



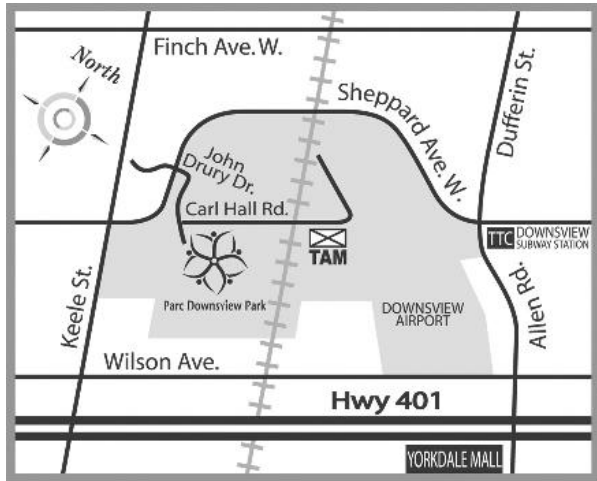
Visit us at [www.hvrcf.org](http://www.hvrcf.org) March, 2005

## Meeting Tues Mar 1<sup>st</sup>, 2005 @ 7:30 PM



**Here's how to get there:**  
From the 401, take Keele north. Turn right on Sheppard, and follow Sheppard to the Downsview Park entrance and turn right on John Drury Drive.

Turn left at Carl Hall Road and continue over the railway tracks. The museum is on the right.



Not to scale



**HUMBER VALLEY  
FROZEN FINGER  
FUN FLY!!**  
Sun Feb 27th  
10:30AM to NOON

Start waxing those skis and come out for fun, flying, catching up with your friends, and hot chocolate at the club field. We have a great time each year so come out and participate!

## It's Swap Meet Season!

There are three upcoming swap meets to tell you about!

### Toronto Club Swap Meet (March 4<sup>th</sup>):

Please see the invitation attached for the Toronto Club Swap meet set for March 4<sup>th</sup>.

### Aurora Toledo North Swap Meet - \$3.00 (March 20<sup>th</sup>)

This is a big swap meet event each year at the Legion Hall in Aurora. See page 46 of the Feb MAAC magazine for details and map.



### Humber Valley's Area Club Swap Meet:

The Humber Swap Meet will be on Tuesday May 3rd at 7:00 PM at the Toronto Aerospace Museum. There will be a \$4 entrance fee for all participants. The entire entry fee will go to the museum, and the museum will be available for view during the swap meet. Anyone wishing a table should let us know well ahead of time so we can ensure there are enough of them. There will not be a beauty contest, but members who bring an aircraft for display will be entered in to a raffle and may win one of three prizes. Prizes will be announced at a later date.

## Tues March 1<sup>st</sup> Program Announcement

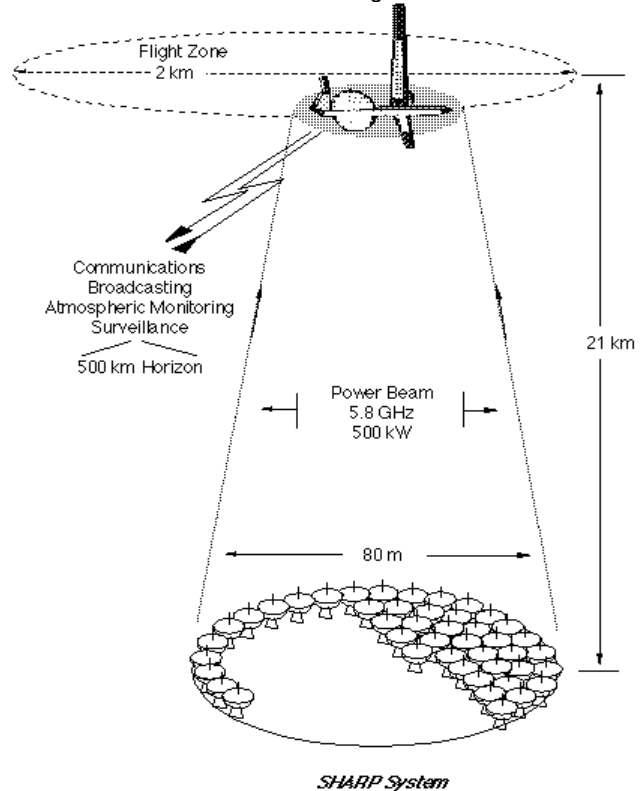
### Dr. Jim DeLaurier - SHARP - Stationary High Altitude Relay Platform



**Jim DeLaurier** will be our guest speaker for the March meeting and will provide a presentation on the SHARP experimental airplane. The idea for SHARP was first conceived in 1980. Dr. DeLaurier's group was responsible for the design, construction, and testing of the airplane.

The SHARP concept uses an unmanned RC airplane as a platform for relaying telecommunication signals, providing surveillance and monitoring services. The airplane would circle slowly for many months at an operating altitude of 21 kilometers and relay signals within a diameter of 600 kilometers (which is about the width of a Canadian prairie province). Microwave power would be transmitted from a large ground antenna system to a circling airplane. The power beam would be accurately focused onto the airplane. A rectenna (rectifying antenna), mounted on the lower surfaces of the aircraft would receive and convert microwave power to DC power. The DC power would be used to drive electric motors on the airplane for propulsion, to power the payload and control systems and to charge standby energy storage units.

How cool is that? A schematic diagram is shown below:



SHARP System



## Time to Renew 2005 Memberships

If you have not already done so, please help our cash flow by sending in your renewal as soon as possible. You can't fly during the winter or spring unless you renew. You can get a copy of the renewal form from the club web site or call any executive. Mail the completed form and payment to:

Agasthi Ranasinghe, Treasurer, HVRCF  
31 Royal Colwood Court  
Concord, ON L4K 2J3  
Make cheque payable to **Humber Valley R.C. Flyers**



## Feb 1<sup>st</sup> Meeting Report

The February meeting was the club's Annual General Meeting and the 2004 Annual Report was presented and discussed. It was passed by a vote of the members.

We also opened the floor to members who brought in various interesting projects as shown below.



John Thomson explains how to make great home made skis.

## Calendar of Upcoming Events

Sun Feb 27 <sup>th</sup>	Annual Frozen Finger Fun Fly
Tue Mar 1 <sup>st</sup>	March Humber Cub Meeting: Jim DeLaurier on the SHARP
Fri Mar 4 <sup>th</sup>	Toronto Club Swap Meet: 7pm to 10pm
Sun Mar 20 <sup>th</sup>	Aurora Aircraft Club Swap Meet: 9am to 2pm
Tue Apr 5 <sup>th</sup>	April Humber Club Meeting
Tue May 3 <sup>rd</sup>	May Humber Club Meeting: Area Club Swap Meet & Contest
Aug 7-14 <sup>th</sup>	MAAC Nationals in Chatham, ON

## Librarian Notice – Roy Gee

Roy wanted to mention that there are a number of good videos and books available in the club library which he brings out to every club meeting. Speak to Roy at the March meeting.

## Your Executive ...

President, David Plank	(416) 763 0082
Vice President, Gary Del Bel Belluz	(416) 741 8181
Secretary, Dan Paluzzi	(905) 303 0500
Program Director, Pat Knight	(416) 225-2687
Contest Director, Dave Sanders	(905) 271 3141
Treasurer, Agasthi Ranasinghe	(905) 761 2092
Field Officer, Gary Del Bel Belluz	(416) 741 8181
Past President, Tom Gottlieb	(416) 781 3189

## Appointed Club Positions:

Editor, Tom Gottlieb	(416) 781 3189
Web Master, Barry Collingwood	(416) 925 6588
Librarian, Roy Gee	(416) 749 8793
Jr. Representative, Justin Gregoris	(905) 893 0763



Walter Lam shows his electrics including a Goldberg .60 Cub converted from gas to AXI motor and small Stinson.



Tony Phan demonstrates his electric helicopter.

# You're invited!!

## Radio Control Club of Toronto Swap Meet

### Friday Mar 4/05 from 7:00pm to 10:00pm

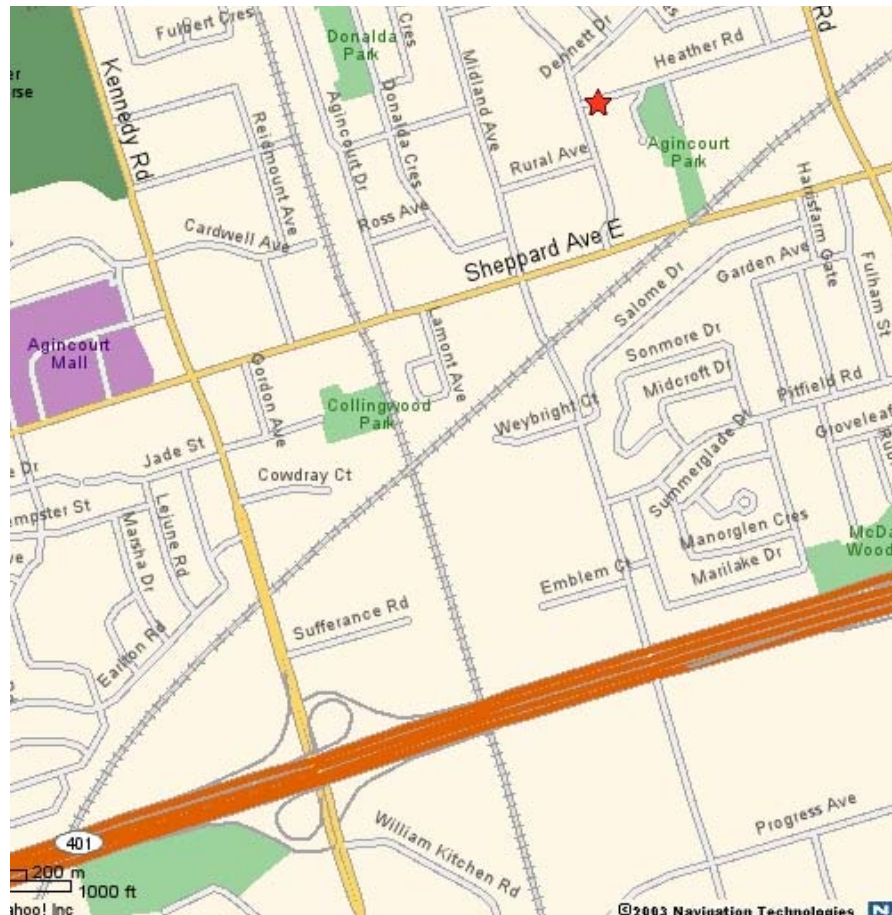
The Radio Control Club of Toronto would like to invite the members of the Humber Valley, Richmond Hill and Seaton Valley RC clubs to our annual RC swap meet to be held on Friday night, March 4 from 7:00pm to 10:00pm. The location is at the Alexander Mackenzie Senior Public School, 33 Heather Road in Scarborough. Closest major intersection is Kennedy Road and Hwy 401. Entrance to our meeting is at the far west side of the building....look for the cars.

We are trying to revitalize the spirit of small club swap meets and we encourage you to bring some of you "stuff" to the swap meet to sell, barter, trade, negotiate....bottom line is....lets have some fun and meet the some of the other clubs. There is no charge, no fees....free coffee and cookies. I look forward to seeing some of your junk....I mean good stuff. Your significant other will love you for selling some of it....just don't get caught bring it back or buying more.

I look forward to meeting you at our club meeting. I can be contacted at 416-288-0569 or email at [rstaron@eol.ca](mailto:rstaron@eol.ca)

Sincerely,

Richard Staron  
President





**Don't forget the Frozen  
Finger Fun Fly  
Sunday Feb 27th at 10:30**

**Don't Forget the Upcoming Humber Valley ...  
Fabulous, Famous, Freakin' February Frozen Finger  
Fun Fly Frenzy (FFFFFFFFF)...whew!!  
Sun Feb 27<sup>th</sup> at 10:30am**

---

---

**Aurora Model Aircraft Club Presents the 10<sup>th</sup> Annual  
Toledo North MEGA EVENT**

**Swap Meet  
Sunday March 20, 2005  
9am to 2 pm**

**Admission \$3.00  
Children under 12 Free**

**Royal Canadian Legion, Branch 385  
105 Industrial Parkway North  
Aurora, ON**

For info contact Mike Garrett  
905-898-7473 (Home)  
905-898-4718 (Work)  
[Michael.garrett@sympatico.ca](mailto:Michael.garrett@sympatico.ca)