

FlightLine

Aurora Model Aircraft Club

February, 2006

2006 Executive

President: Bruce Dealhoy	905-841-1035	bdealhoy@sympatico.ca
Vice-President : Peter Maxwell	905-727-6637	pmaxwell@allstream.net
Secretary : Jim Judges	905-898-7078	flyandbank@sympatico.ca
Treasurer : Clair Murray	905-939-2928	cmurray@295.ca
Membership: Dave Turnbull	905-727-7291	dturnbull@astrotechservices.com
Newsletter :		
Entertainment: Andrew Mellor	905-836-6716	mellor.andrew@gmail.com

Important Notices

- **Membership Renewals are now due**
- **Swap Meet Coming up! Reserve your table NOW!**
- **Mark your Calendars – 20 May, 1 July, 12 August – Fly-ins and Canada Day! Help wanted.**

Plan To Attend the Next Meeting

Tuesday February 14, 2006

Dr. G. W. Williams Secondary School, Staff Room, 7:30 - 8:30 p.m.

A brief club business meeting follows.

Light refreshments will be available for a \$1.00 donation.

AMAC IS A NON-SMOKING CLUB.

The Leslie Street property comes under the Town of Aurora's no-smoking-allowed internal rules. This means ANYWHERE on the property, not just our field!

A Note From The President:

Great weather, isn't it?! This is going on records as one of the most changeable winters on record. However, the hobby shops that I've dropped in on don't seem to mind the weather, as lots of people have been working on projects.

This coming meeting is a video night, so bring in what you've been working on, regardless of how far along it is. I'll try to show up with my latest creation and everyone can take a try at figuring out what it is supposed to be. Hint: It's not made by Volvo!

We still need a Newsletter Editor. Contributions of material and volunteers for even one edition will be appreciated.

Don't forget that the Swap Meet is coming up and that now is the time to pay for your table! This year, I seem not to have quite enough stuff for a full table, so I'll be sharing mine. This event's developed a good following and there are some real bargains to be had.

...Bruce

Presentation to Aurora Town Council, January 24 2006

Along with Clair Murray, Jim Judges, Peter Maxwell and John Harris, I made a presentation (deputation) to Aurora Town Council on January 24th. The unfortunate part is that we wound up being the last and shortest presentation of the evening. I'll pass the document that I used along to Isaac to put up on the website. I gave a short history of the club, our involvement with the Town and Council in particular, and reiterated our concerns over possible development and our need for a suitable flying field. It was quite well received and we had a number of questions from the Chairman and the Mayor. Mayor Jones asked about us using part of the property behind the new Rec Center on Wellington and Leslie. I responded that the site the mayor had in mind was quite close to houses and may not be entirely suitable for us in our current form (Note: Jim and Clair had planned to personally check out the site on Saturday past, but may not have been able to do so due to the weather. Update to follow.)

After the presentation, we met with Al Downey, who heads up Recreational Services. He liked the presentation and said that as far as he's concerned, we will have the site for some years to come as there are no firm plans for actually developing the site, "even if it were sold tomorrow" (his words.)

New Hobby Shop Coming Soon!

My name is Christopher Seepe and I am opening HobbyTown USA's first franchise store outside of the United States, to be called simply *HobbyTown*. HobbyTown is the world's largest hobby retail chain with 185 locations spread across 41 states, all owned by independent franchises (except two corporate stores). Details about the company can be found at www.hobbytown.com.

The first Canadian store will be located in the north Toronto area, and the grand opening is currently scheduled for a weekend in May, 2006.

Minutes of January 10th 2006 Meeting:

Opened Meeting 7:33p.m.

Dave Gambell , coordinator for indoor of A.M.A.C., gave show and tell of recent developments of motors, SC's, materials and batteries.

Presented with appreciation plaque from Boy Scouts/Leaders of last seasons introduction to RC at the Aurora field. The leader was asked to contact other packs and ask if they would like to attend sessions this year. He said he would inquire.

Larry Warbuck showed his "butterfly" indoor slow flyer and modifications to it. He said the box which stores model took more time to construct than the plane.

Hienz Ernstberger made an E flite Ultamit. It has 28 x 12 Himax motor at 11.1 v 1800 mah lipoly (12 minute flights in winter; 18 minute flights in summer), castle creations 25 amp sc, hitec 55 servos .

Bruce Dealhoy showed CAP 10B indoor flyer.

BUSINESS: 9pm

50/50 draw won by Andrew Mellor

REMINDER:Town council meeting, Jan. 24 at 7 pm. We will be asking council for our future need of field for our gas and alcohol models. We need as many as possible to attend.

Isaac Murray is the new webmaster of <http://www.auroramodelaircraft.com>

Motion to pass last month's minutes. Accepted.

Dave Turnbull reported 57 members to date.

Peter Maxwell proceeded to send request for mall show. We are to locate our banner to use at it.

Clair reports 14 tables sold and legion booked for swap meet.

Consensus taken to bring food to next meeting. All in agreement.

Adjournment: 9:30 pm. Motion by Larry, seconded by Peter. All in favour.

Indoor Flying with Dave Gambell

Note by Clair Murray: Dave Gambell has a passion for indoor R/C. He volunteers his time and coordinates indoor flying for the Aurora Model Aircraft Club. At the January 2006 club meeting, Dave outlined this aspect of model aviation and then demonstrated helicopter flying to the enjoyment of club members in attendance.

Hello, my name is Dave Gambell and I have a passion for indoor R.C. I am writing this article to inform and promote this aspect of our sport. Four years ago I talked the executive of the Aurora Club into sponsoring indoor flying at a local school. At the time, this type of flying was cutting edge.

Today, indoor is the fastest growing area of our sport. Most people that get into it just can't get enough. It

is clean, quiet, the wind is always calm and it's never cold. Another great thing is the planes build quickly (3-10 hours) and repair even faster. This aspect of electric flight allows us to fly year round in comfort and almost insures that your flying skills will double after your first season.



When I first started flying 20 years ago, electric flight was low tech and not very exciting. Much of this was because of low power motors and heavy battery packs that were the norm and provided lack lustre performance. Today, the battery and motor technology just keeps getting better and better. It is not at all uncommon to have planes with power to weight ratios of 2:1 (Thrust to weight). As a result, hovering an

electric plane has become common place. A great many of our indoor planes are capable of performing pattern and 3 D tricks. The basic rule of thumb is , if you can dream it, and have the skill ,the plane will perform the stunt.

If you have never dropped by to see us fly please take the time to come out and have a look. We fly every Monday Night 8:00 pm till 10:00 pm. The location is Sacred Heart Catholic School ,1 Crusader Way Newmarket. The thrills are about as good as it gets. Please come out and see what you're missing.



Show And Tell: Electric Foam Airplanes (Heinz Ernstberger)

Although I have been involved with flying regular airplanes for the past 25+ years (Sport, Scale Lawnmowers, Cars & Witches). My favourite airplanes are Biplanes.

Last year I discovered something new - small electric foam airplanes. I purchased from Pinnacle Hobbies the E FLIGHT ULTIMATE Biplane. This airplane exceeded all my expectations except that it was made from 3/16" flat foam material, including the fuselage (I found that it had some weak spots). Late last fall E FLIGHT introduced the new ULTIMATE FX 3D ARF. When I saw it, I knew it was for me. This airplane has a 28" wingspan and a resilient vacuum-formed foam fuselage that resists flexing; resulting in



more precise maneuvers with its interlocking wing design and carbon fiber stiffeners and blade spars. The ULTIMATE FX can handle more WIND THAN MOST FOAMIES. It weighs 14oz – ready to fly. You can buy this airplane from Pinnacle Hobbies (Markham)

or AJ Hobbies (Unionville).

It comes complete with all hardware including the prop and motor mount. All parts come die-cut and painted right out of the box. Price \$79-\$89 CDN.

I built this plane as per instructions with only 2 modifications: I modified the fairings and the main wings. I caped them with 1/16" balsa on the leading edge only and painted it black. Building time is 4-6 hours (one week for me with foam safe CA - *note that I am slow*).

To require top performance, I used:

#1 The Himax brushless HC2812-085 Motor with 11x4 Propeller - price \$80 + CDN

#2 Castle Creations Phoenix 25- speed controller - \$113 + CDN. Or, \$109 USD for the same motor and speed controller from the US.

#3 I used an 1800 mha Li-Poly batteries - \$75-100 CDN or from the US \$35-45 USD.

#4 A battery charger starting at \$50 CDN

With the above you can get 10-minute flights in the winter and 15 minute flights in the summer.

Flying this airplane is pure fun from slow circles to aggressive 3D. If you have your wings, it will improve your flying skills 10-fold. It feels the same as my large-scale biplanes with a much better performance.

So go buy one and see you at the field!

Aurora Model Aircraft Club Presents the 11th Annual



SWAP MEET

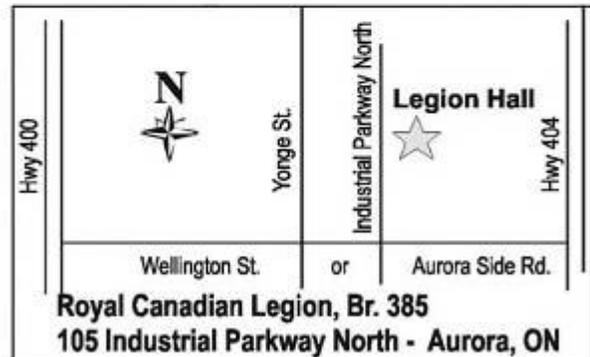


Sunday March 19th, 2006 9am to 2pm

★ Children 12 and under FREE ★ Food and Beverages available

**MEGA
EVENT**

Admission
\$4.00



**For table reservations and information contact Clair Murray
cmurray@295.ca (905) 939-2928**

Tables Are \$15.00 Each
Send Cheque Payable To A.M.A.C.
To: C. Murray 15390 Concession 8 R.R.#1 Schomberg, Ontario L0G1T0

