
Dan Nosek	708-567-0771 sleddheadd@comcast.net
Dennis Grillo	312-961-8328 3threepets@comcast.com
Publicity Director	
Harlan Davis	630-420-1076 hdavis@wowway.com
Nominating Committee	
Harlan Davis - Chairman	630-420-1076 hdavis@wowway.com
Forest Preserve Relations	
Tom Camp - Chairman	630-305-9422 camptom@wowway.com
Dave Cotton	630-637-0354 dcotton@wowway.com
Raffle Committee	
Harlan Davis, Chairman	630-420-1076 hdavis@wowway.com
Mick Pfeifer	630-717-1041 Wing881@yahoo.com

Instructors	
Tom Camp Chief Flight Instructor	630-305-9422 camptom@wowway.com
Mick Pfeifer	630-717-1041 Wing881@yahoo.com
Fund Raising Committee	
Harlan Davis	630-420-1076 hdavis@wowway.com
Librarian	
Hank Bourassa	331-684-8209 gohsthb@gmail.com
Webmaster	
Mike Pettinger	630-234-2393 Pettinger.michael@gmail.com
Newsletter Editor	
Ray Luchetti	630-357-4022 rluchetti@att.net
Air Show	
Tom Camp	630-305-9422 camptom@wowway.com
Dave Engel	630-305-0457 davidengel0388@att.net

Visit the Prop Masters R/C Club Web Site at <http://www.propmastersrc.org>

Support your local Hobby Shop

Leisure Hours Hobbies
16300 South Lincoln Highway (US Rte. 30)
Plainfield, IL 60568
815-439-1477

Walt's Hobby Shop
2207 Plainfield Road
Joliet, IL 60435
815-741-0043

HobbyTown USA - Orland
15551 South 94th Avenue
Orland Park, IL 60462
708-349-8697

Strictly R/C
7713 West Lawrence Avenue
Norridge, IL 60706
708-456-9100

HobbyTown USA – St. Charles
2061A Lincoln Highway (St Rte. 38)
St. Charles, IL 60174
630-587-1256

Next Meeting: Tuesday April 28, 2020, 7:30 p.m. . Meeting will be held remotely using Zoom, a WEB based video conference software.

Prop Masters R/C Aero Club Membership Form

Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Du Page Forest Preserve Permit #: _____ AMA #: _____

Email Address: _____

Home Phone #: _____

Work Phone #: _____

Choose Below: Make Check Payable to **Prop Masters R/C Aero Club**

Family Membership (Two or more living at the same residence): \$ 55.00

Senior Membership (Age 22 or Older): \$ 40.00

Junior Membership (Age 1 to 21): \$ 15.00

Total \$ _____

Send To: Bill Hickey

Treasurer – Prop Masters R/C Aero Club

305 White Oak Drive Naperville Illinois 60540

DUES SHOULD BE PAID BY April 1st.

My primary interest is: Pattern: _____ Sport: _____ Electric: _____ Soaring: _____ Giant: _____ Scale: _____ Other: _____

In 20__ I plan to use the following RC frequencies: a: _____ b: _____ c: _____

OFFICE USE ONLY

1. Entered in Prop Masters Member Tracker
2. Entered in Prop Masters Points Tracker
3. Badge ordered = Badge received