



Humber Valley Meeting Announcement

Wed Mar 6th 2019 @ 7:30pm

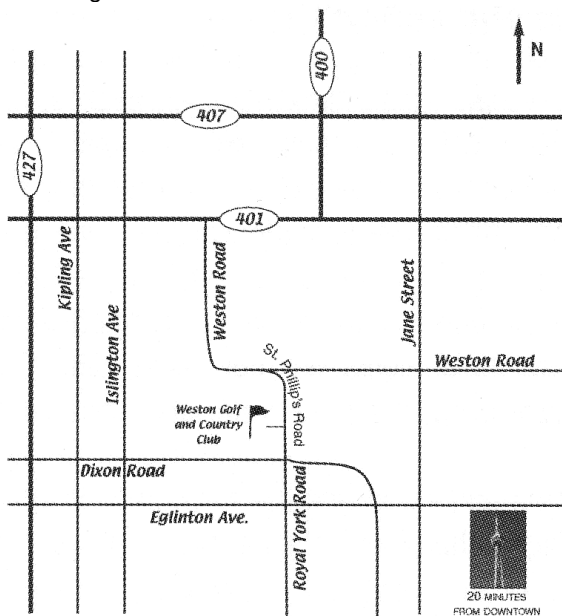
Weston Golf and Country Club

Wadsworth Room; 50 St. Phillips Road, Toronto ON M9P 2N6



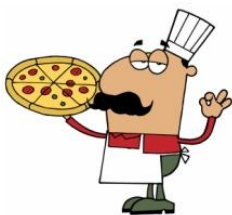
Winter meetings are held at Weston Golf and Country Club located conveniently just south of the 401 at Weston Road and lots of parking. If you come via the 401, drive south on Weston Road and keep right on St. Philips Road. Then keep a close watch for the entrance on the right past some tall hedges. It kind of sneaks up on

you! Then keep to the right and park in the lot at the rear of the building. The main entrance is right off the parking lot. The Wadsworth meeting room is straight ahead on the left. Feel free to bring a friend.



We will have Pizza, snacks, coffee, and soft drinks at the meeting.

Hope to see you there!



Only Two Indoor Flying Days Left at York U

We love the indoor flying at York University and we had a great turnout for the last several sessions. Come out and enjoy the fun. See the October Flyer for map and details.



Please note the remaining dates and times.

Day	Date	Time
Sunday	Mar 10, 2019	9:00 AM - 11:00 AM
Sunday	Mar 17, 2019	9:00 AM - 11:00 AM

Annual General Meeting (AGM) Report

The club's Annual General Meeting was held on Feb 6th. Reports of the year's activities were presented by the executive which in summary concluded a very successful year for the club. Secretary **Danny Karaiskakis** presented the minutes of the 2018 AGM which were approved. Treasurer **Bruce Gillespie** presented the financial statements for last year and the budget for this year which were approved. While the club essentially broke even last year, we are expecting an increase in the cost of operations this year due to overdue repairs that are needed to the shelter roof, the runway and the gravel road. Therefore the budget for this year has been increased which in turn required a modest increase in membership fees and a reduction in the "on time" renewal fee discount that we have enjoyed over the last several years. This action was actually predicted by Bruce at the 2018 AGM.

Our current executive agreed to stand for another term with the exception of **Danny Karaiskakis**, Safety Officer and Secretary. Danny had to step down due to the heavy work load in his new business. However, he is still an active member of the club and his experience is still an asset when it comes to flight safety and interpreting Transport Canada rulings. We thank Danny for his years of service and continued dedication to the club.

There were no other nominations for any executive positions so the remaining current executive was acclaimed for 2019. The position of Secretary will remain vacant until we can appoint an interim Secretary or elect a new candidate.

According to our Constitution, the role of the Secretary is to:

- Keep minutes of all meetings and if unable to attend, appoint a proxy to keep an accurate record which shall be added to the Secretary's record of minutes.
- Receive and distribute Club correspondence.
- Maintain an inventory of all Club assets.

If you are interested in filling this role for the club, please contact the President.

According to our constitution, the positions of Chief Flight Instructor and Safety Officer are appointed by the executive and generally expected to be held by the same person due to the overlap of duties. We are pleased to announce that **Randall Thomas** has agreed to fill the role of Safety Officer along with his current role as Chief Flight Instructor. Note that these positions are appointed by the Executive and not subject to election by the membership. Randall did an excellent job as Chief Flight Instructor and revitalized the training program with the club's own NextStar trainer. We thank Randall for his continued service and for taking on this additional role.



Your 2019 Executive

- President, Val Oddo (416) 566-9807
- Past President & Web Master, Paul McMillan (905) 851-7387
- Vice President & Editor, Tom Gottlieb (416) 781-3189
- Treasurer & Membership, Bruce Gillespie (416) 741-4385
- Secretary, vacant.....
- Program Director, Tom Gottlieb (416) 781-3189
- Field Officer, Michael D'Antonio (416) 771-8097
- Chief Flight Instructor, Randall Thomas..... (416) 675-6014
- Chief Safety Officer, Randall Thomas..... (416) 675-6014



March 6th Meeting Program Announcement Ryerson's Aero Design (RAD) Team Heavy Lift Competition Aircraft 2019 – RadicalOne



The March 6th meeting is sure to be an interesting one because the Ryerson Aero Design team will be presenting their new heavy lift design for 2019 called RadicalOne.

Presenters for the March 6th meeting will be:

- Maryam Safi - Captain Regular Class
- Asher Leach - Empennage Design Lead and Captain Micro Class
- Maya Rahaman-Noronha - Fuselage Design Lead
- Yukei Oyama - Avionics Lead
- Alex Leung - Wing Design Lead

This team of highly motivated and energetic students have designed and built a new airplane to compete in the Society of Automotive Engineers (SAE) Aero Design West 2019 competition to be held in early April in California. This aircraft, named RadicalOne, is designed in accordance with competition rules to be a remote-controlled aircraft optimized for maximum passenger capacity. The team's main design objective was to increase passenger and payload capacity while maintaining modularity of the overall design. Iterative optimization processes were used by the team to design an aircraft with a payload of up to 62 "passengers" – represented by tennis balls - and a cargo-to-passenger ratio of 0.5 lbs. per passenger. The team goal is to place within the top 5 highest scoring teams at this year's competition. The result is an aircraft with a wingspan of 144" and an empty weight of about 14 lbs. but capable of lifting a total of up to 55 lbs.



For the 2019 year, RAD has made increasing passenger capacity its primary objective by redesigning the aircraft. RadicalOne features a new propulsion system, with higher thrust values than before. Structural parts were optimized for higher strength-to-weight ratios using component design theories and Finite Element Analysis (FEA). RadicalOne achieves the objective of maximizing payload capacity, while maintaining a level of modularity that has become characteristic of RAD aircraft over the last five years.



These students are not just fooling around. This serious competition is funded by Ryerson University and generates tremendous interest and prestige. Please come to the meeting to support their effort. The club is trying to help the team maiden the plane which is a challenge in current winter conditions and Chief Instructor, **Randall Thomas** is looking for people to help. In particular the Ryerson Team is hoping to connect with expert builders and pilots at the March meeting to advise and comment on the RadicalOne airplane design.

The team will bring their competition heavy lift aircraft to the meeting and will provide a PowerPoint presentation of the competition parameters and their design. An interactive discussion will follow. We hope you will be able to attend.

You can also find more information at:

<https://www.instagram.com/ryerson.aero.design/>

<https://ryersonaerodesign.wordpress.com/>

<https://www.facebook.com/ryersonaerodesign>

Calendar of Upcoming Events

Wed Mar 6 th	Club Meeting – RadicalOne Heavy Lift Competition Aircraft
Sun Mar 10 th	Indoor Flying 9:00 am - 11:00 am
Sun Mar 17 th	Indoor Flying 9:00 am - 11:00 am
Wed Apr 3 rd	Final Winter Club Meeting

Call for Grass Cutters

Field Officer **Michael D'Antonio** needs a few more volunteers to help cut the grass. Have a blast riding our cool mower! We will teach you everything you need to know and it only involves one or two days a month. If you can help, contact Mike at (416) 771-8097 or email at A1AProperty@hotmail.com.



Planning Begins for Field Maintenance Day



Field Officer **Michael D'Antonio** is already planning for a busy "Field Maintenance Day" for a date to be determined in late May or early June depending on the arrival of spring weather and how soon the field dries up from the spring thaw and rain. That is because we need to do a lot more than pick up garbage around the field left over from the

ravages of winter. The following projects are being planned for Field Maintenance Day:

- New shingles for the roof of the shed
- Replacement of the Geotextile runway
- Leveling of the gravel road
- Repairs to ruts in the field caused by trespassers driving across the field in wet conditions
- General service to the tractor

We will be looking for volunteers to help with these activities and will announce dates in future communications. We plan on renting heavy equipment to work on the road so if you have construction experience or access to machinery, please contact our Field Officer **Michael D'Antonio** at (416) 771-8097 or email at A1AProperty@hotmail.com.