



STETSON FLYER

Stetson Flyers Model Airplane Club

March 1999

Next Meeting

Tuesday, March 30, 7:30pm

Bush Theatre
National Aviation Museum

“How To” Night and Show ‘n Tell

New HOTLINE at **613-834-7674**

<http://webhome.idirect.com/~hiscocks/>

President’s Message

Spring has sprung! Not really, last Nov. and Dec. we were bragging about all the flying about all the stick time we were getting off wheels. Seems to me mother nature is trying to make us pay for that good stuff we received.

Our last meeting was a real dandy thanks to Richard Robichaud. It was a clubs info night Six clubs were present with many items for show n’ tell and gave a presentation on their club and what they

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Photograph by John Mathewson

Spitfire from Les Ailerons Club

do. This was a fantastic turn out, with 80 people present and enough items to fill the back area behind the Bush theater, donuts, soft drinks and coffee supplied by Discount Hobbies. If you can, check our website John Matewson took pictures and put them on the web. Thanks John.

Draws on a Ugly Stik ARF kit, a set of skis donated by Case Vandenbelt and Richard (the nice ones that Richard sell in his store), a couple t-shirts donated by Seagrams Distilleries, an air craft instrument and an aviation book. Richard Robichaud gave gift certificates to be drawn amongst the clubs present. A miscue on our part, there were three certificates from Richard for show n' tell that we did not use. So we will use them next meeting. Thanks Richard.

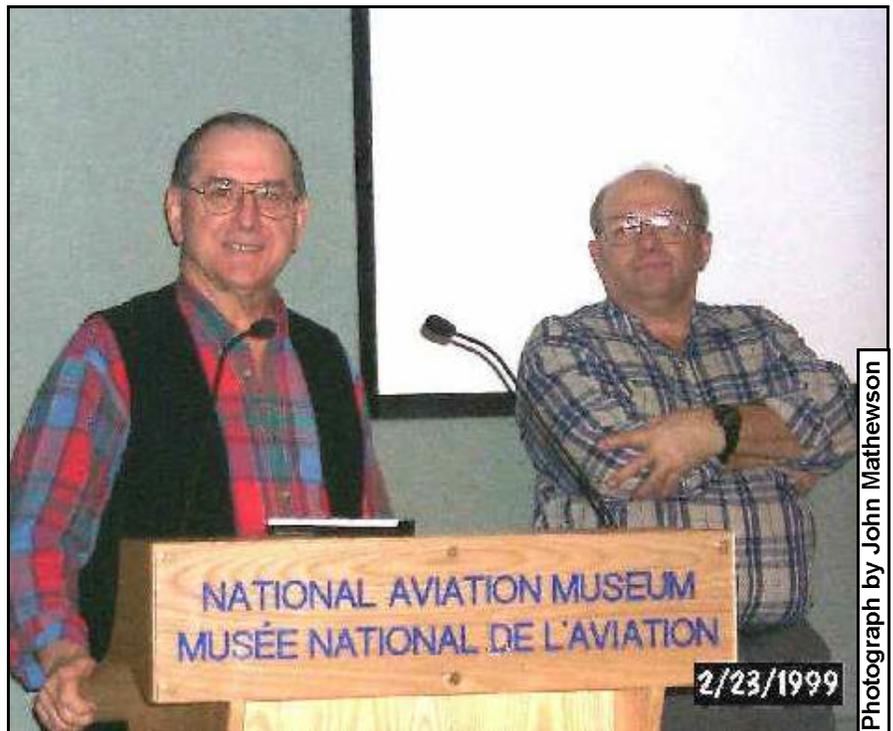
The Pink Pig was given to Peter Mazerolle for crashing his Eagle. Thanks Peter for being honest and taking it off my hands. A few in attendance were trying to

make me keep again. Maybe we want me to adopt it. No way!

On the serious side, we had a MAAC report from our zone director Ross MacEwen. Also, Stan Shaw, former MAAC president and everything else the organization, has moved to Kanata. He is presently the MAAC anniversary chairman. You know, MAAC 50th, in case you forgot. He also gave a talk about anniversary celebrations and methods to do so, like the calendar we received, an anniversary crest available from MAAC headquarters and our June event will be a MAAC birthday party. Thank to both for updating

us on our organization. I was thrilled, because we never much opportunity to hear, on a national level, what is happening, other than the magazine.

The slate of events was voted on. The list is published in this newsletter. We will need some support. This not work list



Photograph by John Mathewson

Stan Shaw and Gerry Nadon

for Gerry Nadon!

February 28, winter fun fly. Bad weather. Seven pilots, two from the Ottawa club. Great chili, coffee and hot chocolate. Everyone had a good time, rain started around noon, in the middle of my flight. I landed five minutes later with iced wings. A big "thank you to Christine Devlin" for making the chili, coffee and hot chocolate. Also to Terry Satchell for helping her.

Our next meeting, is how-to night. If you have good method of doing things. Different ways or have become quite good at using a product. This is what this night is about.

We will have three gift certificates for show n' tell. So bring something, this could be a new product you have acquired or an antique you may have.

Don't forget to check our website, it looks great, thanks to Roger Hiskocks.

The clubs that came to our meeting, ORCC (OTTAWA), Cornwall Aero Modelers, Rideau club, Arnprior club, Algonquin club and Les Ailerons, thanks to all, it was nice see everyone and it was a lot of fun. Thank you to Ross McEwen and Stan Shaw for their reports on MAAC.

Bob Butterworth is looking for students, he is planning the program. Tel.# 487-2851 or leave your name on our Hot line.

I am in the process of booking the caterer for the May meeting, this is our annual dinner meeting. Same location as last year, in the middle of the museum, nice spot, nice atmosphere.

See you at our next meeting March 31st, bring an item for show n' tell.

Happy flying,
Gerry
MAAC 5271L

CLUB OFFICIALS, CONTACTS

President	Gerry Nadon 824-9100 (gnadon@storm.ca)
Vice-president	Serge Martin 737-2946
Secretary	Eric Zappe 830-7549
Treasurer	Bob Clarke 292-2998
Events	Ken Langille 841-0024
Chief Flying Instr.	open
Field	open
Newsletter	Paul Nadon 738-8973 (pnadon@storm.ca)

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**Stetson Flyers Model Airplane Club
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MODEL AERONAUTICS ASSOCIATION of CANADA

From the editor:

If you have an idea for or can write about a story, technical or otherwise, let me know.

Paul Nadon, 738-8973, pnadon@storm.ca



HOWARD'S DISCOVERY --THE CAUSE FOR SERVO FLUTTER

by Clay Ramskill

The problem is servo "flutter" -- my term for when you move a servo to one side or the other, and let go of the stick, the servo doesn't stop at center, but passes through, "hunting" back and forth for a few cycles. When connected to a control surface, this looks like the servo makes the control surface "flutter" around its trim position.

This phenomena had happened to me before, and one of my current planes was afflicted in the ailerons. I had crashed a delta model (elevators failure) some time ago, after it had developed a case of elevator servo flutter, but had never figured out the real cause. Howard asked me one day what caused this flutter -- one of his planes was doing it, ailerons also. I was unable to give a decent answer.

Sometime later, Howard observed to me that he was able to "cure" the flutter problem by plugging and unplugging the aileron extension plug to the servo. We surmised that if the contacts in the plug were dirty or corroded, plugging several times might tend to clean the contacts enough that the problem might be temporarily cured. We don't know enough about the electronics involved to really pin down the exact cause and effect. But it was obvious that Howard was on to something.

Recent events have proved Howard's theory. After rainy weather (corrosion inducing?) my aileron

servo flutter entered a worse stage -- the servo was super slow, it slowly fluttered, and sometimes DID NOT WORK AT ALL. Replugging the aileron plug 4 or 5 times improved the situation -- the servo worked normally! Later, replacing the aileron extension completely solved the problem.

Discussing this with Howard, it all comes together.

All the servo flutter problems have occurred in conjunction with an aileron extension (including my delta's elevators).

Both of us have aileron extensions in use which could be considered "ancient."

We both have tended to use a good newer servo for ailerons -- but never paid much attention to the extension.

Nothing lasts forever!

In retrospect, think about it -- the plug to your aileron extension is the most used, except for the charging plug. It gets wrenched around, jerked, and quite often is left to vibrate around in the plane as you fly.

So the possibility of it failing after years of use, be it dirt, corrosion, or wire breakage, is high.

And the "flutter"? Thank goodness -- again, your plane's trying to TELL you there's a problem!

Stetson Flyers 1999 Events

75th RCAF Anniversary Display (contact: Terry Satchell)	Orleans Legion	3 April
May Dinner Meeting	NAM	25 May
June Fun Fly	Stetson Field	6 June
Canada Day Display & Demo (Gerry)	NAM	1 July
OPP Under-privileged Children Demo	Rockcliffe	8 August
Executive fun fly (executive)	Stetson Field	15 August
Pattern Contest (Ken L)	Stetson Field	4-5 September
Giant scale rally	Stetson Field	18 & 19 September
Ottawa Valley Zone Meeting	NAM 17	October

Mouse shoots down gaint scale aircraft

A true story, submitted by Lloyd Roberts
Article from High Flight Magazine

My trusty float plane, which I have hundreds of flights off of the lake I live on, took off on a mission as usual and promptly glitched. I recovered the aircraft and regained my composure when it glitched again. Just as I was thinking of landing, it went into a terminal glitch and spiralled down into the water with expensive and possibly final damage. I conducted a post-mortem exam, a pathologist by profession, to discover a very soggy mouse nest hidden in the fuselage behind the radio compartment. The antenna ran through the nest and apparently caused some inconvenience to the mouse's bedroom. The resident mouse chewed through the receiver antenna, leaving it in two pieces. Closer examination revealed

many tooth marks on the insulation.

The remaining stub of my receiver portion of the antenna wire was about four inches long, and probably partially shielded by the radio, engine, battery and metal float struts.

Unfortunately, the stowaway missed this flight as I would have been a lot happier to find a drowned mouse aboard during the post-mortem.

NOTE OF CAUTION: When storing your aircraft for the winter, make it is well sealed to prevent unwanted boarders or get a cat!

General Meeting

February 23, 1999
Location: Aviation Museum
Attendance: 60

Gerry welcomed everyone to the meeting including many guests from other area clubs

General Business

1.0 Minutes from the January meeting as printed in the last newsletter were accepted by Jim Brown and seconded Christine Devlin.

1.1 Bob gave the treasurer's report. Currently the bank account has a balance of \$3295.32 and the GIC is valued at \$5849.80.

1.2 Gerry presented the list of events with dates planned for the upcoming year. John Jackson put forth a motion to accept this list which was seconded by Ed Whynott.

1.3 Terry Satchell offered to organize the static display at the Orleans Legion on April 3 for commemorating the Air Force's 75th anniversary. Jim Brown made a motion to add this to the schedule and it was passed.

1.4 Ed Rae was honoured for his contributions to the club with a certificate. Ed does the grass cutting and signage at the field.

1.5 Ross McEwan our MAAC zone director spoke of the current status of MAAC and the upcoming AGM. Currently revenues and memberships are up and the association is on the profitable side. Ross spoke of plans for MAAC's 50th anniversary celebrations this year. He will be visiting and writing clubs to host a an event to promote this. Currently the Stetson's and the ORCC are planning to host events. Ross was also hoping for ideas to make these events more special.

1.6 Stan Shaw who is working on the MAAC's anniversary celebration spoke on various projects for this year. MAAC is designing a crest to commemorate their anniversary. The calendar was a first for MAAC. A caravan will be visiting various events to promote MAAC and its history. Stan mentioned that the Nationals will be held in Tilsonberg July 3 with a party on Saturday night. Linda Patrick will be honoured for 21 years as secretary/treasurer of MAAC.

1.7 Gerry put forth the award of the Pranged Pig to the floor. In order to relieve Gerry of having to keep Mike another month, Peter Mazzerolle admitted to losing his Eagle in a crash. The club agreed and he was deemed worthy.

1.8 The next meeting will be on the topic of How-To with different clinics on various topics. The April meeting will be the annual auction.

2.0 This meeting was sponsored by Richard Robichaud of Discount Hobbies and the theme was to provide a forum for all area clubs to talk about their past, events, etc. Six visiting clubs were represented which included Cornwall, Arnprior, Les Ailerons, ORCC, Rideau, and Algonquin. Richard provided draw prizes, coffee and donuts.

2.1 Show and Tell had many entries with other club members bringing some along as well. The kit draw for a Ugly Stick ARF was also held with Ernie Wetherilt winning.

