



Stetson Flyer

Stetson Flyers Model Airplane Club

February 2003



Don Dow shows off his turbine powered helicopter at the last meeting. More meeting pictures on page 9!



Did you know that the Stetson Flyers are the pilots for the airship at the Ottawa 67's hockey games? See more on page 10.

Next Meeting

Tuesday, February 25th
7:30 pm

Don't forget your "Bring'n'Brag"!

***Use the back door
to the museum!***

Winter Fun Fly

Sunday February 23rd
11:00 am

*Coffee, hot chocolate and chilli will
be available at lunch time for a mod-
est fee.*

***Come out and have
some fun!***

Coming Events...

February 23rd
February 25th
March 25th
April 29th
May 27th

Winter Fun Fly
Regular Meeting
Regular Meeting
Auction Meeting
Regular Meeting

Club Officials and Contacts

President	Gerry Nadon 824-9100 president@stetsonflyers.com
Vice-President	Peter Barnes 824-5352
Secretary	Erich Zappe 830-7549 secretary@stetsonflyers.com
Treasurer	Dan Murphy 663-5188 treasurer@stetsonflyers.com
Chief Flying Instructor	your name here!
Webmaster	John Jackson 445-5726 webmaster@stetsonflyers.com
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Mailing Address:

The Stetson Flyers Model Airplane Club
P.O. Box 456, Orleans, ON, K1C 1S8

Web Page:

<http://www.stetsonflyers.com>

Dues:

\$55.00 per calendar year; \$30.00 for students under 18

Meetings

The Stetson Flyers meet at 7:30 on the last Tuesday of each month, except for December, June, July or August. The meetings are held at the Canadian Aviation Museum in the Bush Theatre.

Receive this newsletter via email!

Instead of sending a printed newsletter by Canada Post, we can send you an email notice with the web site address where you can download the newsletter each month. The file is an Adobe Acrobat PDF file, which means that you need to use a FREE Acrobat Reader software to view or print the document. There is a link to the Adobe site to get the FREE software on our web site.

The benefits to you are faster delivery, colour pictures, less cost to the club, and environmentally friendly to boot!

To receive the newsletter by email, send **your** email address to editor@stetsonflyers.com

Please visit our web site at

<http://www.stetsonflyers.com>

Our web site is hosted as a community service by
Magma Communications
(613) 228-3565

Would you like a member discount on your internet access? Contact club member Rick Ramalho at rick@magma.ca to receive information on discounts for Stetson Flyers members.

Newsletter Questions and Answers

How do I open the electronic newsletter?

You need Version 5 of the free Adobe Acrobat Reader software installed on your computer. You can download this from:

<http://www.adobe.com/products/acrobat/readstep2.html>

If you are using a dial-up modem, this may take about 30 to 40 minutes to download.

Why do I get errors opening the newsletter?

Most likely you have an older version of Acrobat – perhaps version 3 or 4. Please download Version 5 as above. It usually fixes all the error messages with the newsletter.

I used to get emails about club events, but now only get a printed newsletter – what happened?

Mostly likely your email address changed or failed and we were not given a new one. When this happens we revert to printed newsletters. To get back on to electronic distribution, just send an email to editor@stetsonflyers.com. By default, those with email addresses will be notified when the electronic version is ready for download. You can ask to have a printed copy sent as well.

If there are any other questions, please contact me at editor@stetsonflyers.com.

Looking for event dates for other clubs in this area? Check out the calendar on club member Darcy Whyte's web page:

<http://www.calmdays.com/h/cd/calendar.asp>

If there is an event that is not listed, you can add to the calendar at the top of the page.

For Sale: If you have something you would like to sell, feel free to send me the details and I will add it to our next newsletter!

Meeting Minutes—January 28, 2003 Aviation Museum

1.0 A motion to accept the minutes of the last meeting as posted was made by Scott Clarke, seconded by Doug Edwards and was accepted.

1.1 Dan reported that paid membership to date is 29. Gerry added that memberships must be paid if one is to be winter flying. The membership year begins January 1. The gate code will change on April 1. New membership cards will have the new code.

1.2 John Jackson reported that all is well with the newsletter.

1.3 A Chief Flying Instructor is still required for this season.

1.4 The Winter Funfly will be Sunday February 23 starting at 11AM. The driveway and parking lot will be cleared prior to the event. There will not be a landing fee. Chili and beverages will be served.

1.5 The Ed Rae Memorial Funfly will need some volunteers to help out with the impound, registration and canteen. A date to advertise with MAAC will be determined at the next meeting.

1.6 July 1, Canada Day, at the museum is currently being planned. A flying demo and static display will be put on by the club as before.

1.7 Ken Langille put forth a motion to host the pattern event on August 30, 31 with the format unchanged from past years. This was accepted. Ken added that there is a judging seminar for pattern and IMAC events at the Kitchener Waterloo club.. Those that are interested should contact Ken.

1.8 Gerry made a motion to host the Giant Rally again this year. Dates would be September 13, 14. Seconded by Ed Whynott and Dave Asquini, it was passed.

1.9 Regarding the field, Gerry relayed that Walter Hill may be dropping off clean soil for the field.

2.0 At the next meeting the shelter for the field will be decided on. A proposal will be presented with modifications to be discussed and decided on.

2.1 Dan will be showing sizing samples of the club jacket in order to take orders.

2.2 For upcoming meetings, those that wish to show their expertise with certain topics are welcomed to share with fellow club members.

2.3 Michael Cooper reported that all is going well with the airship flying at the Ottawa '67's games. Michael thanked Dave Martin for repairs done to the airship.

2.4 The Pranged Pig was awarded this month to Maurice Edkins for plane pranging January 1.

2.5 Marc Shaw was the first flyer on January 1 and was awarded a gift certificate.

2.6 A request was heard by a local Astronomy club to use our field parking lot to observe the skies this year. Certain club members will have the gate code. Any Stetson members are interested clinics can be arranged. A motion to accept this group using our field was accepted. Gerry added that this would have to be requested each year.

2.7 The business portion of the meeting was adjourned followed by Bring'n'Brag and coffee.



Maurice Edkins is our lucky Pranged Pig Award Winner for the month of January for his efforts on January 1st—the first prang of the year!

PRESIDENT'S MESSAGE

Here we are again, another month and another meeting.

At our last meeting ,we decided on a date for the winter fun fly, Feb. 23. The organizers are Ed Whynot and Dave Asquini. They will provide beans and chili. Thank you. Starting time is 10:30 a.m.

We discussed jackets, Dan Murphy gave a brief description and he will drop samples at Discount Hobbies for members to try and decide on sizes.

At our next meeting, Dan will be taking orders, payable in advance.

We need a Chief Flying Instructor for the coming season. An instruction program is a must. Instruction can be very rewarding, everyone in our club has received instruction at one time or other. Maybe an this is an opportunity to give back to a program that has brought many flying wings.

The Ed Rae memorial at the beginning of June needs some attention. We need some members to step forward for this event. Three or four guys can get together and easily take care of this event.

July 1st looks good, I have invited our MAAC president to fly in this event with his Lanc or Halifax, not sure which one. The museum may have quite a show. They are negotiating with the military, and it looks good. This one will be a good time.

If you read the MAAC mag you will notice that Wayne Bransfield wrote an article on this year's insurance policy for us. You would not believe the cost, it has almost tripled. The deductible is through the roof. As for our membership, it all remains the same, \$500 deductible. Only one carrier would offer us a policy. The association for now will absorb the extra. The certificates issued to clubs will be issued by the insurer and not the MAAC office, at a cost of \$20 or \$25. This is expected to be paid by the clubs. Reason, 9/11.

So when, when you are paying your MAAC dues, keep in mind that the association does provide for its membership. I hear sometimes, opinions that the support is mainly for competitors, not so. Oh yes, I would expect an increase in our MAAC dues.

Safety discipline is becoming more important, the mood of the carriers is not very sympathetic towards this hobby.

At the next meeting Richard Hinz will give us a talk on creating plans from a drawing.

A few suggestions at the last executive meeting for meeting events, a return by Peter Zuuring to talk about the Arrow, he ran out of time the last time he came.

How about a presentation by Mr. Leonard Lee from Lee Valley Tools about small tools and how to use them.

The local astronomy club will be using our field, decision at last meeting after they made a presentation. Check out our website.

We may have a presentation. By Gudmon Thompson on cutting foam wings with a CNC setup, I hear he made this himself and is very interesting.

The April meeting will be auction night.

At the last meeting I asked for some input, not a word so far.

At our next meeting we will be discussing the shelter, that how it will be done.

Let us not forget Bring \ Brag, our last one was a great one. Thanks to Don Dow for bringing his large turbine helicopter.

See you at the meeting!

Gerry Nadon



The Ottawa Valley Astronomical Observers Group will be using our field some evenings for stargazing. If you see them setting up in the parking lot please welcome them and stick around for the show! Shown are Ken McNeil, Todd Weeks and Pierre Martin.

Workshop Tours

Welcome to our next instalment of Workshop Tours, a new series of articles for Stetson Flyer readers. Here's the idea: each month I will be the guest of one of our members and take a tour of their workshop, camera in hand. The pictures and story will hopefully give members ideas that they can take into their workshops. For those setting up a new workshop this will be an invaluable source of suggestions of what to do and what not to do!

One theory I have that will be proved or disproved during the period of this series is that the best models often come from the smaller, more modest shops.

If you would like me to tour your workshop, please send me an email to editor@stetsonflyers.com or else give me a call at 613-445-5726.

Mike Ingham

This month we tour Mike's basement workshop. Mike has been with the club many years and is also a Past President of our club. Besides being active with our club, Mike haunts other clubs in the region and is a key player in the local IMAA chapter.

Mike's shop is in the basement of their Kanata home. In order to lay out his 15' X 18' shop Mike needed to move a few walls around. Since he was a renovation contractor in a previous life this did not pose a big challenge to him.

Mike's workshop theme is wheels — just about every cabinet or case is mounted on a mobile cart of some description. This allows access to unhandy corners and allows for creative storage solutions.

Let's take a look!





The primary assembly area is on a mobile cart. This permits access to the project from any side and the whole lot can be pushed out of the way when space is needed. Of note is the power bar at the end of the bench, and the compressor underneath. There is also a substantial storage area underneath the work surface, accessed through the cut-outs visible in the photo. Behind the bench is a storage wall with power tools and parts bins.

Below we can see where Mike hides his wood, plans, and other works-in-progress.



Over the workbench in the rafters Mike makes great use of otherwise dead space. Above you can see a roll of kraft paper. Look carefully above the paper and you can see his collection of monocoat.

The picture below shows a power bar on the ceiling directly over his assembly table, great for plugging in hand held sanders and Dremel tools.





Mike uses a Ridgid brand air filter to remove dust while sanding (top left). A blue foam cradle on a cart allows work on top or bottom of the plane without damage (left). Dental bits are made with high quality carbide and there are still a lot of life left in them once your dentist is done with them (bottom left). Mike's first attempt into model helicopters can be seen above.



A plywood base with heavy duty castors allows several crates of heavy odds'n'ends to be stored. Mike has several of these and they wheel effortlessly into a dead space in the corner of the shop.





Mike finds a Dremel tool with a flex shaft very handy when suspended from a rafter over the work area.



The wall behind the workbench is commercial slat-board which allows for a very neat and organized storage system. Using magnets, the surface of the ductwork presents additional storage opportunities!



Little touches like this tool stand make the shop more than functional.



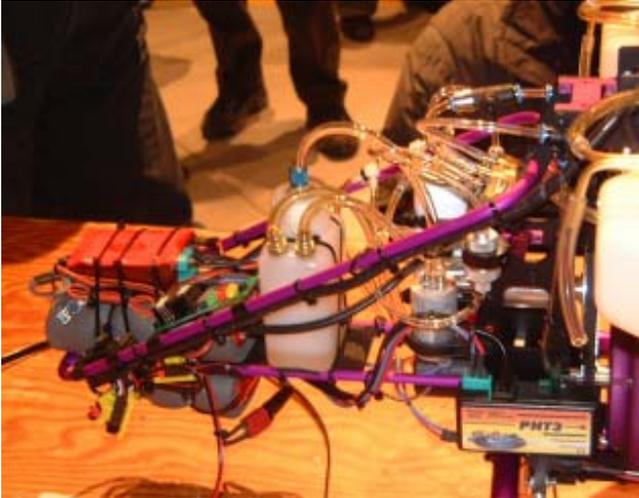
Power tools including a scroll saw, a band saw, a drill press, disc/belt sander and mitre saw are all on carts and can be moved out from the wall as needed. Note the television in the upper left! Mike says that is Gerry's idea.



Heavy duty magnets suspend plans from the ductwork.



January Meeting



A couple shots of Don Dow's turbine helicopter shown on the front page. Startup is completely automated and computer controlled. The turbine powers an 80:1 belt drive to the rotors and can fly for about 14 minutes using 80 ounces of fuel.



A close-up of Jim Browns F-5 jet, powered by a Bio-jet BVM-21.



Marc Shaw with his GeeBee, to be fitted with a Saito 100 and covered with CoverAll and dope finish. This was an IKON West kit that Marc said was not a good kit (I am being polite...)



Gerry Pronovost shows off his latest work.

Ottawa 67's Blimp



The airship is piloted from the area where the Zamboni's enter the ice. Recent addition of nets to protect the crowds pose additional challenges.



Here is the airship team from left to right: Dave Martin, Jean-Francois Labrosse, Rene Cooper (front) and Michael Cooper.



Directional control is from a speed 400 motor and APC prop mounted in the coreplast tail fin.



Two sets of batteries allow lots of flying when the chance arrives. Here Dave is changing the motor batteries in the gondola.



The gondola has two speed 400 motors and APC props that can be rotated for vertical control and thrust. The gondola also has the radio receiver, dual 1500 mAh batteries for the motors, and a release mechanism that will allow prize drops to the crowd.



Rene Cooper, age 11, is a junior member of the club and is one of the pilots of the airship. He does a great job, too!