



# February 2006 **TOPCAP**



## **The Ottawa Remote Control Club Newsletter**

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**THIS MONTH'S MEETING: TUESDAY, FEBRUARY 7, 2006**  
ENTERTAINMENT FOR THIS MEETING WILL BE:  
**THE ANNUAL CLUB AUCTION**

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### **President's Message by John Weekes**

Lots happening in the club to tell you about this month.

#### **Update - West-end field**



Karel Tettelaar, our West-end field manager, has been in constant contact with City officials. Apparently, the proposal for the garbage incinerator was submitted for environmental review on January 20<sup>th</sup>. It's likely that we won't hear for some time yet regarding the City's plans for our site. Also, it turns out that the fields that had been suggested to us by the City in the general vicinity of our present site are not likely to be available. Apparently, the City may lease these lands to a private contractor in order to extract aggregate. However, these proposals are also up in the air at this point. All of this uncertainty indicates to me that we need to work aggressively towards locating another site for our powered operations – regardless of the eventual outcome of our current location. Thank you to those individuals who have already offered to assist with locating a field. Anyone else with the time and interest to assist with this important project should contact me directly. I will keep you posted as events unfold.

#### **Winter Fun Fly – Saturday, February 25<sup>th</sup>**

We will be hosting our annual Winter Fun Fly on Feb. 25<sup>th</sup> – weather permitting. Shahram Ghorashi, chair of our frozen fingers flying group has another great event planned for you...lots of food, prizes, and fun. I believe this year's raffle prize is an OS.61FX engine. Mark this date on your calendar and start making some skis for your model! All modelers in the region are welcome to attend.

#### **2006 Budget - March Meeting**

The Executive Committee met last evening to begin work on creating the club operating budget for 2006. This process usually involves running the draft through several reviews. Like previous years, we will be presenting the finalized budget for your information at our March meeting.

#### **Concours d'Elegance – April Meeting**

We will be hosting our annual Concours d'Elegance event at our April club meeting. We will continue to use a "Peoples' Choice" approach to vote on models entered as Scale, Sport, and Sailplane. Prizes will be awarded in each of these categories as well as the model chosen as Grand Champion. Please consider entering your latest building project. To be honest, the future of the event may hinge on the number of models entered this year (you'll recall that there were only a small number of models last year). It's a fun evening.

### **Indoor Flying – Algonquin Dome**

As you may know, Algonquin College in the west-end of Ottawa has recently erected a dome structure at the back of their campus. The facility managers are very keen to rent this space out and have approached various modelers in the area for indoor electric flying during the winter months.

Bill Nickel and Rob del Re of the Rideau Flyers club have been running an indoor electric program at the SuperDome in Gloucester for the last couple of years. They have decided to expand to the west-end of town and have booked Sat. Feb. 18 and Sat. March 18 at the Algonquin Dome. I'd suggest that any ORCC member who is interested in indoor flying should contact either Bill or Rob ASAP. I have heard that the Sat. evenings at the SuperDome has become very popular...and a waiting list may develop at the Algonquin site very quickly as well.

### **Questions, concerns...**

As always, I invite you to contact me directly with any questions, concerns, or suggestions you might have about the ORCC. This is your club. I am committed to making the ORCC as fun and enjoyable for you as I can. You can contact me directly at [jweekes@ccsa.ca](mailto:jweekes@ccsa.ca), at home 727-0066, or on my cell phone 889-2025.

John

### **Winter Projects**

Last month I requested readers to send in a photo of what they were building for the winter. Thanks to Ken Park and Dave Sawatzky for their responses. Keep 'em coming!

### **“Orville” The Everyday Flyer**

If you're looking to get in on the fun this summer, then now is the time to get started! The Dynamic Hobbies SMALL Event on Saturday, July 22, will quickly be here! The Orville was designed as a club level build project to further participation from the ORCC, Stetson's and other local clubs. I hope you want one and will get as much fun from this project as I did bringing it to you.

RC pilots over the years all have had their favorite models. We can normally only count 1 or 2 of them that were true favorites. You know the ones I mean - the everyday flyer that was so much fun to fly. Day after day it was tons-of-fun because you didn't have a lot of money or time invested. This is the one you simply wore-out. You find yourself wishing you had built another!

Well if you ever have had that kind of feeling for a model then the “Orville” might find that soft spot in your heart soon.

## Background

This past summer I was in luck to come across a model design that was simply mesmerizing to watch every-time it flew. This plane didn't do anything particularly special but it easily did everything asked of it. At the bottom end of the scale it made a great step-up 2<sup>nd</sup> trainer airplane if the control throws were reduced. At the far end of the envelope it could be dialed up into a tumbling, spinning hot-dog with its great power to weight ratio.

Locally the design was catching on and several had been built in various sizes mostly in the .40-.60 range. I asked the original designer Gerry Pronovost for a copy of the hand drawn plans he had. I wanted to re-make a S.M.A.L.L. version and Gerry thought it was a great idea and said, “Do what you like!” So I was happy to get busy with my vision of the “Orville”. Using my CAD program I shrank the basic outline proportions down to a 50” wingspan. Right from the start I wanted this model to be a joy to build having most parts jig-together with lots of tabs and slots. After a few months of pounding away at the program the design that emerged was about 99.9% new. Instead of the typical “Antique” look I went for a sleeker “1920’s Racer” look.

After the success of the scratch built version I quickly had a laser cut short kit made up. I asked a good RC-buddy Tom Hastie to build this model as an electric version. Most of the build photos are provided from Tom’s kit. Climate Models who did my laser cutting are adding Orville to their fine line of kits. By the time you read this it should be online and ready to buy. Cost should be 75\$ Cdn. Check it out at [www.welasercut.com](http://www.welasercut.com)

## Airborne

“No Fear!” I knew when Orville took flight for the first time it would be a pleasant experience. I had taken a great flying layout and had shrunk it by washing it in hot water. On Nov. 19, 2005, I took Orville to the ORCC field, and boy it was cold. I did all the normal things, check for loose connections and the standard range-check. I took my time getting the trusty OS FX .25 warmed up and purring.

I tripled checked stick movements to ensure controls were moving in the correct direction. When I was 100% satisfied, I slowly opened the throttle and Orville quickly accelerated and the tail came up immediately. After a very short run Orville was airborne and climbing away nicely. Orville has a very low wing loading with its 425 sq” inches of wing while weighing a mere 3lbs. No problems here, a click or two of right aileron and 1 click down elevator and the model was flying hands off.

The OS FX .25 was a good fit; Orville easily cruised around at half throttle. All the control throws had been set up with clevises on the bottom hole of the control-horns. Nothing was found to be wrong with this basic set up for the average pilot. In fact I could have easily flown the “Sportsman” routine for a pattern contest with the way it flew. Loops, rolls, spins etc were done at a relaxed pace at half throttle. At ¾ throttle Orville easily zoomed vertical doing some awesome looking hammerheads. Knife-edge passes the entire length of the field are always a blast. The semi-symmetrical airfoil made inverted flight a joy with very little input required to hold it level. When it warms up it won't be long before people are dragging the top of the rudder across the grass.

I have never become so comfortable with a plane so quickly. I knew the 4oz tank was getting dry so I cut the throttle back and watched Orville quickly slow down and float down to land at a snails pace. The light wing loading and fairly thick airfoil makes a great combo. It would be fun to see how Orville holds up to the rigors of a club fun/fly this summer.

### Testimonial

Tom Hastie, a good RC-buddy and the clubs general expert pilot, was asked for his opinion on how Orville performed after he had landed. Tom replied “It really did fly nicely. One of the most honest aircraft I’ve flown. Testing out Ken’s made me really want to build mine faster. There was very little coupling in knife-edge, nice and neutral in all axes. The lightness in the design really shows up in the flying characteristics. It is definitely a nice second trainer, but it’s also honest enough to let you really clean up your flying. I can’t wait to get mine in the air. Move the CG back and increase the throws to see if she’ll hover!”

### 2006 - The Year of the Orville?

I’ve had a lot of long daydreams of a perfect sunny day with no wind and moderate temperatures. The ORCC pit area and the 5 pilot stations are full of people having a good time. Hey that’s what happens at every SMALL event we’ve had! But this time there will be more fun & prizes, and pictures taken for all the guys who show up with their own Orvilles.

My many thanks go out too all those who have had a hand in helping me, and there are many! The support from the ORCC has been fantastic! Feel Free to ask for any help if you have any problems.

#### **SPECIFICATIONS:**

**Model: Orville**

**Type: Advance Trainer/Sport Model**

**Wing Span: 50 in.**

**Length: 43.75 in.**

**Weight: 2.5 – 3.5 lbs.**

**Wing Area: 425 sq in.**

**Engine used: O.S. FX .25**

**Engine limits: .25 - .32 2-stroke**

**.30 4-stroke**

**Prop used: 9x4 Master Airscrew**

**Radio used: Standard 4 channel**

**Electric Motor recommended:**

**Hacker A30-16M 300-350 Watts.**



Ken Park

Email [ken\\_park\\_99@yahoo.com](mailto:ken_park_99@yahoo.com)

Phone: (613) 823-1933



Here is a photo of my current winter project. I am just now starting to cover it. It is a 3D aerobatic plane of my own design. I am thinking about calling it a Eucalyptus.

wingspan: 56"  
wing area: 720 sq in.  
engine: O.S. .50 SX  
expected weight: ~5 lb  
receiver: HiTec  
servos: 4 Futaba 3150 digitals  
1 HiTec HS-81

Dave Sawatzky

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## **For Sale**

### **Hangar 9 Easy 2 Trainer with OS .46 engine/servos/receiver and battery.**

Field box, complete/ Battery, pump, starter, glow connector, 4-way wrench, spare glow plug.

Futaba 7CAP Transmitter.

Trainer cord.

FMS Flight Simulator CD Rom/

USB to U5 (Futaba) Cable

\$500.00 for the lot. A ready to fly Kit.

Contact: [joefothergill@sympatico.ca](mailto:joefothergill@sympatico.ca)



## **Thermal Thoughts February, 2006**

I hope everyone had a great holiday season and is getting prepared for the coming flying season. Those of you who are building new gliders picked a great year to do so because we have a very full season of flying planned. The big news is that we will be holding a sailplane nationals competition at our field in August!

Friday, August 25<sup>th</sup> is set aside for Hand Launch, Saturday, August 26<sup>th</sup> for 2 Metre and Sunday, August 27<sup>th</sup> for Open Class. This event will be MAAC sanctioned and supported.

We decided on flying open and hand launch because locally there is a lot of keen interest in those areas. The 2 Metre event will encourage participation from newer flyers who have not yet graduated to open class as well as persuade the more experienced flyers to dust off those old 2 meter gliders that have spent the past many years in the garage or attic. I

know there are a lot of them out there so now is the time to check them over and cycle the batteries. Let's all participate and show the rest of Canada how to hold a great national glider competition.

At the February glider meeting, we agreed to an interlocking fun fly schedule with the MATS and the C2VM clubs from Montreal. This step was taken in order to stimulate interest in competition flying in all three clubs. We are currently in discussions to develop a set of rules to turn this schedule into an interclub championship. Points will be accumulated from the fun flies to count towards an interclub trophy that will be awarded at the end of the season. Stay tuned for more details.

Here is the 2006 glider contest schedule. I have made some small adjustments to allow us to hold the Nationals without having too many contests.

Event	Location	Date	CD
Fun Fly	ORCC Sod Farm	May 13	John Blenkinsop
Fun Fly	C2VM Field St. Julie Quebec	June 4	
ORCC Annual 2 day contest	ORCC Sod Farm	June 17 & 18	Vince Hendricks & John Blenkinsop
Fun Fly	ORCC Sod Farm	July 16	Geoff Ross
MATS Annual 2 Day Contest	MATS Field Coteau Station	July 29 & 30	
Soar Nats 06	ORCC Sod Farm	August 25, 26, 27	TBA
DLG Contest	ORCC Sod Farm	September 23	Geoff Ross
Fun Fly	MATS Field Coteau Station	September 24	
Fun Fly	ORCC Sod Farm	October 8	Dick Mills

Brian Buchanan

## **ORCC Auction**

The meeting this month is the annual ORCC Auction. If you're not familiar with it, here's how the auction works.

- Show up early with your items for sale, and to view the other items before the bidding starts
- All items will be numbered and recorded by ORCC officials running the auction
- 10% of each sale goes to the ORCC for providing the auction service
- There is a flat fee of \$5.00 for every item with a reserve bid regardless of whether the items sells or not
- Each seller is responsible for the sale transaction of their item. The ORCC can not necessarily help with changing large bills.

Brian Wattie will serve as the auctioneer again this year. Check your basement for all that stuff you don't use anymore, and bring it to the sale. You'll then have plenty of room for all the new stuff you buy.

## **ORCC Executive Committee**

President	John Weekes	727-0066
Vice President	Dave Rees	825-1530
Executive Secretary	John Blenkinsop	526-5136
Treasurer	Dick Mills	822-7529
Memberships	Aurele Alain	738-8797
Past President	Jean Populus	591-9738
TopCap Editor	Mark Josefowich	248-0514
Gliders	Brian Buchanan	824-3723
Scale Sailplane		
Helicopter	Len Gaultois	746-8526
SMALL/ Air Combat	Ken Park	823-1933
Float	Aurele Alain	738-8797
Electric	Paul Penna	731-5627
Yachting & Indoor	Jim Zufelt	733-1210
Chief Flying Instructor, Power	Shahram Ghorashi	726-8709
3D Flying	John Weekes	727-0066
Winter Flying	Shahram Ghorashi	726-8709
West End Field Manager	Karel Tettelaar	226-5023
Pattern Flying	Dave PENCHUK	592-6706
Postmaster	Andrew E. Mileski	565-1827
MAAC Zone Director	Richard Lyle Barlow	613-348-1696

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# **Discount Hobbies**

Unit 106, 1803 St. Joseph Blvd. Orleans, K1C 6E7

**(613) 830-2373**

**Open: Mon.-Fri. 9am to 9pm**

**Sat. 9am to 5pm, Sun. 11am to 5pm**

***Servicing your R/C needs since 1984***

**Specializing in a Wide Range of  
R/C Model Products**

**Wishing everyone 'All The Best' in 2006**

**Thank you for your support from all of us at  
Discount Hobbies**

## **Dynamic Hobbies Inc.**

21 Concourse Gate, unit 6, Nepean  
Ontario, K2E 7S4 tel (613)225-9634

Hours: Monday to Friday 10am - 8pm  
Saturday 9am - 5pm  
Sunday CLOSED

### **Check us out for your Airplane needs**

We have added over \$20,000 worth of inventory in the past 6 months!

Check out some of our new items in stock including:

- Saito engines at exceptional prices!
- Heli-max MX-400 kits including spare parts and upgrades!
- Latest E-flite motors, kits and parts
- Huge Selection of Li-Poly packs ranging in capacity from 125mah – 3200mah

If we don't have what you are looking for, we do a weekly customer order every Thursday at 8pm!

**We are proud to sponsor the ORCC!**

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## **Upcoming Dates to Remember**

<b>Date</b>	<b>Event</b>
<b>2006</b>	
Tuesday, February 7	Club Meeting – Auction!
Saturday, February 25	Winter Fun Fly – West End Field
Tuesday, March 7	Club Meeting
Tuesday, April 4	Club Meeting – Concours D'Elegance
Tuesday, May 2	Club Meeting
Saturday, May 13	Glider Fun Fly – ORCC Sod Farm – John Blenkinsop
Saturday, June 4	Glider Fun Fly – C2VM Field, St. Julie, Quebec
Tuesday, June 6	Club Meeting
Sat & Sun, June 17 & 18	Two Day Contest – ORCC Sod Farm – Vince H and John B
Saturday, June 24	Doug Pinhey Float Fun Fly – ORCC Float Pond
Sat & Sun, July 8 & 9	MAAC Zone G Fun Fly – Brockville
Sunday, July 16	Glider Fun Fly – ORCC Sod Farm – Geoff Ross
Saturday, July 22	Dynamic Hobbies SMALL Event – ORCC West End Field
Sat & Sun, July 29 & 30	MATS Annual Two Day Contest – MATS Field – Coteau Station
Fri, Sat, Sun, Aug 25, 26, 27	SOAR Nationals 06 – ORCC Sod Farm
Tuesday, Sept 5	Club Meeting
Sat & Sun, Sept 9 & 10	Arnprior Aerotow – Arnprior Field
Saturday, September 23	DLG Contest – ORCC Sod Farm – Geoff Ross
Sunday, September 24	Glider Fun Fly – MATS Field – Coteau Station
Saturday, September 30	Brown Bag Float Fun Fly – ORCC Float Pond
Tuesday, October 3	Club Meeting
Sunday, October 8	Glider Fun Fly – ORCC Sod Farm – Dick Mills
Saturday, October 14	Fall Fun Fly – ORCC West End Field
Tuesday, November 7	Club Meeting
Tuesday, December 5	Club Meeting



## **Interested in Float Flying?**

Join the new ORCC Float Flyer distribution list.

To subscribe, send an e-mail to:

[ORCC-FloatFlyers-subscribe@yahoogroups.com](mailto:ORCC-FloatFlyers-subscribe@yahoogroups.com).

You will be automatically added to the distribution list.

To send an e-mail to the group send to:

[ORCC-FloatFlyers@yahoogroups.com](mailto:ORCC-FloatFlyers@yahoogroups.com).

**ORCC Website : <http://www.ottawarcclub.ca>**

### **March Meeting: Tuesday March 7, 2006**

**ORCC Club Meetings** The first Tuesday of each month

**Date & Time:** from September to June at 8:00 PM.

**Location:** McNabb Community Centre

180 Percy (at Gladstone), Ottawa

Submissions for the TopCap Newsletter can be sent to:

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69 Clifford Pvt, Ottawa, K1G 4Y2

EMail: [markjosefowich@rogers.com](mailto:markjosefowich@rogers.com) Phone: 613-248-0514

**Closing Date for the March TopCap: Tuesday, February 28, 2006**