



Announcing Next Winter Meeting by Zoom! Wednesday March 3rd @ 7:30 PM



Since we cannot have “in-person” winter meetings at the Weston Golf and Country Club this year, we will hold the next club winter Meeting by Zoom on Wednesday March 3rd at 7:30 pm. [Watch your email coming soon for the Zoom Invitation.](#)

2021 Annual General Meeting (AGM) Report

Administrative Items:

For the first time, the Annual General Meeting was held on February 3rd via Zoom due to the COVID-19 pandemic which prohibited in person gatherings. But the meeting was very well attended with 24 members connecting on the Zoom call. **Zoltan Pittner** checked off the members who were in attendance plus 6 proxies that were received and declared that we were well in excess of the minimum requirements for a quorum and the AGM could proceed. The meeting was called to order at 7:39pm and **Tom Gottlieb** made the opening announcements informing the attendees that the club membership consisted of 46 pilots, 12 students and 9 instructors for a total of 67 paid 2021 members. There were still 20 - 2020 members who had not yet renewed. **Zoltan Pittner** moved to approve the Agenda as presented and this was seconded by **Bruce Gillespie** and carried. **Milt Charlton** read the minutes of the 2020 AGM which were published in the March 2020 Flyer. **Bruce Gillespie** moved to approve the minutes which was seconded by **Zoltan Pittner** and carried.



Executive Reports:

President **Tom Gottlieb** explained that his efforts this year were dominated by the COVID-19 rules imposed by the City. He worked closely with the Parks permit officer and got the field open several weeks before other clubs were issued permits. This was in large part due to our efficient web site and field booking capability developed by our Web Master and VP, **Zoltan Pittner**. The club also renewed its banking arrangements with TD bank last year to allow online banking and eTransfers. We dropped the “Inc” designation from the club logo and materials as it was determined that while we are an Ontario non-profit corporation, we are not incorporated. Tom reported a successful flying season with no major issues. He reported that he also negotiated a new winter flying permit that was required by the City for the first time in over 30 years.

Vice President **Zoltan Pittner** summarized the major development and ongoing enhancements of the club’s new web site which included easier membership management, member’s section benefits, and automated application and renewal process - all done at no cost to the club. Zoltan also organized and led projects to replace the shelter roof and complete the North half of the geotextile runway with the help of many club volunteers. Zoltan also works behind the scenes to comply with new MAAC rules to post member’s pilot/student or instructor status and keeps this information current. He also introduced a new Drone/Heli membership status and electronic distribution of member cards with QR code lookup.

Program Director **Paul McMillan** reported a successful summer fun fly and New Year’s Day fly event but unfortunately

other events had to be cancelled due to COVID-19 restrictions. He is hoping for a better season of events next year.

Treasurer **Bruce Gillespie** presented the financial statements and budget. Since we did not need to spend the money budgeted for the web site and with the deferral of field maintenance and no spending on winter meetings and events due to COVID-19, we ended the year to October 31, 2020 with a net surplus of \$1,238.15 rather than the budgeted loss of \$1,350.00. **Bob Bader** moved to approve the Financial Statements which was seconded by **Vince Albano** and carried.

After presenting the 2021 budget, there was considerable discussion from members wanting to add budget items for a second storage container and an extension to the runway to accommodate jets. Bruce explained that additional projects could be added if a proposal was received with a well-developed cost estimate and implementation plan. If approved by the executive, new projects could be voted on and approved by the membership via proper notice and special vote. Following this discussion, **Mark Willer** moved to approve the 2021 budget which was seconded by **Fardad Soleimanloo** and carried.

Chief Flight Instructor **Randall Thomas** reported a successful year of student instruction that was limited due to the COVID-19 restrictions. The limitations were somewhat mitigated by the use of his master Spektrum Tx that could link with any student flying a Spektrum radio. He also reminded all members to make sure their airplanes included the ID labels required MAAC. Randall noted that even two junior members got their wings this year.

Elections:

Mike D’Antonio decided to step down as Field Officer this year and the club thanks him for his efforts. **Ethan Earle** had accepted a nomination to run and introduced himself to the membership. He explained that he had joined as a Drone pilot after moving to Canada from the UK but was now enrolled in the fixed wing pilot program as well.

All other 2019 executives stood for re-election and were acclaimed as was **Ethan Earle** as our new Field Officer.

The executive reappointed **Randall Thomas** as Chief Flight Instructor and Safety Officer. Randall accepted the appointment.

Closing:

As there was no other business, **Randall Thomas** moved to close the AGM at 8:47pm which was seconded by **Yonas Lijam** and carried.

Your Club Executive Updated for 2021

President & Editor, Tom Gottlieb	(416) 781-3189
Past President, Val Oddo	(416) 566-9807
Vice President, Zoltan Pittner	(416) 823-0796
Treasurer & Membership, Bruce Gillespie.....	(416) 741-4385
Secretary, Milt Charlton.....	(647) 974-6391
Program Director, Paul McMillan	(647) 618-8291
Field Officer, Ethan Earle	(647) 774-2248
Chief Flight Instructor, Randall Thomas	(647) 545-5494
Chief Safety Officer, Randall Thomas.....	(647) 545-5494



Show & Tell Report from the Feb 3rd Meeting

We had some interesting presentations at the Feb 3rd meeting after the conclusion of the formal AGM. There was a lot of interest and discussion that followed so we decided to do more Show and Tell at the next meeting.

Using Pandemic Face Shield to Make a Windscreen



Gord Spasojevic showed us a big 80" Hangar 9 Cub he picked up this year that was pretty beat up but had a .91 OS 4-stroke in it and looked like it could be made airworthy again. After a lot of work, it was almost back together but the windshield could not be saved. Gord showed us how he was able to fashion a new windshield from a COVID-19 face shield, some gentle use of a heat gun and



some coaxing around a wooden block. Here is the finished result and it looks great. Finding innovative solutions to challenging problems is what makes RC modeling so interesting and fun. Great job Gord. You finally made the pandemic good for something!

3D Printing Airplanes are Coming!

Walter Lam gave us an interesting talk on his progress with 3D printing. He started trying out this new technology back in the fall and has become pretty good at it. He has had several successful airplanes flying this year and has learned a lot along the way.



Walter has been interested in model airplanes since he was a young boy and flew his first 2 channel RC model when he was only 12. He became a mechanical engineer and currently works in aircraft maintenance engineering so he was even able to turn his boyhood passion into a career. He was one of the first to try electric power when motors were weak and NiCads were the only source of power. These early electrics could barely fly circuits but he never gave up. You can see that Walter is an aggressive early adopter of new technologies. Combine that with great building skills, and you can see why he quickly realized that 3D printing was the game changer he needed to try right away.

Before I go on, I should point out that 3D printing technology is not new. Our VP, **Zoltan Pittner** was experimenting with 3D printers back in 2013 to print small parts like motor and servo mounts and other household parts. He even gave a talk at the November 2013 club meeting on 3D printing which you can read about in the December 2013 Flyer. You can find it in the Library Section of the club website. But full scale CAD files for printing a variety of whole airplanes have only just recently caught on in the last year or so.

3D printing is often referred to as a "Disruptive Technology". If you Google it, you will find 3D Printing is consistently listed in the top 10 disruptive technologies of 2020. That means that it has the potential of dramatically changing many products and markets. What this eventually means to our RC hobby has yet to be fully determined. But just like foamies, Lipo batteries and brushless motors transformed the hobby in the last 5 years, 3D printed airplanes could be the way of the future. Already 4 or 5 of our members are trying 3D printing full airplanes so we are likely to see a lot more of them at the field next season.

While there wasn't much online on YouTube and RC forums last fall, the Internet is now filling up with information, tips and test flight videos on newly designed 3D aircraft.

Walter showed 3 or 4 of his recent airplanes and described how to print them in small 20cm pieces which are glued together with medium CA and kicker to form even very large models like the large glider shown below. It can take a while though; each wing section can take 2 to 3 hours to print and an entire large airplane like this might take 30 hours of printing. Luckily you don't have to babysit the printer all that time; just keep it in a well ventilated space and monitor the progress every few hours.



Show and Tell - Let's do it again March 3rd!

Everyone enjoyed our Show and Tell at the last meeting so we are going to do it again. Would you be willing to take a few minutes at the March 3rd Zoom meeting to do a "Show and Tell"? Your talk will inspire others to get building! Also, if you have any topics, questions, or issues you would like to discuss at the meeting, please send them to Tom or bring them up at the meeting. Tom will also give an update on his Gee Bee R2 winter build project that is nearing completion.

