



Stetson Flyer

Stetson Flyers Model Airplane Club

November 1999

Next Meeting



Tuesday November 30, 7:30 pm
Bring your Show and Tell!

Note: No Meeting in December

Alignment Of Wings And Tail Surfaces

Courtesy FlightSmith magazine

A very important task in building an RC model is alignment of the flying surfaces with respect to the fuselage. Most of the time there is no absolute reference which will allow you to measure the mounting angle and be certain that it is square. One method is to mark a point at the nose or tail (depending on whether you need a reference for the horizontal stabilizer or the wing) at the center of the fuse and measure to the tips of the respective flying surface until it is properly centered. If your aircraft model is in the "bare-bones" stage, using a large heavy straight-edge can easily create hangar rash even before you have done the finishing. Here are a couple suggestions to avoid the large metal straightedge problem.

One is to use a length of ordinary lamp cord. If you get a piece of it fresh off a roll and hang it in your shop, with a small weight at the bottom end, for several days it will be straight enough to ensure accurate measurements. Put a piece of heavy tape around one end (about the last 3/4" or so) and use a pin immediately in front of the tape and through the center of the cord to locate the reference

point on the aircraft fuselage. Then hold the other end at a reference point on each end of the stab or wing to compare the two measurements. A small piece of duct or masking tape will mark your measurement on the lamp cord while you make adjustments to the mounting location of the airframe component.

Another trick is to use what home builders refer to as a "story stick". This is merely a small piece of wood (carpenters use a 2 x 4 but that could be as dangerous as the metal straight edge) possibly a long, 1/2" dowel or similar sized piece. Drill a hole about 1/2" from one end which accepts a heavy building pin to use as the locator. Use the other end to mark wing and stab locations. This can be a good reference tool to ensure your wing mounting is secure.

Mark the dowel with the name of the plane next to the final dimension to the wing tip and check your model after several flights.

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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.

Club Officials and Contacts

President	Gerry Nadon	824-9100
	gerald.nadon@sympatico.ca	
Vice-President	Peter Barnes	824-5352
Secretary	Erich Zappe	830-7549
Treasurer	Christine Devlin	830-7533
Events	open	
Chief Flying Instructor	Bob Butterworth	487-2851
Field	open	
Newsletter	John Jackson	445-5728
	john.jackson@netmanage.com	
Hot-Line	834-7674	

Mailing Address:

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

Web Page:

<http://www.stetsonflyers.com>

Upcoming Important Dates

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 National Aviation Museum in the Bush Theatre.

First Meeting of the new millenium:
Tuesday January 25, 2000 at 7:30 pm

Receive this newsletter via email!

For those members who have supplied us an email address, we can send you an email notice with the web site address where you can download the newsletter. 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.

To send you this notice, we need to have your email address on file. Last month, nearly 12 of the email addresses the notice was sent to were no longer valid! If you would like to get your email address on our list (or make sure we have your current one), send a quick note to john.jackson@netmanage.com and I will update the list.

CYA GLUES A HEALTH HAZARD

From: MerleDavies
28523 Dino Cir.
Chestorfield, MI 48047-4319
Marine City Radio Control Club
Marine City, Michigan
Reprinted from Ampeer newsletter

Perhaps the information below, condensed from the article in "Modern Aviation" is worth insertion in your newsletter.

Material Safety Data Sheet informs readers of the harmful effects of CyA glue, which flying model builders use. There can be potential health effects if the adhesive is not used out-of-doors, with a fan for good ventilation, or a paint spray respirator. Cya glues contain Eythl Cyanoactate the **most harmful**, while the **oderless** type uses Butyl Cyanoacetate which is much less **harmful**, and more expensive. Alternate for the above are slower epoxies and aliphatic resins like Titebond II, Sig - Bond, and Carpenters glue.

The strong odor CyA adhesive acid component can cause damage to the eyes. The burning you feel is the acid etching the lens of your eyes, slowly destroying your vision. The vapors slowly burns the air sacs in your lungs, combining with the moisture to start sealing the tissue, causing hard breathing as in a severe asthma attack. Possible nerve damage and itchy skin problems can result. This product is giving us lots of warnings, so it will be used correctly. **Children should not use Cya.**

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!

Minutes from October 26th Meeting

Attendance: 29

Location: National Aviation Museum

1.0 Gerry opened the meeting, welcoming all, including visitors.

1.1 Dave Larkin brought a film to show at the conclusion of the meeting and Tom Saunders was to show the artwork on display celebrating the RCAF's 75th anniversary during intermission.

General Business

2.0 Gerry summarized the past years events including the MAAC 50th Anniversary event and the Giant Rally of which both have articles to appear in MAAC and IMAA magazines.

2.1 Membership total for the year is 118 which is up from last year. Gerry stressed that all members are responsible safety at the field. Also that members are needed to help out in club activities.

2.2 The financial report for this season will be presented at the next meeting as all reports have not been completed. Some spending on the field was restricted this summer as the financial status was not current and cautionary spending was maintained. Membership revenue did continue to come in. Brush cutting and ditches for drainage may be postponed until next spring.

2.3 A motion was made to accept postponing this work. Accepted by Abe Biickert and Terry Satchell and was carried.

2.4 Erich gave the current bank balance which was \$2302.55. The opening balance for the season last October was \$1090.96 which shows an income of \$1211.59.

2.5 Bob Butterworth gave the CFI report. He reminded all that he is maintaining the club photo album and will accept any contributions. Tom Saunders was awarded his Wings.

2.6 John Jackson updated everyone on the Newsletter. John would like to receive email addresses from members with them in order to save postage costs. As well having the newsletter online may happen as well. Rick Ramalho of Magma Communications has offered to set up our website under "stetsonflyers.com" with no cost to the club other than the annual maintenance fee of \$35.00.

2.7 A motion to accept this proposal was put forward, accepted by Frank Reaume and carried.

2.8 With Roger Hiscocks doing a fine job Gerry introduced a motion to select him as the website master, a nonelected position. It was accepted by Jim Brown and passed.

2.9 This month's Pranged Pig Award went to John Eckland for losing sight of his plane in some fog and also landing in the fence.

Elections

3.0 Bert Fortier campaigned for nominees for the executive. He was ill and had to miss the meeting. Nominees for positions were as follows:

President: Gerry Nadon

Vice President: Peter Barnes

Secretary: Erich Zappe

Treasurer: Christine Devlin, Andre Matte

The only vote was to decide the treasurer's position. Gerry put forth a motion to not fill the Events coordinator position does not ensure members taking on events instead of them falling back on the executive. This was accepted by John Jackson and Bob Butterworth and carried.

3.1 A motion was presented to close nominations and was accepted by Tony Mitchelson and Christine Devlin and passed.

3.2 Christine was elected as Treasurer.

3.4 The meeting closed with Show 'n' Tell, the tour of the art display, and the film of scale passenger aircraft. Abe Biickert won a gallon of fuel for showing his free flight models. Hmmm?



"CHIPS" News Flash

The Mosquito Squadron Winter building project!

Editor's Note: This is a follow-on article from the September 1999 issue of the Stetson Flyer.

Final Price:

\$30.00 CDN for local area people
\$30.00 CDN plus \$10.00 for those require shipping in Canada
\$30.00 CDN plus \$20.00 for those require shipping for U.S of A
All money is to be in Canadian funds thank-you!

The Semi Kit will be done in batches of 10 on a first paid first served basis. Remember, those who have already put down a \$5.00 deposit, please subtract it before sending in the remainder of your money. Payment can be made in cash or money order or Master Card. Don't send your M/C number over the computer please. You still have time to get in on Chips before the Dec 31 deadline. The production line should start working by the end of November. You can expect chips to be available soon after that!

The Mosquito Sqn Small Steps fly-in 2000 is all about having Fun! So we want everyone to come and experience the fun for themselves. This year event will be again be sponsored by the "ORCC" Ottawa Remote Control Club July 29/30th. In an effort to increase participation the idea of a winter building project was brought forward. This idea has proven to be fantastically popular with 28 people signing up already. The plane is called "Chips" a Randy Randolph design. Chips is a low wing sport plane built with 4 channels and .10-.15 size engine. If you haven't herd already Small Events are open to models with a .26 engines and below. Electrics C/L etc are all welcomed at SMALL events.

Mark Winstanley and myself are the project managers for Chips and we have been working hard to develop chips into a semi kit for you. The semi kit will contain a full size copy of the plans and a set of foam-core wings. The fuse sides and all ply formers will be pre cut for you and the remainder of the wood needed to finish the plane. The landing gear will also be pre-bent for you. We will also provide a construction article and further notes by myself on how I built mine. A list of the extra materials will be provided help guild you in finishing the plane: type and size of fuel tank, engine

mount, wheels etc. This extra's list is going to be provided To Dynamic hobbies ahead of time so he may have the stuff in stock before you need it!

The price of materials for each plane has been calculated on us making a production run of 30 planes. The final cost will be \$30.00 CDN each. Please remember that we are doing this project at cost so you can build it and come to the event in July! Mark and I are putting in countless hours to make this project fun for everyone. I can't wait for July and see the sky full of planes. We will have to have a special photo op to show off 30 Chips and their pilots on the runway! That photo should make it into the magazines I am sure!

To order this kit as described or to get more information please contact:

Ken Park
66 Fieldgate Dr
Nepean, Ont.
K2J 1T9

ken_park_99@yahoo.com

Specifications:

Chips is a solid, smooth airplane that rewards its builder with a performance that far out weigh sits cost and time it takes to build. Chips can be seen at www.rcstore.com in the sport section

Type:	Sport flier
Span:	41 inches
Area :	308 sq inches
Length:	32 inches
Wing loading:	16 ounces/sq foot
Power req:	.10 to .15 engine
No of channels:	4 standard size servos
Materials :	Conventional balsa and ply.

