



Summer Float Fly and BBQ Announcement! Sunday July 21st



Nothing says "Summer" like a good old fashioned Barbeque so we figured what could be better than meeting up with all your Humber friends to show off your flying and also get all the hot dogs and burgers you can eat!

Summer Float Fly & BBQ - Sunday July 21

Thanks to **Bruce Gillespie** who has organized our second annual Float Fly at the Indian Line Campgrounds which is very close to our field. We were hoping to have this event earlier but due to the heavy rains this spring, the water level was too high and there was not a good launch site available. Now we are good to go and we even have arranged a retrieval boat (not that anyone will need it – we hope). The site is located only 10 minutes from our field at:



Indian Line Campground
7625 Finch Ave W, Brampton, ON L6T 3Y7

To get there:

- Travel west from our flying field along Steeles Ave. (5 km)
- Turn south (left) on to Finch Ave.(first light west of Hwy 50)
- Travel south a short way, and turn in at the blue Indian Line Campground sign on your left, just after going under the railway bridge.
- The site is in the north east corner of the campground.

Calendar of Upcoming Events

Sun Jul 21 st	Summer Float Fly and BBQ Indian Line Campground 9:00am to 3:00pm
Sat Aug 10 th	Summer Fun Fly and BBQ at the Field 10:00am to 3:00pm
Sep, 2013	Fall Float Fly on Buckhorn Lake - Details to be announced

Some Fun Fly Rule Reminders

Our field is more popular than ever and we are expecting a big crowd for this event. The club executive wants you to be aware that there will be extra controls in place. Please re-read the safety rules before you come to this event. When there are so many people and airplanes at the field all at once, we just need to be extra careful.

A reminder from **Tony Phan**, Safety Officer:

All members are asked to re-read the club's safety rules provided on the club's web site. Your continued membership in the club and the enjoyment of flying privileges are contingent on your following all club rules.



In particular, at all fun fly events, we will:

- Enforce a flying circuit direction
- Enforce a 5 airplane limit at one time
- Assign safety monitors with authority to ground any flyer

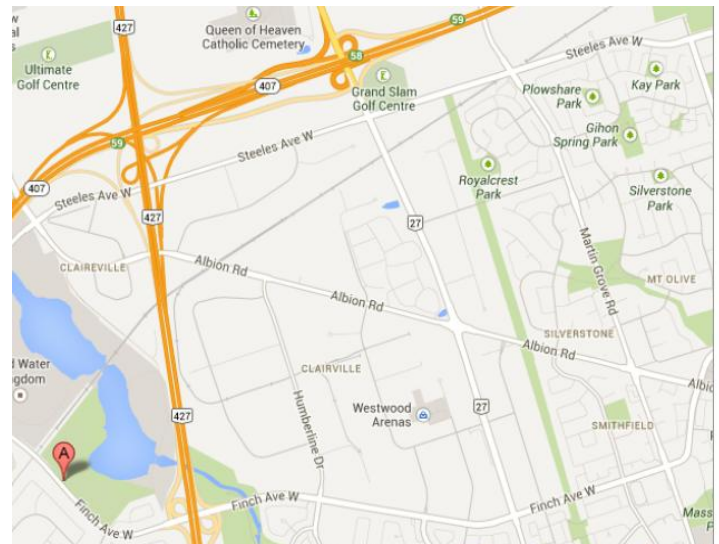
Your 2013 Executive

President, Paul McMillan (905) 851-7387
 Past President, Pat Knight (416) 225-2687
 Vice President & Editor, Tom Gottlieb..... (416) 781-3189
 Treasurer, Bruce Gillespie (416) 741-4385
 Danny Karaiskakis, Secretary (416) 356-1295
 Program Director, Jon Holmes (416) 614-0052
 Field Officer, Ernie Dawson..... (416) 247-7750
 Chief Instructor/Safety Officer, Tony Phan. (416) 436-8088

Other Appointed Positions:

Web Master, Barry Collingwood (416) 925-6588
 Librarian, Roy Gee (416) 749-8793

Even if you don't have a float plane, this is a great time to come out and see how it is done. We hope you can make it and bring your friends and family to see the action. It is rare to be able to host a Float Fly so close to the city – no 2 hour drive up north! Hope to see you there.





12 Volt Power at the Field - Bruce Gillespie

The solar power charging station is now fully operational. I would like to thank **Mike Gerace** and **Len Klochek** for braving the elements with me to install the new solar equipment. They did a great job.

We have added additional solar panels to increase the charging rate which will recharge the battery faster. A new controller was added to handle the higher charging amperage. The combination appears to be working very well and is keeping the batteries fully charged at our current usage level. Earlier in the spring three additional batteries were added to the system so we have approximately a total of 200 useable amps to recharge our Lipos or any other batteries. The system is providing enough power using solar power to meet our current charging needs. In the event that there is an extremely high demand period the battery can be recharged using club's generator.

To use the 12 volt system you must bring your own charger. Please be careful of shorts and use the proper polarity when connecting the charger. The controller displays the approximate level of charge in the battery. Please stop using the system if the battery level is below 50%, as an extremely low battery charge level will cause damage to the overall capacity of the storage battery.

Please, if you encounter any problems with the system or notice any type of damage to the system it is important report it to me or a member of the exec. Thanks!

... **Bruce Gillespie, Treasurer**

VP and Editor's Report – Tom Gottlieb



The Humber Valley Flyer is published monthly from October to April. I always send out the Flyer one week prior to each winter meeting. During the summer there is a summer edition depending on the timing of summer events. The Flyer is e-mailed to all members and any club friends and past speakers who have expressed interest in club activities. e-mail is the easiest and cheapest way to keep in touch. Paid up members who do not use e-mail are sent a paper copy via regular mail.

The Flyer has a circulation of about 215 consisting of:

- 100 current and previous year members by e-mail
- 15 members by regular mail
- 100 web subscribers by e-mail

NOTE: All past Flyers going back to December, 1999 are available on the club's website in the "Library" section. If you are receiving this Flyer by regular paper mail and would be willing to accept it by e-mail please send me a note (tgott@sympatico.ca) and I will change your distribution preference and save the club the cost of a stamp! Also if you move or change your e-mail address, please let us know so that we can update our records and make sure you don't miss an issue.



I hope everyone enjoys a great summer!

... **Tom Gottlieb, Vice President and Editor**

Aviation History Made on July 11, 2013

Since 1980, the American Helicopter Society has offered the Sikorsky Prize: a \$250,000 reward for a functional, human-powered helicopter.

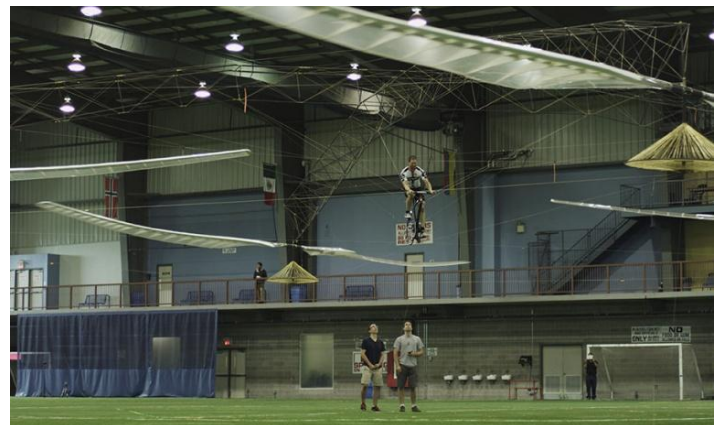
To win the prize, the helicopter must remain airborne for 60 seconds, with an altitude of 3 meters (a little less than 10 feet) to be reached at some point during those 60 seconds. It must also remain within a horizontal area no larger than 10x10 meters.

Last year, it looked like the University of Maryland's Gamera II was gearing up to take the prize, but two Canadians have scooped it up from right under Gamera II's nose.

Cameron Robertson and Todd Reichert of the University of Toronto's Vehicle Design Team and AeroVelo funded a vehicle called the Atlas. Consisting of four rotors connected by a massive frame, the helicopter is powered by a modified bicycle slung from the middle.

Robertson and Reichert had hired an indoor soccer stadium for five days of test flights. The successful flight didn't occur until the very last day. Reichert, piloting the Atlas, remained airborne for 64.11 seconds and reached a top height of 3.33 meters within a 9.8-meter square.

"In 18 months, this passionate team went from preliminary design to achieving what many considered impossible; taking down one of the most daunting aviation feats of the past century," the team said.



Enjoy the whole video on YouTube at:

http://www.youtube.com/watch?v=99p_wh6p4OY

Search on YouTube for some more videos of previous failed attempts.

You can also search for "University of Maryland Gamera".

Very interesting to watch!