

# Model Aviation


## CANADA



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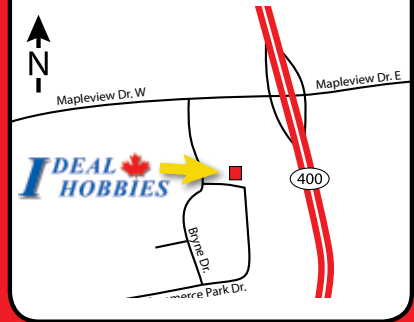
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The Model Aeronautics Association of Canada is dedicated to serving all aspects of modeling through National leadership by encouraging individual, family, and community participation, and promoting high standards of safety and personal fulfillment.

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**Parce Que Vous Voulez"**

La mission nationale de l'association des modélistes aéronautique du Canada est la promotion de tous les aspects du modélisme tant au niveau familial, communautaire qu'individuel sous l'enseignement de la sécurité et l'accomplissement personnel.

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# Model Aviation CANADA



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Bill English, of Kamloops, does a fly-by with his Phoenix Models WACO YMF-5. The ARF has a 90" span and is powered by a DLE 60cc twin turning a 24x8 wooden propeller. / Bill English (de Kamloops, Colombie-Britannique), effectue une passe à l'aide de son Waco YMF-5 (un kit de Phoenix Models). Cette maquette presque prête à voler (ARF) possède une envergure de 90 pouces et est mue par un DLE bicylindre de 60 cc (hélice en bois de 24x8).

Photo: Mark Betuzzi

# MESSAGE DU PRÉSIDENT



**Peter Schaffer - 44429**  
Vice-président  
807.468.7507 | zd-d@maac.ca

## SE GARDER À LA PAGE

Les membres du MAAC, la culture canadienne, la technologie et notre passe-temps vivent tous au rythme d'une transition plutôt rapide. Ce que nous connaissons ne fait plus partie de la réalité. Ce qui intéresse nos membres aujourd'hui n'est pas ce qui les intéressait il y a cinq ans et probablement pas ce qui les intéressera dans les prochaines cinq années. À mesure que les groupes d'intérêt particulier connaissent un cycle de vie pour ensuite pâlir, ils cèdent le pas à de nouveaux groupes, comme la Canadian Federation of Drone Racing, des groupes qui inaugurent d'importants changements au sein de notre passe-temps et de nos vies. Les organismes qui ne peuvent pas se moderniser faiblissent et meurent. Les organismes plus flexibles qui peuvent plus aisément embrasser le changement modifient leurs positions d'eux-mêmes et vivent une croissance à plus long terme.

Avec ceci en toile de fond, votre équipe de leadership du MAAC poursuit son travail et utilise la technologie numérique disponible afin de procéder à ses communications et à ses transactions quotidiennes. D'un point de vue organisationnel, notre stratégie d'avenir, c'est d'éviter de s'en tenir à la façon dont les choses ont toujours été accomplies et d'explorer les changements nécessaires qui nous garderons flexibles et ouverts aux nouvelles tendances, technologies et attentes.

Sans cesse, nous nous demandons ce que nous devrions faire afin que le MAAC demeure pertinent auprès de nos membres actuels et potentiels. En somme, nous nous concentrons sur ce que nous devrions faire plutôt que sur ce que nous faisons. Par exemple, nous avons recours à l'outil de communication numérique « Go to Meeting », ce qui a beaucoup diminué les

coûts de téléphonie et ce qui a d'autant plus amélioré la planification et l'exécution de tâches en éliminant les réunions en personne des membres de l'exécutif tout au long de l'année de même qu'avant la réunion du Conseil de direction et de l'Assemblée générale annuelle (A.G.A.) du MAAC. Cela a réduit le temps de rencontre du Conseil de direction lors de l'A.G.A. de plusieurs jours à un seul, ce qui a entraîné des économies appréciables.

Nous sommes conscients que les gens remettront naturellement en question un changement quelconque en plus de résister à celui-ci, selon la perspective qu'ils ont du phénomène. La réalité, c'est que bon nombre des politiques et des procédures que le MAAC suivait et suit toujours sont vieillottes et/ou inefficaces dans le contexte moderne. Afin de demeurer efficace et pertinent aux yeux de la majorité de ses membres, le MAAC est à réviser, à mettre à jour et à créer des politiques et procédures en plus de mettre au point une infrastructure et des outils d'affaires automatisés. L'objectif : faciliter de beaucoup la tâche d'échanger de l'information et de faire affaire ensemble (membres, clubs et notre organisme) lorsqu'il est opportun de le faire. Notre site Web a été l'objet d'une réorganisation et a été peaufiné de sorte à renfermer des renseignements qui sont disponibles 24 heures sur 24; d'ailleurs, le Système de gestion des documents (Document Management System) est maintenant entièrement fonctionnel.

Nous sommes aussi à concevoir des processus qui feront en sorte que le siège du MAAC puisse afficher les documents corporatifs et que les comités puissent afficher leurs propres documents d'eux-mêmes.

## LES BÉNÉVOLES AU CŒUR DU MAAC

Cela ne surprendra personne que les bénévoles constituent le sang même, le cœur de notre organisme et que c'est grâce à eux que les choses se produisent, que ce

soit à même un club, au sein de la zone ou à l'échelle nationale. Qu'ils siègent au sein de l'exécutif de leur club, de la zone ou de l'un des comités ou groupes consultatifs du MAAC, ces bénévoles accomplissent ce travail parce qu'ils savent qu'il doit être fait. Sans eux, nous n'aurions pas de passe-temps.

Un exemple par excellence : le groupe consultatif de Transports Canada. Ses membres ont travaillé d'arrache-pied afin d'établir un rapport à la fois crédible et respecté avec ce ministère fédéral, histoire de protéger les positions de notre passe-temps et de s'assurer que le MAAC joue un rôle d'appui essentiel auprès du gouvernement fédéral. C'est crucial à mesure que cette agence effectue la mise à jour de la réglementation qui pourrait affecter négativement nos activités.

## PRENDRE LES BONNES DÉCISIONS

Parallèlement, votre exécutif et votre Conseil de direction du MAAC travaillent fort afin de gérer l'organisme et les ressources financières de nos membres afin de décider ce que l'on doit, pour le bien de l'organisme. Parfois, nous prenons de dures décisions qui s'avèrent impopulaires mais nous devons les mettre en œuvre.

Il est facile de critiquer une décision alors qu'on ne comprend pas – ou qu'on ne veut pas comprendre – les facteurs l'ayant nécessitée. Le Conseil de direction devait procéder à une réaffectation des ressources dans son budget de 2018, histoire de faire bouger les priorités identifiées dans son plan opérationnel de 2018 et d'appuyer le plan stratégique du MAAC.

Nous vivons en une époque excitante au cours de laquelle notre organisme est soumis à des changements positifs et de la modernisation. Certes, nous en avons encore beaucoup à faire; retrouvons nos manches et travaillons ensemble afin de faire ce qui est prioritaire pour notre organisme. ✈

# PRESIDENT'S MESSAGE



**Peter Schaffer - 44429**  
Vice-President  
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## STAYING AHEAD OF THE CHANGES

MAAC's membership, Canadian culture, technology, and the hobby itself are all in rapid transition. What once was, is no longer the current reality. What our members are interested in today is not what it was five years ago, and probably not what it will be in five years' time. As Special Interest Groups wax and wane over time, they inevitably make way for new interest groups, like the Canadian Federation of Drone Racing, and often herald significant changes in our hobby, and in our lives. Organizations which cannot modernize wither and die. Nimble organizations which can more easily and quickly embrace change position themselves to thrive over the long term.

With this in mind, your MAAC Leadership Team continues to work hard to utilize digital technologies available in communications and day-to-day business transactions. From an organizational point of view, a big part of our forward-looking strategy now is to avoid sticking with how things have always been done and explore the changes necessary to keep us nimble and open to new trends, technologies and expectations.

We keep asking what should be done to keep MAAC relevant in the minds of our current and potential members. In short, we are not focusing on what we are doing, rather what we should be doing. For example, the utilization of the "Go to Meeting" online digital communication tool, has greatly reduced phone costs and greatly improved planning and execution by making it possible to eliminate the face-to-face executive meetings throughout the year as well as prior to the Board meeting at the AGM. This has reduced the actual Board meeting time at the AGM from multiple days down to one day, resulting in significant savings.

We realize that it is natural for people to question why a change is being made, as well as to resist change, from a variety of perspectives. The reality is that there are, and have been, many policies and procedures which MAAC has been

following that have become outdated and/or ineffective in today's reality. To remain effective, efficient, and relevant to the majority of our members, MAAC has been reviewing, updating, and creating policies and procedures as well as developing automated business infrastructure and tools. The goal is to make it far easier for members, clubs and our organization to exchange information and do business together any time the need arises. Our website has been reorganized and streamlined to provide a storehouse of information, available 24/7, with the Document Management System now fully functional.

Currently in development are processes for the MAAC Office to post the remaining corporate documents and for the Committees to post their own documents without delay.

## VOLUNTEERS MAKE MAAC WORK

Now, it should be a surprise to no one that volunteers are the life blood of our organisation and are the ones who make things happen, be it at the club, zone or national levels. Whether it is a club or zone executive or sitting on one of many of MAAC's committees or advisory groups, those folks really are volunteers who do that work because they know that it is important activity that needs to be done. Without them, we would have no hobby.

A prime example of the critical benefit of volunteers is the Transport Canada (TC) Advisory group. This group of volunteers has worked very hard establish the credible

and respected working relationship with TC that allows us to advocate for our hobby and to ensure we occupy a prominent supporting role with the Federal Government. This is crucial as the agency moves forward to update regulations that could have had a negative effect on our activities.

## MAKING THE RIGHT DECISIONS

As well, your MAAC Executive and Board of Directors work hard to manage the organisation, and within it, our members' financial resources in order to do what is right for the organization as a whole. On occasion, tough and sometimes unpopular decisions are arrived at and implemented.

It is easy for individuals to criticize a decision, when they do not understand – or want to understand – what the factors were that made a particular decision necessary. The Board had to do an internal reallocation of resources in the 2018 budget in order to move forward on priority items that were identified in the 2018 Annual Operating Plan and form supporting elements of the overall MAAC Strategic Plan.

It is an exciting time of positive change and modernization in our organization. There is much yet to do, so let's roll up our sleeves and work together, doing what is right for the organization as a whole. ✈

The image shows a screenshot of the Facebook page for the Association of Canada (@FlyMAAC). The page header includes the name "Association of Canada" and the handle "@FlyMAAC". Below the header, there are navigation tabs for Home, About, Services, Reviews, and Posts. The main content area shows a post with a photo of a model airplane in flight. Red circles and arrows highlight several interaction options: "Like", "Follow", "Share", "Write a Review", "Suggest Edits", "Create Page", and "Invite Friends". At the bottom of the screenshot, the text "facebook.com/FlyMAAC" is displayed, followed by the call to action "Like | Review | Invite". To the right of this text is the MAAC logo, which features a stylized red maple leaf with the letters "MAAC" inside it.

Keith Morison - 24909L

Editor

403.510.5689 | editor@modelaviationl.ca

Nous plançons en coulisses sur plusieurs changements majeurs. Au cours des prochains mois, vous pouvez vous attendre à apercevoir un nouveau look pour la page Web du MAAC, notre présence au sein des médias sociaux et plus particulièrement, chez Model Aviation Canada.

Tous ces efforts visent à rassembler la communauté du MAAC en rendant l'information plus facile à trouver, plus facile à partager et plus attrayante pour le nouveau – ou potentiel – membre.

Mon numéro d'adhésion au MAAC se trouve au milieu des 20 000, donc, il y a déjà un bail que je suis là. En fait, j'ai été membre jusqu'à maintenant pendant 70 % de ma vie... Je suis ce qu'on appelle un «lifer» (membre à vie) au sein de l'organisme. Au fil des années, j'ai tantôt été actif, tantôt moins, mais j'ai préservé mon adhésion la plupart du temps.

En plus du leadership qu'offre l'association, j'ai beaucoup songé à ce qu'est le MAAC et ce qu'il peut offrir. Les opinions sont nombreuses mais peu importe le ton employé, l'idée maîtresse qui s'en dégage, c'est le sens de la communauté.

À l'instar de plusieurs d'entre nous, je me suis lancé au sein de ce passe-temps en me disant que j'apprendrais la base tout seul... bien sûr que non. Ce n'était qu'une fois que je me suis joint à la communauté que j'ai appris de mes erreurs, comment faire les choses correctement et que j'ai entamé mon épanouissement à titre de modéliste. Des conseils de construction au pilotage de base en passant par mon dépassement personnel, tout cela a découlé d'être un membre d'un club et du MAAC.

## CÉLÉBRATION DU PASSE-TEMPS

L'un des projets sur lesquels je travaille, ce sera de redéfinir les lignes directrices du matériel que quelqu'un voudrait soumettre à ce magazine, de même que d'en créer de nouvelles pour du contenu de site web plus étendu et davantage d'implication grâce aux médias sociaux. Nous rechercherons

des profils de leaders locaux au sein de notre passe-temps, un portrait d'événements sensationnels à travers le pays, des articles de construction détaillés de projets incroyables en cours... tout ce qui capte l'essence même de ce que nous aimons dans nos activités de modélistes.

Nous rechercherons aussi du contenu typique d'une revue comme des conseils de construction de même que des bancs d'essai (critiques) de maquettes et de produits. Notre objectif : que Model Aviation Canada célèbre notre passe-temps et qu'il devienne un véhicule de promotion de nos activités.



## CHANGEMENTS AU SITE WEB

Histoire de créer de l'espace pour ce contenu, nous apportons présentement des changements au site Web du MAAC afin d'y héberger des chroniques de zone et d'autre contenu axé sur les petits groupes. Nous poursuivons le partage du meilleur de cette production dans les pages de la revue et le site Web mettra en vedette une partie du contenu que l'on retrouve dans la revue.

Le nouveau microsite des membres vise à rendre davantage d'information disponible et d'aider les membres et visiteurs à la trouver plus aisément. Nous utiliserons les plus récentes avancées technologiques du Web afin de rendre l'expérience agréable

sur toutes les plateformes – de l'ordinateur au téléphone intelligent – ce qui fera en sorte que le site sera incontournable pour quiconque veut savoir ce qui se passe au sein de notre passe-temps.

Nous nous concentrerons aussi à rendre l'expérience en ligne des visiteurs aussi engagée qu'informatrice. Bien que nous aurons du contenu bien chouette en ligne, il peut être difficile de le trouver et le portail peut être complexe qui vous ne savez pas ce que vous recherchez exactement.

## MÉDIAS SOCIAUX

L'une des autres initiatives à l'étude, c'est d'accroître la présence sur les médias sociaux, en particulier Facebook. Geoff Strotmann, Craig Ekstrand et moi-même nous sommes récemment rendus à un atelier sur les médias sociaux et la mise en marché numérique et nous travaillerons ensemble afin d'utiliser les médias sociaux de façon à générer de l'intérêt pour notre passe-temps, pour le MAAC et les clubs.

Moins de 10 % de nos membres ont cliqué «j'aime» sur la page Facebook du MAAC; nous avons manifestement beaucoup de travail devant nous. Nous ferons la promotion de ce que nous avons à offrir et vous constaterez que nous serons davantage présents.

## AIMEZ, FAITES UN ESSAI, INVITEZ

La première chose que chacun d'entre vous pouvez faire enfin d'augmenter notre empreinte sur les médias sociaux, c'est d'aimer et de partager notre page.

**Étape 1 :** consultez notre page au <https://www.facebook.com/FlyMAAC>;

**Étape 2 :** «aimez» notre page;

**Étape 3 :** rédigez un compte-rendu de banc d'essai (les anglophones l'appellent 'review'), soyez sincère, parlez du passe-temps et de la communauté, attribuez-nous cinq étoiles!

**Étape 4 :** invitez vos amis à en faire de même!  
C'est tout...

Chacune de ces étapes nous aideront à faire croître notre sens de communauté et augmentera notre présence sur les médias sociaux. ✨



# EDITOR'S COLUMN

**Keith Morison - 24909L**

Editor

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We're working on several major changes in the background. Over the next few months you can expect to start seeing a new look for MAAC's webpage, social media presence, and most importantly, Model Aviation Canada.

All of these efforts are aimed at bringing the community within MAAC together by making information easier to find, easier to share, and more attractive to the new -- or potential -- member.

With a membership number in the mid twenty thousands, I've been around MAAC for a few years. In fact, I've been a member for over 70% of my life... I'm what is considered a 'lifer' in the association. Through those years, I've come and gone from being active, but I've kept my membership through most of those years.

Along with the association's leadership, I've been thinking a lot about what MAAC is, and what it can offer. There are all sorts of opinions out there, but no matter the tone, the one idea that resonates through them all is a sense of community.

Like many, I started in the hobby figuring I could teach myself the basics... of course I couldn't. It wasn't until I joined the community that I learned my mistakes, was shown how to do things right, and started to grow as a modeller. From building tips to basic flight to pushing my personal limits, it all came from being a member of a club, and a member of MAAC.

## CELEBRATING THE HOBBY

One of the projects I am working on is revising the submission guidelines for this magazine, as well as creating new guidelines for expanded website content and social media involvement. We will be looking for features about local 'leaders' in the hobby, great events from across the country, detailed builds articles of the amazing projects out there... just about anything that captures the essence of what we enjoy about the hobby.

We're also going to be looking for more 'typical' magazine content like 'hints and tips' as well as model and product reviews. Our goal is to make Model Aviation Canada a true celebration of the hobby, and

something we can use to really promote what we do.

## WEBSITE CHANGES

To make space for this content, we are making changes to the MAAC website that will make it more of a home for zone columns and other content that is focused on specific groups. We'll continue to share the 'best of the best' in the magazine, and the website will also showcase some of the content found in the magazine.

The new 'member micro-site' will aim to make more information available, and easier to find, for both members and visitors to the site. We'll use the latest in web technology to make the experience easy on all platforms -- desktop to smart phone -- making the site the 'go-to' place to find out what's going on with the hobby.

We will also focus on making the new visitor's experience engaging and informative. While we have some great content on the site, finding it can be challenging and the home page can be confusing if you don't know what you are looking for.

## SOCIAL MEDIA

One of the other initiatives we are taking on is a more active presence on social media,

Facebook in particular. Geoff Strotmann, Craig Ekstrand, and myself recently attended a workshop on social media and digital marketing, and will work together to use social media to help grow awareness of the hobby, MAAC, and the clubs.

With fewer than 10% of our membership 'liking' the MAAC Facebook page, we clearly have a lot of work to do. We will be promoting the things we have to offer, and you'll see a more regular presence from us.

## LIKE, REVIEW, INVITE

The first thing each of you can do to help us grow our social media footprint is to like and share our page.

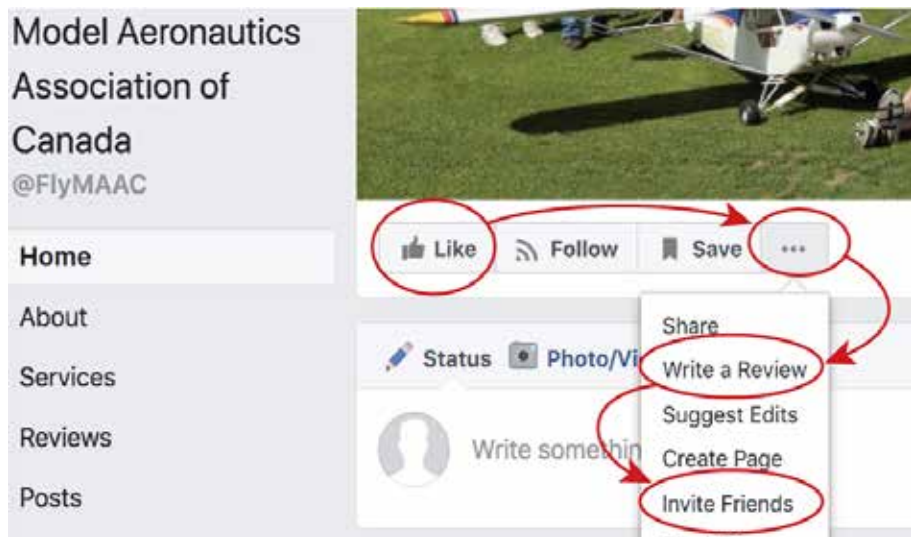
**Step 1:** Visit our page at <https://www.facebook.com/FlyMAAC>;

**Step 2:** 'Like' our page;

**Step 3:** Write a review, be sincere, talk about the hobby and the community, give us five stars!

**Step 4:** Invite your friends to do the same! That's it...

Each one of these steps helps us grow our sense of community and expand our social media presence. ✈



MAAC will be focusing on expanding our social media presence, so if you haven't already done so, visit us at [facebook.com/FlyMAAC](https://www.facebook.com/FlyMAAC) and 'Like, Review, and Invite.'

## ALBERTA (A)



**Roger Ganley - 6426**

Directeur de zone

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### PRIX DU MAAC

Le Conseil de direction du MAAC est en train d'effectuer une refonte de son programme de prix. Les cinq actuels ont été modifiés et un nouveau a été ajouté. Il s'appelle le Prix du membre de club MAAC/ bénévole/groupe ou organisme. Il vise à reconnaître un membre du MAAC qui, en gros, a participé ou se dévoue bénévolement uniquement au sein de son club.

La plupart d'entre nous connaissons un tel membre – ou quelques-uns – qui œuvre beaucoup à l'intérieur de son club pour des raisons bien personnelles et cette même personne ne participe pas aux événements des autres clubs. Je crois qu'il était grand temps que ce prix soit créé et le Conseil de direction y était très favorable.

### BULLETIN DE LA ZONE A

Plusieurs zones du MAAC offrent un bulletin mensuel distribué à tous les clubs de leur zone. Certains sont aussi envoyés aux directeurs de zone et ceux que j'ai vus sont vraiment bons!

Étant donné qu'un bulletin de club tient ses membres informés tout au long de l'année, un bulletin de zone est doté de la même mission, qu'il s'agisse de parler d'un Fun-fly, d'un concours, d'une réunion de club, d'une exposition statique ou autre chose.

Cette publication sera envoyée par courriel à tous les membres du MAAC de la zone A : Alberta, les Territoires du Nord-Ouest, le Nunavut.

Si vous voulez nous aider à créer le bulletin, faites-le moi savoir!



Ernie Reinhold and his 1/4 scale Beaver at the MOFFA Float Fly. / Ernie Reinhold et son Beaver à l'échelle 1/4 lors du Float-fly du Club MOFFA.

Photo by Roger Ganley

### PAGE FACEBOOK DE LA ZONE A

Plusieurs zones du MAAC possèdent aussi une page Facebook. Scott Crosby (assistant directeur de zone), du Fort Saskatchewan RC Flying Club, s'est porté volontaire afin d'en faire démarrer une.

Au moment où je vous écris, nous planifions en réserver la coordination au

directeur de zone, à son bras droit et aux adjoints de zone. Nous avons l'intention d'informer les membres de la zone A (Alberta, T.N.-O., Nunavut) des événements en préparation. Puisqu'il s'agit de Facebook, tous les adeptes de Facebook – et non seulement les membres du MAAC – pourront en lire les péripéties. ✨

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## ALBERTA (A)



Jean-Guy Denis, Len Boisvert and Gord Sanders with Len's turbine powered Northstar at the MOFFA Float Fly. / Jean-Guy Denis, Len Boisvert et Gord Sanders en compagnie du Northstar à turbine de Len, lors du Float-fly du Club MOFFA.

Photo by Roger Ganley



### Roger Ganley - 6426

Zone Director  
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### MAAC AWARDS PROGRAM

MAAC's Board of Directors is currently in the process of revamping the Awards Program. The five existing awards have been modified and/or amended plus a new award has been added. It is called the Outstanding MAAC Club Member/Volunteer/Group or Organization Award. This award is to recognize a MAAC member who has, for the most part, participated/volunteered within his own club only.

Most of us know of a club member(s) who has been very much involved within his/her club only and for reasons known only to them and who does not take part in the events of another club or clubs. I feel that this type of award is long overdue and it has received a very positive response from the BOD.

### ZONE "A" NEWSLETTER

A number of zones within MAAC have a monthly newsletter which is sent to all clubs within that respective zone. Some are forwarded to the Zone Directors and the



A 68-inch span B25 Mitchell on final approach at the LARCS flying field. Power by two O.S. 55s. / Un B-25 Mitchell (envergure de 68 pouces) en finale au terrain du Club LARCS. Motorisation : deux O.S. 55. Photo by Mario De Rocco.

ones I've seen are really good!

Just as a club newsletter keeps all members of that club informed as to the "goings on" throughout the year, a zone newsletter accomplishes the same in that it keeps all members up to date on what is occurring in the zone, be it a Fun Fly, a contest, a club meeting, a static display, etc.

It will be e-mailed to all MAAC members in "A" Zone: Alberta, the Northwest Territories, Nunavut.

If you are interested in helping us put the newsletter together, let me know!

### ZONE "A" FACEBOOK PAGE

A number of zones within MAAC also have a Facebook page. AZD (Assistant

Zone Director) Scott Crosby from the Fort Saskatchewan RC Flying Club has volunteered to start an "A" Zone Facebook page.

At this time, it is planned to have the ZD, DZD and the four AZDs act as administrators of the page. The intention is to keep the MAAC membership in "A" Zone informed as to the events taking place in Alberta, NWT and Nunavut. Because it is Facebook, it can also be viewed by not just the MAAC membership as a whole, but the entire Facebook readership. ✈

## ATLANTIQUE (B)



**Cato Hansen - 61451**  
Directeur de zone  
zd-b@maac.ca

Cette chronique est de plus en plus difficile à rédiger puisque notre bulletin mensuel de la zone parle de nos activités. Cela dit, environ 25 membres de la zone ne se trouvent pas sur la liste d'envoi du MAAC pour une quelconque raison et ils ne reçoivent pas le bulletin. Si vous lisez ceci et que vous aimeriez le recevoir, envoyez-moi un courriel et je classerai votre adresse courriel séparément pour que je sois le seul à y avoir accès.

### NOUVELLES DE LA ZONE

Je viens de me procurer un kit de la part d'Anthony Whatton qui exploite un petit commerce dans la vallée de l'Annapolis (en Nouvelle-Écosse). Il fabrique les kits grâce à de la mousse HEPP (Hybrid Expanded Polypropylene) de 1,9 livre de densité. Cette matière se fait appeler le superfoam et elle est presque indestructible!

Anthony est aussi un membre du MAAC. Vérifiez son site Web et ses vidéos au : <http://www.tbrcwings.com>.

La maquette TBRC Apex V2 que j'ai achetée est conçue afin d'utiliser des moteurs, hélices et contrôleurs de vitesse de quadricoptères, ce qui donne une plateforme très peu dispendieuse pour qu'elle prenne la voie des airs. Le kit vous offre : les noyaux d'ailes, des longerons de fibre de carbone, des ailettes de Coroplast, des élévons en balsa, une écrouille d'équipement en Coroplast, de la matière laminée SuperStick de 3 mm, un support moteur découpé au laser, une plaque de montage du moteur, des guignols (control horns) et des décalques.

Anthony fournit aussi une version améliorée dotée d'un support moteur en 3D superbe et des rasoirs d'ailes.



*The gang gathers in Jim's shed, Wednesday night. / La bande s'assemble dans la remise de Jim, le mercredi soir.*

J'ai utilisé du Monocote sur le dessus afin de l'enjoliver. Ce recouvrement s'applique bien et vous pouvez utiliser un pistolet thermique (heat gun) mais attention à la mousse en dessous... ne me demandez pourquoi je le sais. N'utilisez pas de la tringlerie de Park Flyer que vous auriez à portée de main; ayez recours à des tiges poussoirs de métal parce que cette maquette peut atteindre la vitesse de 100 km/h... Vous ne voulez pas que quelque chose flanche.

Voici le montage que recommande Anthony :

#### **Installation pour maquettes plus lentes de parc et de loisirs :**

Moteur : 1806 2300kv.  
Batterie : 1300mah 3s.  
Servos : 5 grammes, engrenage de métal  
Contrôleur de vitesse : 12 ampères  
Hélice : 5x4.5.

#### **Installation pour maquettes sportives/de course :**

(non recommandé pour les débutants)  
Moteur : 2205 2300kv.  
Batterie : 1300mah 4s.  
Servos : 9 grammes, engrenage de métal  
Contrôleur de vitesse : 30 ampères  
Hélice : tripale 5045

### SOIRÉES À LA REMISE

Ici au sein de notre club de Saint-Jean, nous nous rendons tous les mercredis à la soirée à la remise de Jim. C'est le moment propice pour socialiser et raconter des histoires – vraies ou non – et quel meilleur endroit à choisir, surtout si vous avez une question pour le Vieux gourou de l'électrique.

Je dois admettre que cette motorisation électrique me mélange parfois. Jim vient alors à la rescousse pour que je sache comment utiliser le wattmètre. ✨

## ATLANTIC (B)



**Cato Hansen - 61451**

Zone Director  
zd-b@maac.ca

This column is getting harder and harder to write as all of our activities are in our monthly Zone Newsletter. In saying that, there are about 25 members who are not on the MAAC e-mail list, for whatever reason, and they are not getting the Newsletter. So if you are reading this and would like me to send it to you, e-mail me and I'll put your e-mail in a separate place that only I have access to.

### ZONE NEWS

I just bought a racing wing kit from Anthony Whotton, who has a little cottage industry down in the Annapolis Valley, Nova Scotia. He makes the kits to sell using 1.9# HEPP (Hybrid Expanded Polypropylene). This stuff has come to be known as #superfoam and it's almost indestructible!

Anthony is also a MAAC member, so check out his website and his videos at: <https://www.tbrcwings.com>.

The TBRC Apex V2 that I bought is designed to use mini-quad motors, props and ESCs, making it a very inexpensive platform to get you in the air. The kit comes supplied with the wing cores, carbon fiber spars, Coroplast winglets, balsa elevons, Coroplast equipment bay hatch, 3mm SuperStick laminate, laser-cut motor mount, motor adaptor plate, control horns and a decal set.

Anthony also supplied an upgraded version with some awesome 3D printed motor mount and wing razors.

I did use Monocote on the top part to make it a little prettier. It irons down pretty well and you can use the heat gun, but be careful of the plastic foam underneath... don't ask how I know. Don't use any of the park flyer linkage that you have laying around; use solid steel rods as this thing can



go 100 km/hour and you don't want things to go wrong.

Here is the set-up that Anthony recommends:

#### **Park/Funfly set-up:**

Motor: 1806 2300kv.  
Battery: 1300mah 3s.  
Servos: 5g metal gear.  
ESC: 12 amps  
Propeller: 5x4.5.

#### **Sport/Race set-up** (not recommended for beginners)

Motor: 2205 2300kv.  
Battery: 1300mah 4s.  
Servo: 9g metal gear.  
ESC: 30 amps  
Propeller: 5045 tri-blade.

### SHED NIGHT

Here, in our Saint John Club, we go every Wednesday evening to 'Jim's shed' for Shed Night. It is a time for socializing and telling stories -- true or not -- and what better place to go when you have a question for the Old Electric Guru.

I have to admit that this electric stuff gets me confused sometimes, so Jim to the rescue for setting up and understand using the wattmeter. ✨

# COLOMBIE-BRITANNIQUE ET YUKON (C)



**Roly Worsfold - 50286**  
Directeur de zone  
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J'espère que les projets hivernaux de tout le monde vont bon train et que vous procéderez au vol d'essai bientôt.

Je recherche toujours un éditeur du bulletin de la zone C afin de parler des activités de la Colombie-Britannique et du Yukon. Il s'agirait de rassembler de l'information qu'envoient les clubs sur des événements ayant eu lieu et afin de faire la promotion des prochains.

Je peux offrir un gabarit (template) grâce auquel on peut rattacher des textes. Communiquez avec moi si cela vous intéresse. D'autres zones en font de même et c'est très populaire!

Le MAAC poursuit sa défense de vos droits de piloter des maquettes; nous devons nous assurer que nous observons les lignes directrices de sécurité du MAAC et de Transports Canada afin de minimiser les risques d'accidents potentiels impliquant des maquettes télécommandées.

Si notre communauté ne s'autoréglemente pas, nous pourrions nous buter à de la réglementation supplémentaire que nous n'aurions pas le choix d'observer.

Le Comité MAAC-Transports Canada poursuit son travail afin de maintenir nos privilèges de pilotage, malgré les nouveaux règlements.

## CONSEILS DE SÉCURITÉ

Nous recommandons fortement aux clubs que chaque terrain de vol possède ses coordonnées de GPS et que celles-ci soient affichées en un lieu visible – près de vos règlements de terrain, par exemple – de sorte à ce que les secouristes obtiennent sans tarder ces coordonnées de la part de quiconque loge un appel.

Les terrains devraient aussi posséder des exemplaires de documents d'assurance en un lieu facilement accessible. On retrouve ces documents sous la section « insurance documents » du site Web du MAAC (<https://www.maac.ca/en/documents.php>).

*Procédures après un incident* – C'est un guide sur ce qu'on doit faire après un accident au terrain de vol et comment vous assurer de récolter tous les renseignements pertinents. Nous recommandons à tous les



*This sculpture of some youngsters retrieving a model airplane from a tree, at the Jackalope Ranch near Palm Springs, California, will speak to many modelers. / Cette sculpture reproduisant des jeunes qui récupèrent une maquette d'un arbre (au Jackalope Ranch, près de Palm Springs, Californie) a de quoi rappeler bien des souvenirs aux modélistes.*

*Photo by Kerr Clark*

membres du club de réviser cette procédure et de l'avoir à portée de main au terrain de vol.

*Rapport d'incident pour l'exécutif* – C'est le formulaire que devra compléter le club au moment de rapporter un incident au siège du MAAC.

*Rapport d'incident* – C'est un formulaire que les membres impliqués dans un incident doivent compléter et envoyer au siège du MAAC.

*Rapport d'incident (pour témoins)* – C'est le formulaire qui vise à récolter l'information de la part des témoins et qui sera envoyé au siège du MAAC.

Ce serait une bonne idée de se doter d'une planchette à pince dotée d'un espace de rangement afin d'y renfermer quelques formulaires et des stylos. Remisez cette planchette en compagnie de votre trousse de premiers soins et le tout vous sera pratique lorsque vous en aurez besoin.

Promotion de votre club et du MAAC

Si vous voulez faire la promotion des activités de votre club, voici des idées qui vous aideront à recruter de nouveaux membres :

Encouragez vos membres à se montrer amicaux envers les visiteurs qui se présentent à vos réunions ou au terrain de vol.

Annoncez les événements de club par le biais des médias, de stations radio et des journaux – les événements de nature communautaire sont habituellement gratuits.

Préparez des formulaires d'inscription lors des événements et des expositions de centres commerciaux; vous pourrez ainsi récolter les adresses courriels des intéressés et leur offrir des séances d'introduction au pilotage.

Postez des renseignements de club au terrain et sur des cartes professionnelles que vous pourrez distribuer.

Événements à venir en C.-B. et au Yukon

Si vous n'êtes jamais allé à un Float-fly ou à un rassemblement de jets, c'est très divertissant et c'est une bonne façon de rencontrer des modélistes.

Vous pouvez consulter les événements à venir à l'arrière de cette revue ou au [https://www.maac.ca/en/events\\_by\\_zone.php?zone\\_code=C](https://www.maac.ca/en/events_by_zone.php?zone_code=C). ✈

## BRITISH COLUMBIA AND YUKON (C)



Jack Lake – Grindrod Air Force, left, and Dave Collis – Maple Ridge, at the 2017 High Country Big Bird event. // Jack Lake – Grindrod Air Force (à g.) et Dave Collis – Maple Ridge, lors du rassemblement High Country Big Bird en 2017.



### Roly Worsfold - 50286

Zone Director

250.374.4405 | zd-c@maac.ca

I hope everyone's winter projects are on schedule for the planned 'test flights' coming up soon.

I am still looking for a Zone C Newsletter editor to help put together a small newsletter about B.C.-Yukon activities. The role would be to put together information sent in by clubs on their past events and to promote future events.

I can provide a template where items can be cut and pasted into it. Contact me if you are interested. Other Zones are doing this and it is very popular!

MAAC continues to advocate for your right to fly; we need to ensure we are following MAAC Safety and Transport Canada guidelines to minimize potential incidents involving model aircraft.

If our community does not help regulate itself, we could soon face additional laws and regulations to follow.

MAAC's Transport Canada Committee continues to work with us to ensure our current RC flying privileges are maintained in the light of forthcoming new regulations.

### SAFETY NOTES

It is strongly recommended that each flying site has the GPS coordinates posted in a visible place, such as beside your site rules, so first responders can be informed of the location and get to the site without delay.

Fields should also have copies of the following Insurance documents readily available on site. They can be found in the 'insurance documents' section of the MAAC website. (<https://www.maac.ca/en/documents.php>).

*Procedures after an Incident* - This is a quick guide to what should be done after an accident at the field and how you can make sure all of the right information is collected. It is recommended that all club members take the time to review this procedure and have it available at the flying site.

*Club Executive Incident Report* - It is the form that the club will need to fill out when reporting any incident to MAAC head office.

*Incident Report* - It is a form that the members involved in an incident to fill out and send to the office.

*Witness Incident Report* - It is the form used to collect the information from witnesses to be sent to the MAAC office.

It would be a good idea to pick up a clipboard with storage space to hold a few of each of the forms and some pens. Tuck this

clipboard away with your field's first aid kit and it'll be handy when you need it

### PROMOTING YOUR CLUB AND MAAC

If you want to promote your club's activities, here are some ideas that work very well for reaching out for new members;

- Encourage club members to be friendly and reach out to meet field/meeting visitors.
- Advertise club events through media, radio stations and newspapers -- community event advertising which are usually free.
- Have a club interest sign-up sheet at events and mall shows where e-mail contact information can be used to provide introductory training sessions.
- Post club contact information at the field and on business cards you can use for handouts.

### B.C. – YUKON UPCOMING EVENTS

If you haven't been to a Float Fly or Jet event, it's good entertainment and a reason to meet flying friends.

You can check out the coming events in the back of this magazine or at [https://www.maac.ca/en/events\\_by\\_zone.php?zone\\_code=C](https://www.maac.ca/en/events_by_zone.php?zone_code=C). ✈

# CÔTIÈRE DE LA COLOMBIE-BRITANNIQUE (H)



**Bill Rollins - 27460L**  
Directeur de zone  
250-248-5545 | zd-h@maac.ca

**FUN FLY  
ASSEMBLÉE DE  
ZONE ET FUN-  
FLY DES CUBS ET  
COUSINS**

L'Assemblée annuelle de la zone H en 2018 aura lieu cette année le samedi 25 août à 15 h. Le lieu : le terrain de la ill be held this year on Saturday, August 25 at 3:00 p.m. The location is at the Parksville District Qualicum Flyers Association (PDQFLYERS) à Nanoose Bay (Colombie-Britannique).

La réunion se fera conjointement avec le tout premier rassemblement annuel Fun-fly des Cubs et cousins. Ce dernier débutera à 10 h et se poursuivra jusqu'à 15 h. L'assemblée, elle, débutera à 15 h et si tout se déroule comme prévu, elle se terminera vers 16 h ou 16h30. Les vols se poursuivront jusqu'au crépuscule – tout type d'aéronef sera autorisé – après l'assemblée proprement dite.

Le dîner et le souper seront fournis gratuitement aux participants du Fun-fly, de l'Assemblée annuelle ou les deux événements.

Les règlements du Fun-fly sont les suivants. Bienvenue aux Piper Cubs et à leurs dérivés et cousins dont la mission était la même. Ils doivent être des maquettes à motorisation unique, à ailes hautes, des monoplans à cabine avec train d'atterrissage escamotable. Il peut s'agir de copies volantes, de semi-copies, de copies approximatives ou de presque copies, etc.

Vous pouvez lire des détails supplémentaires et les coordonnées au site Web du MAAC (sous la rubrique des événements de la zone H). Nous espérons que ce rassemblement deviendra annuel à notre club et nous espérons que tout le monde s'y rendra afin de goûter à l'hospitalité et à la camaraderie du Club!

## VENTE-ÉCHANGE AU HALL SULLIVAN

La vente-échange (swap meet) de la zone H sur le continent aura lieu au hall Sullivan de Surrey, le dimanche 28 octobre 2018. Bienvenue à tout le monde!

Il n'y a pas de frais à l'entrée ou pour les tables, mais je demande aux modélistes un peu d'aide afin de disposer et de remiser les tables (et d'aider à faire le ménage). Autres détails disponibles au site Web du MAAC sous «événements» et dans les pages de Model Aviation Canada.

## BESOIN D'UN COUP DE MAIN

J'ai toujours eu du mal à digérer les gens qui offrent d'occuper des postes sans intention véritable. L'année dernière, on m'a réélu au

poste de directeur de zone pour un mandat de deux ans. À l'époque, j'avais bel et bien l'intention de m'acquitter de ces tâches mais malheureusement, je me retrouve avec moins de temps à offrir.

Ma femme Dorothy et moi sommes en train de construire une nouvelle maison au cours des prochaines années, si bien que mes obligations familiales et financières ne peuvent passer en second lieu.

Notre assistant directeur de zone Hartley Hughson ne peut prendre la relève en ce moment puisque sa femme et lui ont pris leur retraite et qu'ils voyagent présentement à travers le continent.

Je me suis organisé pour coordonner la vente-échange annuelle au hall Sullivan à Surrey ainsi que l'assemblée de la zone, le 25 août à Nanoose. Je me rendrai à l'Assemblée générale annuelle du MAAC à Niagara Falls, fin mai, et j'y représenterai les membres du mieux possible lors des réunions virtuelles du Conseil de direction du MAAC.

J'apprécierais énormément un coup de main de la part de membres du MAAC qui voudraient s'acquitter de certaines tâches à la direction adjointe de la zone cet automne et voir aux tâches d'adjoints de zone, au besoin.

Mon intention, c'est de poursuivre à titre de directeur de zone – mais en moins intense – pour un certain moment, si je peux obtenir de l'aide. Veuillez communiquer avec moi si vous voulez contribuer à votre façon au MAAC et si vous avez des suggestions. ✈

*Celebrating 25 YEARS of flying enjoyment*



## Spring Fun Fly

The Kamloops Model Airplane Society will be hosting its annual May Spring Fun Fly

**May 25 - May 27, 2018**

Start Time 9:00 AM each day. Pilot meeting 10:00 AM each day.

Come and join us for a weekend of flying on our paved and grass runways and then continue on to the Grinrod Air Force Spring Float Fly at Sandy Point Campground in Salmon Arm, BC.

Dry camping is available, please contact Rob or Christine at 250-554-6912 to reserve a spot or send an email to [rcdover@shaw.ca](mailto:rcdover@shaw.ca)

Free Swap Meet on Saturday. Contact Greg at [gshneidr@gmail.com](mailto:gshneidr@gmail.com)

Lunch concession available Saturday and Sunday. Friday night hangar party, Saturday night dinner and Pancake breakfast Sunday.

**Draw to win a Timber**

**DOOR PRIZES!**



For more info on our club or the event, visit [www.kmasrc.ca](http://www.kmasrc.ca) or our Facebook page.

**Hope to see you there!**

## Advertise in

### Model Aviation Canada

*Get your message out to 11,000+ members!*

Advertising is available for as low as \$125 per issue.

Full Page ads start from only \$700!

For more information contact:

**Keith Morison 403.510.5689**

or [editor@ModelAviation.ca](mailto:editor@ModelAviation.ca)



# BRITISH COLUMBIA COASTAL (H)



**Bill Rollins - 27460L**  
Zone Director  
250-248-5545 | zd-h@maac.ca

## 2018 ANNUAL ZONE MEETING AND CUB AND COUSINS FUN FLY

The 2018 BC Zone "H" Annual Zone Meeting (AZM) will be held this year on Saturday, August 25 at 3:00 p.m. The location is at the Parksville District Qualicum Flyers Association (PDQFLYERS) field in Nanoose Bay B.C.

The meeting will be held in conjunction with the PDQFLYERS First Ever "Annual Cub and Cousins Fun Fly." The Fun Fly will start at 10:00 a.m. and run until 3 p.m. The AZM will start at 3 p.m. sharp and with any luck, it be over by 4:00-4:30 p.m. There will be open flying until dusk for any type of model aircraft after the meeting.

Lunch and dinner will be provided free of charge for everyone attending the Fun Fly, AZM or both.

The 'rules' for the Fun Fly are: All Piper Cubs and their variants, all cousins that served similar purposes as Cubs and their variants are welcome to the Fun Fly. They must be single engine/motor, high wing, cabin monoplanes with fixed landing gear. They can be scale, semi-scale, fun scale, sorta scale, could be scale etc.

Further details and contact information can be found on the MAAC website under Zone "H" Events. We hope that this "Cub and Cousins Fun Fly" will become an annual event for our club and welcome everyone to come on out and enjoy our club's hospitality and camaraderie!

## LOWER MAINLAND ZONE ANNUAL SWAP MEET SULLIVAN HALL

The MAAC Lower Mainland Zone H Swap Meet will be held at the Sullivan Hall in Surrey on Sunday, October 28, 2018. Everyone welcome!

There is no cost for entry or tables other than my request for help setting up and cleanup afterwards. Further details will be on the MAAC Website under events and in Model Aviation Canada.

## REQUEST FOR ASSISTANCE

I have always had a problem with people who volunteer for positions with no intention of fulfilling their committed



MAAC "Hall of Fame" member Ivan Pettigrew and one of his awesome electric flying boats, The LakeMaster II. Picture was taken at the Chilliwack Electric Flyers (CEF) flying site. / Ivan Pettigrew, un membre du Temple de la renommée du MAAC en compagnie de l'un de ses magnifiques hydravions, le LakeMaster II. Photo croquée au terrain des Chilliwack Electric Flyers (CEF)

obligations. Last year, I was re-elected as your Zone Director for another two-year term. At that time, I had every intention of fulfilling these commitments but, unfortunately, I have now put myself into a position with much less available time.

My wife Dorothy and I will be building a new home over the next few years so I have both family and financial obligations that cannot take a back seat to my volunteer activities.

Our Deputy Zone Director Hartley Hughson cannot take over my position at this time because he and his wife have retired and are currently traveling the continent.

I have organized the Annual Zone Swap Meet at Sullivan Hall in Surrey on October 28 and the required Zone "H" Annual Zone

Meeting on Aug 25 in Nanoose. I will attend the Annual General Meeting for MAAC in Niagara Falls at the end of April and will represent our zone membership at online Board Of Directors meetings as much as possible.

I would sure appreciate it if some dedicated MAAC members would come forward and take over the Deputy Zone Director (DZD) position this fall and help fill some Assistant Zone Director (AZD) duties and who could be called upon to assist when needed throughout the zone.

My intentions are to continue as your ZD but in a much less active capacity for a while if I can get some help. Please contact me if you if you would like to give back to MAAC or have other suggestions. ✈

# Gimli Model Fest Presents R/C EXPO

Treat Yourself to an R/C Vacation in 2018  
August 17-19, 2018 at the IRCMC R/C Field in Gimli.

**Pilot Fee: \$20.00**

(includes Saturday night dinner)

**Dry camping - Lots of Space for RVs  
Flying Sunrise to Dark - Campfires Every Night**

**Monday to Wednesday:** Flyers are welcome to come early and fly at the field.

**Thursday:** Open flying. Tent and additional fencing set up during the day.

**Friday:** First day of Gimli Model Fest, open flying, 8:00am to dusk! Campfire and hangar flying well into the night!

**Saturday & Sunday:** Open flying, 8:00am to dusk, campfire and hangar flying well into the night!

No formal airshow, but time will be carved out for your demonstration flights along with an announcer on site to give the play by play

**Kiwanis Food Booth**

on Site Saturday & Sunday

**Spectator Admisson \$5/day**

Children 12 & Under are Free



**GimliModelFest.com**



**WesternTurbo**  
A Fuel Injection Ltd.



## MANITOBA NORTHWESTERN ONTARIO (D)



**Peter Schaffer - 44429**

Zone Director

807.468.7507 | zd-d@maac.ca

Life can be full of many pleasant surprises.

I was recently looking at an old friend's photo album, when I came across a thin light green cardboard, membership card, for the Model Aircraft League of Manitoba. I could not ask him about its history, because unfortunately, my friend is no longer with us.

Here is what I discovered when checking with Mr. GOOGLE. It turned out to be a blast from the past. I found a reference to the organization in a 1930 edition of a Winnipeg newspaper. What I really found interesting was the following newspaper article and advertisement in the Winnipeg Free Press, dated Thursday Sept 15, 1938. One should note that the advertisement had many local supporters – only a few of them had anything to do with aviation.

*Jimmie Allen Model Aircraft Meet*

*Sponsored by the Model Aircraft League of Manitoba, Will commence 2 P.M. - Saturday September 17th, River Park (West Side of Car Lines)*

*Contestants must be present to weigh in planes half an hour in advance of the event.*

*Note - to parents and friends of Jimmie Allen Cadets.*

*This model aircraft meet is a development*

*resulting from a compelling and interesting Radio Serial.*

*It was primarily designed to educate the young people of Canada in the basic principals of up-to-date aeronautics, culminating in the building of airworthy model airplanes.*

*The Jimmie Allen model aeroplane, when assembled, has a wing span of approximately 25 inches and weighs little more than one ounce. It is rubber propelled and under favourable conditions the plane has a flying range of up to one quarter mile, which takes one to one and a half minutes to make the flight.*

*So, we say, best of luck to those boys and girls who show such enthusiast interest in the principles of Canada's most modern development, National and Commercial, aviation.*

*From the article in the newspaper  
Headline – Baby Wings – Many events to feature Model Airplane Meet*

*Tiny airplanes and often no quite so tiny will glide thru the air with the greatest of ease, Saturday afternoon, when the Jimmie Allen Model Aircraft Meet, sponsored by the Model Aircraft League of Manitoba will be staged at River Park*

*Promptly at 2 pm, Ald. Fred G. Thompson, acting Mayor in the absence of Mayor John Queen, will open the proceedings by launching the first model plane.*

*Entries are numerous, for there are classes*

*for juveniles, novices, juniors, seniors, adults, and even for girls, while the winner, which will be decided at 4:30 pm, will carry away a handsome silver trophy, and the runner up a gold watch.*

*Officials and contestant will gather at the field at 1:30 pm. in order to be in their places before the huge crowd of spectators, expected to be present, arrive.*

What I find interesting was that people were building kits in 1930, or possibly earlier. What I am wondering about, was there similar types of organizations in the other provinces in the 1930s?

I recently heard that while MALM doesn't exist anymore, its spirit does live on in the MAAC Men club, Winnipeg's group of glider guiders, who are a direct descendant of the Model Aircraft League of Manitoba. The unusual name of the club has a bit more resonance now that we understand they were formed when the 'men' of MALM made the move over to the new national association... MAAC.

Please send me a message if you have any further info. People have been participating in model aviation for a long, long time.

Here is a nice link for more information about the Jimmie Allen models [http://www.antiqairfield.com/flyins/2013/jimmie\\_allen\\_model\\_airplanes.html](http://www.antiqairfield.com/flyins/2013/jimmie_allen_model_airplanes.html). ✨

## MANITOBA NORD-OUEST DE L'ONTARIO (D)



**Peter Schaffer - 44429**

Directeur de zone

807.468.7507 | zd-d@maac.ca

La vie nous réserve sans cesse des surprises.

Récemment, j'examinais l'album photo d'un vieil ami lorsque j'ai aperçu un petit carton vert – une carte d'adhésion – de la Model Aircraft League of Manitoba. Je ne pouvais lui demander l'historique de cet organisme puisque, malheureusement, cet ami n'est plus parmi nous.

Voici ce que j'ai découvert en consultant Google. C'était un véritable retour dans le passé. J'y ai trouvé une référence à l'organisme dans un article de journal datant

de 1930. Ce que je trouvais intéressant, c'était cette annonce du Winnipeg Free Press, datée du 15 septembre 1938. Autre fait à noter : la quantité appréciable de commanditaires même si bien peu d'entre eux avaient rapport à l'aviation.

*Le rassemblement de maquettes Jimmie Allen*

*Commandité par la Model Aircraft League of Manitoba, débutera à 14 h le samedi 17 septembre au parc River (côté ouest de Car Lines).*

*Les concurrents devront se présenter une demi-heure au préalable afin de faire peser leur maquette respective. Note aux parents et amis des Cadets Jimmie Allen : ce rassemblement de maquette est né d'une série radio aussi envoûtante qu'intéressante.*

*Celui-ci est conçu afin d'éduquer les jeunes gens du Canada quant aux principes de base et à jour de l'aéronautique, ce qui culmine en la construction d'avions miniatures capables de prendre la voie des airs.*

*La maquette de type Jimmie Allen, une fois assemblée, possède une envergure d'environ 25 pouces et pèse à peine plus d'une once. Elle est mûe par une hélice à propulsion élastique et sous des conditions favorables, cet avion peut parcourir jusqu'à un quart de mille en l'espace d'environ une minute et demie.*

*Nous souhaitons bonne chance aux garçons et filles qui font preuve d'autant d'enthousiasme envers les principes du plus moderne développement au Canada – national et commercial – de l'aviation.*

*suite à la page 91*

# VALLÉE DE L'OUTAOUAIS (G)



**Geoff Strotmann - 35223**  
Directeur de zone  
613-799-7414 | zd-g@maac.ca

Bonjour à mes collègues de la zone G!  
J'espère que l'hiver nous quittera finalement – après plusieurs fausses sorties – cette année. Bien que mon horaire m'ait permis de sortir plus souvent pour me rendre à davantage de soirées de vol intérieur cette année, j'ai hâte (mes élèves-pilotes aussi) de sortir à l'extérieur et de profiter de nos terrains de vol et de nos étangs!

Je suis fier de confirmer que notre zone compte déjà plusieurs activités au calendrier en prévision de la prochaine saison; je vous encourage à jeter un coup d'œil à notre site Web encore plus convivial et de planifier vos sorties au cours des trois prochaines saisons.

Pendant que vous y êtes, veuillez aussi sérieusement considérer le Fun-fly de la zone G, qui se déroulera pendant la grande fin de semaine du mois d'août. D'autres détails suivront.

## RÉUNION DES PRÉSIDENTS

Le 18 mars, j'ai invité les présidents des clubs de la zone G à se rencontrer afin de discuter et de décider des sujets en prévision de l'Assemblée générale du MAAC. Nous avons aussi poursuivi la planification entamée l'automne dernier. La rencontre a été extrêmement productive et je me suis engagé à travailler avec ardeur – en compagnie de mon équipe agrandie de gestion – afin de positionner notre zone à titre de leader au sein du mouvement MAAC.

Après avoir fourni l'effort nécessaire, voici trois initiatives qui serviront à appuyer cet objectif :

## LE FUN-FLY DE LA ZONE G

Cet événement par excellence sera présenté au cours de la traditionnelle grande fin de semaine d'août (les 5 et 6) au terrain de l'Arnprior Radio Control Club. Nous notons des changements dignes de mention en ce que six clubs locaux coopéreront afin d'améliorer la qualité et l'ampleur du rassemblement :

- Terrain et installations – Arnprior Radio Control Club, (ARCC)
- Nourriture – Ottawa Remote

- Control Club (ORCC)
- inscription - Rideau Valley Modelers (RVM)
- Opérations sur la ligne de vol – Cornwall Aero Modellers
- Opérations de multirotors et événements connexes - Ottawa FPV Riders
- Publicité et prix - Stetson Flyers

En plus des activités habituelles de maquettes à voilure fixe, nous présenterons des événements de multirotors. Je vous recommande fortement d'y assister afin de montrer votre intérêt et votre appréciation à ces clubs, compte tenu de l'effort et de la coordination dont ils feront preuve.

## SOUMISSION DES CORNWALL AERO MODELERS AFIN D'ACCUEILLIR L'AGA DU MAAC EN 2020 :

Le représentant du Club Roger Bélanger se rend à l'AGA de cette année à Niagara afin d'y présenter un plan et un budget et de proposer le Centre NAV de Cornwall en guise de lieu de rencontre.

S'inspirant du modèle de collaboration en matière d'événement de la zone G, Roger a réussi à obtenir l'appui de sept clubs locaux qui prendront part à l'événement afin, espère-t-on, d'établir une nouvelle norme en matière d'excellence et d'économie de moyens :

- Publicité à l'échelle locale :  
Arnprior Radio Control Club  
Ottawa Remote Control Club  
Rideau Valley Modelers  
Kingston Radio Control Modellers  
Les Ailerons  
Brockville Model Airplane Club,
- Plan de transport et exécution :  
Stetson Flyers – le plan  
Cornwall Aero Modellers – l'exécution

## MISE AU POINT D'UN MODÈLE DE DÉVELOPPEMENT (TEST BÉTA ET LANCEMENT) D'UN CLUB LEADER :

Chapeau à Mike Anderson d'avoir eu l'idée d'emprunter un concept de nos amis américains chez l'AMA et d'adopter une version canadienne qui cadre très bien avec la mission et les valeurs du MAAC de même qu'avec tant nos plans stratégique et opérationnel. Le modèle de club Leader encourage l'excellence chez les clubs en organisant et en s'autogérant (notamment,

sur le plan opérationnel) en insistant sur quelques objectifs :

Sous le modèle proposé, les clubs Leaders :

Se font connaître de la communauté qui ne s'adonne pas à notre passe-temps;

Ont une feuille de route exemplaire en matière de sécurité;

Sont de bons voisins;

Accueillent tous les membres en règle du MAAC;

Offrent activement un programme de formation des élèves-pilotes.

Mike a présenté ce concept lors de notre récente réunion des présidents (de club) et tous l'ont accepté. Ce dernier l'a ensuite présenté au Conseil de direction du MAAC et l'appui a été unanime (tant le concept que le plan de développement); les autres zones se sont montrées intéressées à participer à la portion du test beta.

Notre plan de développement est simple. Sous la gouverne de Mike, ce concept sera davantage mis au point et présenté à l'Assemblée générale de la zone (en fin d'année), après quoi l'équipe de direction de la zone G lancera l'étape beta (de test) au sein de la zone.

Une fois le concept et le modèle terminés, le Conseil de direction aura droit à un suivi, histoire d'appliquer ce processus de façon permanente à l'échelle nationale. ✨

### Ottawa Valley (G) *from page 19*

Mike presented this concept at our recent Presidents' meeting and it was readily accepted. Mike then presented to the Board of Directors and received unanimous support for the concept, and the development plan, with other zones expressing avid interest in participating in the planned beta testing.

Our development plan is straightforward. Under Mike's leadership, this concept will be developed and presented at this year's AZM, after which your Zone G Leadership team will launch the beta-test in our Zone.

Once the concept and model is completed, a follow-on presentation will be made to the MAAC Board with a view toward making this initiative a permanent MAAC process nationally. ✨



**Geoff Strotmann - 35223**  
Zone Director  
613-799-7414 | zd-g@maac.ca

Hello to my fellow Zone G members!

I sincerely hope that winter is on its way out, finally, after too many curtain calls this year. Although my schedule allowed me to enjoy more indoor flying than ever this year, I am eager (and so are my students) to get out and enjoy our local fields and ponds for another year!

I'm proud to confirm that our zone has many activities scheduled for the coming season; I encourage you all to view the upgraded and very user-friendly MAAC website to plan your spring, summer and fall flying itineraries.

While you're doing that, please seriously consider the Zone G Fun Fly set for the August long weekend. More on this later.

### **PRESIDENTS' MEETING**

On March 18th, I invited the Presidents of all Zone G Clubs to meet and continue to discuss and decide upon our input for the upcoming MAAC AGM. We also continued the planning work we began in the fall. The meeting was extremely productive and I have committed to working diligently, with my extended Management Team, to position our zone as a leader within MAAC.

From our efforts, I am pleased to bring to your attention three initiatives which support that goal:

### **THE ZONE G FUN FLY:**

This signature event will be held on the traditional long weekend in August (5th and 6th) at the Arnprior Radio Control Club field. This year will see some significant changes as there are six local clubs who will cooperate and collaborate to raise both the quality and size of the event:

- Field and facilities – Arnprior Radio Control Club, (ARCC)
- Food – Ottawa Remote Control Club (ORCC)
- Registration - Rideau Valley Modelers (RVM)
- Flight Line Operations – Cornwall Aero Modellers
- Multi-Rotor Operations and Related Events - Ottawa FPV Riders
- Advertising and Prizes- Stetson Flyers

Along with the regular fixed-wing flight activities, there will also be multi-rotor events. I highly recommend you consider attending this event to show these clubs your interest and appreciation for the coordinated effort they will invest.

### **THE CORNWALL AERO MODELERS HOSTING BID FOR THE MAAC 2020 AGM:**

Club representative Roger Bélanger will attend this year's MAAC AGM in Niagara and present a plan and budget, including the proposed NAV Centre in Cornwall as the location.

Following the Zone G collaborative event development model, Roger has succeeded

in securing the support of seven other local clubs to participate in the event with a view toward setting a new standard in excellence and cost effectiveness:

- Local Area Advertising:
  - Arnprior Radio Control Club
  - Ottawa Remote Control Club
  - Rideau Valley Modelers
  - Kingston Radio Control Modellers
  - Les Ailerons
  - Brockville Model Airplane Club,
- Transportation Plan and Execution:
  - Stetson Flyers – the Plan
  - Cornwall Aero Modellers – the Execution

### **LEADER CLUB MODEL DEVELOPMENT, BETA TEST AND LAUNCH:**

My hat goes off to Mike Anderson for a great idea and superior effort in "borrowing" an idea from our AMA cousins and adopting a Canadian version which aligns extremely well with MAAC's mission and values as well as with both the strategic and operating plans. The Leader Club model encourages Flying Club excellence by organizing and managing themselves and their operations with several key attributes as goals:

- Under the proposed model, Leader Clubs:
  - Are known to the local non-hobby community,
  - Have exemplary safety records,
  - Are good neighbours,
  - Are open to all MAAC members in good standing,
  - Have an active pilot training program

*continued on page 18*

# QUÉBEC (I)



**Jean Paul Le Guilcher #17859**  
Directeur de zone  
418-296-8791 | zd-i@maac.ca

Le printemps vient d'arriver et tout le monde vient de ressortir sa flotte d'avions après un long hiver passé à l'intérieur. Je veux vous entretenir de ce que s'est passé au cours de l'hiver.

## TRANSPORTS CANADA

Transports Canada a été très actif en compagnie de notre équipe de comité, que dirige Rodger Williams. Le Comité est présentement en négociation avec Ottawa relativement à la réglementation – nouvelle ou modifiée – qui sera dévoilée, cet été. Une chose demeure : vous devrez identifier chacune de vos maquettes.

De grâce, n'ayons pas d'incidents, ce qui pourrait ralentir le cours de ces négociations. Pilotez vos maquettes avec confiance, en utilisant le gros bon sens et en toute sécurité. Ainsi, nous maintiendrons notre réputation irréprochable auprès de nos grands frères d'Ottawa et nous maintiendrons notre statut.

## VOL INTÉRIEUR

Le vol intérieur est populaire dans la région de Québec grâce à deux clubs et j'ai nommé le Club Air Modéliste et la North End Gang, dont les membres ont organisé plusieurs séances de vol pendant la saison froide. J'ai entendu parler d'activité dans le giron de la course de quadricoptères mais je n'ai pas de détails en ce moment.

Peut-être quelques adeptes pourraient-ils m'envoyer un compte-rendu en prévision de la prochaine chronique?

## SALON DU MODÈLE RÉDUIT

Le Club Air Modéliste a organisé son 33e Salon du modèle réduit au complexe de soccer intérieur Honco de Charny, près de Lévis. Vous trouverez des photos de l'évènement dans le prochain numéro de Model Aviation Canada et – avis à ceux qui s'y sont rendus – envoyez-moi des photos et quelques lignes à l'appui.

Cet évènement est en train de devenir le Toledo du Nord et il prend de l'ampleur. On y retrouve de quoi pour tout le monde : bateaux, avions, trains, hélicoptères, quadricoptères, voitures et machines à



Michel Martin's freshly built Balsa USA ¼ scale Fokker D-VIII. He has a nice five cylinder radial engine to install in it and she's ready to go. / Le tout nouveau Fokker D-VIII à l'échelle ¼ (un kit de Balsa USA) de Michel Martin. Il est prêt à installer un moteur radial à cinq cylindres et l'avion sera prêt!



Here is a set of the propellers, displayed at the model show, used during various periods of history. / Un groupe d'hélices en montre au Salon du modèle réduit et qui ont servi à divers moments à travers l'histoire.

vapeur; vous pourriez nommer quelque chose et elle s'y trouvait probablement.

## AGA 2018

L'Assemblée générale annuelle a eu lieu à Niagara Falls, fin avril, et comme vous le verrez, de vieux et nouveaux visages ont accepté la responsabilité d'entretenir et de

faire croître notre organisme.

Au plaisir de vous voir au terrain de vol et vérifiez le site Web du MAAC pour y voir tous les évènements à venir. Et surtout, pilotez en toute sécurité! ✈

# QUEBEC (I)



**Jean Paul Le Guilcher #17859**  
Zone Director  
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Spring has sprung and the revival of our fleets is in full swing after a long winter. I would like to reminisce just for a moment about what has taken place during this past winter.

## TRANSPORT CANADA

Transport Canada has been very active with our Committee team headed up by Rodger Williams. The Committee is currently in negotiations with Ottawa with regards to any of the new or modified rules that will be coming out in the summer. One thing for sure: you will need model identification somewhere on each of your models.

So please let's not have any incidents as we don't want anything to slow up the negotiations. Fly with confidence, common sense and safely. This will continue our stellar reputation with our big brothers in Ottawa and keep us in good standing.

## INDOOR FLYING

Indoor flying was prevalent in the Québec City area with two clubs, namely the Club Air Modéliste and the North End Gang, who have had several sessions during the cold months. I am aware of some other activity in the quad racing but don't have any details at this point.

Maybe some of the Quad boys would like to send me a write-up for the next article?

## MODEL SHOW IN QUÉBEC

The Club Air Modéliste hosted the 33rd Salon du modèle réduit (model show) which was held at the Honco indoor soccer field in Charny, near Lévis (across the Saint-Lawrence from Québec City). The next issue will have many photos for you to see and for those who were able to attend this show, send me in some of your pictures and a short story to go along with it.

It is becoming the Toledo of the North, and growing each time we have it. This show had something for everyone, boats, planes, trains, helicopters, quads, cars and some steam machines; you name it and it was there.



*Despite much wind, Claude executed some chocolate egg drops for the children with his Decathlon at the Sainte-Anne-des-Mont Ski Centre! / Malgré le vent, largage d'oeufs en chocolat du haut des airs pour les enfants par Claude avec son Décathlon au Centre de ski de Ste Anne-des-Monts!*



*Captain Dale Patry, a member of the North End Gang and Helifun Québec, prepares his boat for display at the Salon du modèle réduit. / Le capitaine Dale Patry, membre de la North End Gang et d'Helifun Québec, prépare son bateau afin de l'exposer au Salon du modèle réduit.*

## AGM 2018

The AGM was held in Niagara Falls at the end of April and as you will see, some old and some new faces have taken on the responsibility of maintaining, and growing, our organization.

See you at the flying field and please check the MAAC website for all event listings and fly safely! ✈

## SAINT-LAURENT (J)



**Steve Woloz - 7877L**

Directeur de zone

514.944.8241 | zd-j@maac.ca

Une fois de plus, il me fait plaisir de vous rapporter que la zone Saint-Laurent roule à fond. Nous avons déjà présenté quelques événements cette année et bien d'autres s'en viennent en cours de saison.

Tous ces événements entraînent de la visibilité au sein de la communauté et de la promotion pour le MAAC, sans oublier que cela facilite la rétention et le recrutement des membres. Les statistiques de mars/avril pour la zone en font foi : une croissance de 9 % des membres au cours de la dernière année. C'est la plus forte croissance des 13 zones du Canada.

Bravo à tous les clubs de la zone Saint-Laurent!

### PROGRAMME D'ASSEMBLAGE DE DRONES

Sous la gouverne de Jean-Claude Guèvremont, nous avons conçu et présenté avec succès notre premier programme d'apprentissage de construction de multicopters. La maquette prédestinée est un appareil de catégorie 500 muni d'un contrôleur de vol PixHawk.

Le programme comprenait la soudure, l'assemblage et la programmation initiale. Il nous a fallu un moment afin de régler les problèmes mais je peux vous rapporter avec plaisir que les vols inauguraux ont connu beaucoup de succès, même si le mercure se situait tout juste au-dessus du point de congélation et que le sol était encore gelé et la neige au sol.

Un énorme merci est de mise à l'endroit de Pierre Cloutier qui a participé à toutes les séances afin de prendre des photos et des extraits vidéo afin de documenter le programme. Ce dernier a compilé une extraordinaire vidéo qui illustre le programme sur tout son cycle de production, y compris des entrevues avec Jack Rothenberg et moi-même.

Cette archive servira d'outil promotionnel pour le MAAC. Le lien youtube sera disponible sous peu à la page Facebook de la zone Saint-Laurent.

Une deuxième phase du programme est en cours de conception et d'autres élèves se sont inscrits à la première. Cette deuxième étape suivra d'ici quelques mois afin de traiter de la programmation pour le GPS à l'aide du contrôleur PixHawk. ✨





## ST. LAWRENCE (J)



**Steve Woloz - 7877L**

Zone Director

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Once again, I am pleased to report that the Saint-Lawrence Zone is firing on all cylinders. We've already had a number of events this year, and we have many events planned for the coming flying season.

All these events lead to community visibility and promotion of MAAC and they aid in membership retention and recruitment. This can be seen in our zone's March/April membership statistics which show a 9% membership growth over last year -- the highest across all 13 zones in Canada.

Bravo to all clubs in the Saint-Lawrence Zone!

### LEARN-TO-BUILD DRONE PROGRAM

Under the leadership of Jean-Claude Guèvremont, we have developed and successfully presented our first Learn-to-Build multi-rotor program. The drone is a 500-class multi-rotor with a PixHawk flight controller.

The program included soldering, assembly and initial programming. It took a while to debug all programming but I am pleased to report that the maiden flights were most successful, even though the outdoor temperatures hovered just above the freezing point and the ground was still frozen and with snow on the ground.

A great thank you to Pierre Cloutier who has attended all sessions in order to capture photos and videos throughout the program. Pierre has compiled an extraordinary video which graphically illustrates the program throughout its life cycle, including interviews with Jack Rothenberg and myself.

This record will act as an excellent MAAC promotional tool. The youtube link will be available shortly on the Saint-Lawrence Zone Facebook page.

A second Multi-Rotor Learn-to-Build program is now in process with additional students on phase one of the program. Phase two will follow within a couple of months to cover GPS programming with the PixHawk controller. ✨



## SUD OUEST DE L'ONTARIO (M)



Tony Paladino greases the landing on a foggy morning with his Eindecker, scratch built, 80-inch wingspan and OS 1.08 for power. / Tony Paladino effectue un atterrissage parfait par un matin brumeux à l'aide de son Eindecker (construction artisanale), doté d'une envergure de 80 pouces et d'un O.S. 1.08 en guise de motorisation.



### Frank Klenk - 32001L

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### MODEL AVIATION CANADA

J'ai reçu plusieurs commentaires positifs récemment sur la qualité de la revue Model Aviation Canada. D'autres changements s'en viennent.

Prochamment, la revue deviendra davantage comme une périodique de passe-temps; elle nous informera des nouveaux produits, elle renfermera des évaluations de produits et des articles informatifs. Les chroniques de format rapport migreront vers notre site Web afin de libérer l'espace rédactionnel.

Le site Web proprement dit deviendra plus efficace. Vous pourrez en lire le contenu à partir de plusieurs plateformes. Il sera plus facile de naviguer à travers la section des événements à venir sur le site Web et de nouvelles fonctionnalités seront ajoutées sous peu.

### BIENTÔT LA SAISON DE VOL

Au moment où j'écris ceci et que je

lis les commentaires sur Facebook, je remarque que les messages sur le vol et la planification d'évènements vont bon train. L'enthousiasme est au rendez-vous; les pilotes ont hâte de passer au vol à l'extérieur. Les clubs préparent leur terrain et inspectent tout dommage que dame Nature aurait pu infliger au cours de l'hiver.

Les bénévoles font toujours en sorte que les choses se produisent! Je remercie très particulièrement les membres de club qui prennent de leur temps afin de préparer les terrains, aires des puits et bâtiments en prévision de la saison de vol 2018. Remercions aussi le membre qui, sans flâner, coupe le gazon et contribue à entretenir la piste pour nous.

### AERO CLUB DU CANADA

On m'a récemment envoyé à titre de représentant du MAAC auprès de l'Aéro Club du Canada (ACC). Celui-ci constitue l'autorité nationale en matière de sports aériens et est membre de la Fédération aéronautique internationale (FAI). L'ACC est l'organisme parapluie pour les associations aéronautiques membres au Canada. En plus du MAAC, l'ACC compte Acrobatie Canada (AC), l'Association canadienne des aérostatiers (CBA), l'Association canadienne

de parachutisme sportif (CSPA), la Hang Gliding and Paragliding Association of Canada ainsi que l'Association canadienne de vol à voile.

Je me suis rendu à l'assemblée générale annuelle de l'ACC le 24 février où j'ai rencontré les représentants de toutes ces associations. Au fil des discussions, il était clair que nous ne différons pas tant que ça l'une de l'autre : notre défi commun, c'est de gonfler nos rangs.

C'était un véritable plaisir de passer une journée en compagnie de tant de personnes aussi enthousiastes que gentilles.

### CONCOURS IMAC EN FLORIDE

Voici un suivi du concours IMAC à Ocala (en Floride) auquel je me suis déplacé. Il y avait dix pilotes canadiens en plus du directeur de concours, Ivan Kristensen. Au total, nous étions 36 pilotes. Le plus jeune était Nolan Johnson (âgé de 11 ans) de Sutton (Ontario). Il s'agissait de son tout premier concours IMAC et il a bien piloté. Pilote avec cœur, Nolan; je suis persuadé que nous entendrons parler de toi à l'avenir.

### LA SAISON DÉBUTE

Notre premier événement de la saison

*suite à la page 25*

## SOUTH-WEST ONTARIO (M)



**Frank Klenk - 32001L**

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### MODEL AVIATION CANADA

I have received several positive comments recently about the quality of our Model Aviation Canada Magazine (MAC Mag.) There are more changes coming.

Moving forward, MAC will become more of a hobby magazine, keeping us informed about new products, reviews and informational articles. Some of the normal 'report' type articles that you read now, will move over to our website to make room for this new content.

The website itself will undergo a change to become a responsive website. What that means is it will be able to be viewed on multiple platforms with ease. The events section on the website will become easier to navigate as new features will be added soon.

### FLYING SEASON IS COMING

It's early April as I write this and as I survey the comments on Facebook, I notice the posts about flying and event planning are ramping up. Enthusiasm is picking up; pilots are looking forward to outdoor flying. Clubs are busy surveying their properties and buildings for any damage Mother Nature shelled out this past winter.

Volunteers always make it happen! I want to give a special thank you to all the club members who volunteer their time to prepare your properties for the 2018 flying season. Let's not forget to thank the fellow that quietly goes about grass cutting and trimming as he transforms the flying field into a tabletop runway for us.

### AERO CLUB OF CANADA

Recently, I was volunteered to be MAAC's representative to the Aero Club of Canada (ACC.) The ACC is the Canadian national air sports authority member of the Fédération aéronautique internationale (FAI). The ACC is the umbrella organization for sports aviation member associations in Canada. Along with MAAC, the other member associations are Aerobatic Canada (AC), the Canadian Balloon Association (CBA), the Canadian Sport Parachuting Association



*This is what IMAC guys do at 7 am on a Sunday, practising their unknown schedule with stick planes. Lee Prevost left, Steve Ruxton hiding in the back, Don McLellan on the right. / Voici ce que font les gars d'IMAC à 7 h le dimanche matin : ils pratiquent leur séquence inconnue à l'aide de mini-maquettes en bâtonnets. Lee Prevost est à gauche, Steve Ruxton se trouve à l'arrière et Don McLellan est à droite.*

(CSPA), the Hang Gliding and Paragliding Association of Canada (HPAC) and the Soaring Association of Canada (SAC).

I attended its AGM on February 24 where I met the representatives from all these other associations. As we discussed our organizations, it was clear that we are not that different from one another and we all share the challenge of growing our numbers.

It was a real pleasure to spend a day with so many enthusiastic and kind people.

### FLORIDA IMAC CONTEST

Here is a follow-up to the Ocala Florida IMAC contest that I attended. There were ten Canadian pilots along with the CD, Ivan Kristensen. There were 36 pilots in total. The youngest pilot was Nolan Johnson, age 11, from Sutton, Ontario. This was his first-ever IMAC contest and he flew well. Fly hard Nolan, I am sure we will hear more about you in the future.

### THE SEASON BEGINS

Our first event of the season will be the 3rd annual Jet Frost, May 4 to 6, at the Goderich Airport hosted by the Sky Harbour Modelers and Bob Bennett.

Check the event section as several are

scheduled for May and June, including an IMAC contest at Woodstock, June 16 to 17.

Let's make 2018 another accident-free year for the Southwest region, fly sensibly and keep your wings level. ✈

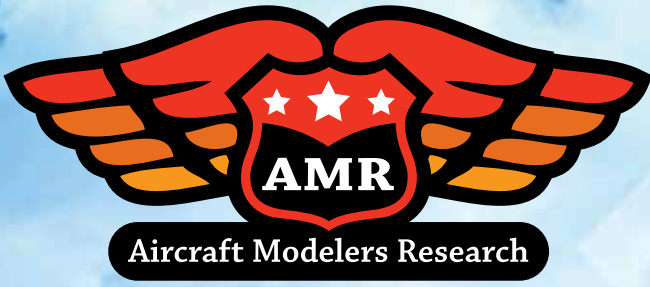
### *Sud Ouest de l'Ontario (M) suite de la page 24*

sera le troisième rassemblement annuel Jet Frost (du 4 au 6 mai) à l'aéroport de Goderich, un événement qu'organisent les Sky Harbour Modelers et Bob Bennett.

Vérifiez la section des événements à venir qui sont prévus en mai et juin, y compris un concours à Woodstock, les 16 et 17 juin.

Faisons en sorte que 2018 soit une année sans incident dans la région du sud-ouest ontarien. Pilotez avec discernement et gardez les ailes à l'horizontale. ✈

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## SOUTH-EAST ONTARIO (L)



**Athol H. Cohen -35223**

Zone Director  
zd-l@maac.ca

### MEETING OF CLUB PRESIDENTS

By Michael Rogozinsky  
Deputy Zone Director

In an ambitious effort to find ways to grow membership in SE Zone clubs and MAAC, a meeting was set up to share the goals with the clubs and to record the ideas that might help in achieving these goals. (At this time of this writing, MAAC membership in L-zone is up 3%.)

Another goal of the meeting was to help Athol Cohen, our zone director, become familiar with club presidents and to establish a direct communication line with them so he could better serve their needs. Club presidents or designated representatives were invited, and we were pleased with our turnout, representing 22 of the 41 clubs in our zone.

The gathering was chaired by Athol. I was also there along with Assistant Zone Directors Doug Anderson, Gord Weeks and Jim Eichenberg. Representing their clubs were, Tom Lundhild, John Marett, Peter Conquesgood, Max Perez, Mike Foster, Trevor Murphy, Dennis Loo, Thomas Smith, Ken Rawlings, Paul McMillan, Val Oddo, Demetri Giokas, Karl Goinarov, Leslie Farkas, Steven McNaught, Chris Brownhill, Dave Bowes, and Richard Orr.

Our agenda covered topics such as: what we need and want from MAAC, club statistics, and as indicated above, ways of increasing membership.

A detailed summary and conclusions will be offered in an upcoming report, but lively discussion, criticism and innovative ideas categorized the meeting. We also explored the possibilities and ramifications of integrating helicopter and multi-rotor (drones) activities into existing clubs.

Many participants were quite passionate and candid with their views, and while unanimously positive about attracting a younger demographic to the hobby to ensure long-term viability, several felt that more immediate benefits would come from seeking out people around retirement age, likely with financial means and time to devote to the hobby.

Other topics discussed included how MAAC can better cater to the needs of members, locating fields and starting new clubs, incorporating website pages, and more information of individual clubs on the MAAC website, and the need of MAAC to take an arbitrator's position in reference to club disputes.

As mentioned, we are compiling a report that will be shared with the zone L club presidents. Once analyzed and a consensus is formed, we'll share it with the MAAC board and executive, and here in an L zone report in an upcoming issue of Model Aviation Canada.

Jim Eichenberg and Michael Rogozinsky, having attended several L zone meetings for various reasons, commented that this meeting was the most positive and productive that they had seen in years. Hopefully, increased membership, better communication and enhanced enjoyment of the hobby will be the products of this effort.



*Michael Rogozinsky with one of his models. / Michael Rogozinsky en compagnie de l'une de ses maquettes.*

## SUD EST DE L'ONTARIO (L)



**Athol H. Cohen - 35223**

Directeur de zone  
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### RENCONTRE DES PRÉSIDENTS DE CLUB

par Michael Rogozinsky  
Assistant directeur de zone

Une réunion a été organisée – histoire de trouver des façons d'accroître le nombre de membres au sein de la zone Sud-est (Ontario) et du MAAC – afin de partager les objectifs avec les clubs et de consigner les idées en ce sens. (Au moment d'écrire ces lignes, le nombre de membres s'est accru de

3 % au sein de la zone L.)

Autre objectif : aider notre directeur de zone Athol Cohen à rencontrer les présidents de club et établir une ligne de communication directe afin qu'il sache répondre à leurs besoins. Les présidents de club ou leurs personnes désignées ont été invités et nous étions satisfaits de la participation (22 clubs sur 41).

Athol a dirigé la rencontre et j'y étais en compagnie des assistants de la zone Doug Anderson, Gord Weeks et Jim Eichenberg. Quant aux représentants de club, il s'agissait de : Tom Lundhild, John Marett, Peter Conquesgood, Max Perez, Mike Foster, Trevor Murphy, Dennis

Loo, Thomas Smith, Ken Rawlings, Paul McMillan, Val Oddo, Demetri Giokas, Karl Goinarov, Leslie Farkas, Steven McNaught, Chris Brownhill, Dave Bowes et Richard Orr.

À l'ordre du jour : qu'avons-nous besoin et que voulons-nous du MAAC; statistiques de club; et comme indiqué plus haut, comment accroître le nombre de membres.

Nous vous offrons une récapitulation détaillée et des conclusions lors d'un prochain compte-rendu mais je peux vous dire que la rencontre a été ponctuée de discussion animée, de critiques et d'idées innovatrices. Nous avons aussi exploré les

*suite à la page 92*

# LES LIGNES DIRECTRICES DES HISTOIRES

**Keith Morison - 24909L**

Editor

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Model Aviation Canada recherchera un nouveau style de contenu à partir de maintenant. Histoire d'aider nos collaborateurs à atteindre cet objectif, nous avons révisé nos lignes directrices pour quiconque veut soumettre du matériel et voici quelques-uns de ces principes. Vous noterez aussi que j'ai inséré le nombre de mots et de photos dans ces descriptions. Ce sont des lignes directrices mais nous dégagerons toujours de l'espace pour les comptes-rendus sensationnels.

## EN GÉNÉRAL

Notre mandat passera des rapports de zone et de comité à plutôt la célébration de notre passe-temps et de nos membres. Ce faisant, nous voulons que nos comptes-rendus reflètent le côté humain des sujets, dans la mesure du possible. Le MAAC, c'est une communauté forte de ses membres et voilà ce que nous voulons partager.

Mais avant de barbouiller le papier ou de faire promener vos doigts sur le clavier, communiquez avec moi à l'adresse editor@modelaviation.ca de sorte à ce que nous nous assurions que l'article cadre dans le projet et que nous nous en servions. Peut-être avons-nous quelque chose de semblable en chantier, si bien qu'il se pourrait que nous combinions ces textes, comme nous l'avons fait dans le cas des articles sur la sécurité à employer en manipulant des piles LiPo, en pages 38 et 39.

## PHOTOS

De bonnes photos font toujours ressortir un bon reportage. La première pour obtenir de bonnes photos, c'est de les planifier et de les préparer avec soin. Il est rare qu'un cliché rapide vous donne de bons résultats. Attention notamment à : les distractions d'arrière-scène, vous pencher vers vos sujets, les visages ou les sujets ombragés, l'affichage de la date dans le coin des photos ainsi que les fichiers de basse résolution.

L'une des meilleures façons d'obtenir de bonnes photos, c'est de dénicher ce membre ou cette membre du club qui raffole de

la photographie et de lui demander de croquer les photos. Le deuxième conseil, c'est de ne pas avoir peur de partager davantage de photos que ce que vous croyez avoir besoin. Dans une vie antérieure, j'effectuais l'édition de photos, si bien que je suis très habitué de travailler à partir d'une sélection d'images. Cela nous permettra d'utiliser diverses photos pour les besoins de médias sociaux et des autres types de promotion.

Les fichiers originaux de photos peuvent être volumineux, alors les services de partage de photos comme DropBox pourraient être très utiles.

## LES VIGNETTES

Il n'y a rien de plus frustrant que de visionner une photo absolument magnifique sans pour autant dénicher quoi que ce soit à son sujet. Idéalement, chaque photo que vous soumettez devrait contenir les renseignements de base de vignette, ce que nous appelons communément (dans la tradition anglophone) les « cinq W » (qui, quoi, où, quand et pourquoi).

Selon le contexte, il se peut que nous ne puissions pas utiliser tous les renseignements mais ils sont pratiques à savoir. Plus vous offrez d'information, le mieux c'est.

## PROFILS DE CLUB OU DE MEMBRE

Nous voulons mettre en vedette nos membres et clubs – et ce, régulièrement – puisqu'ils constituent la matière première de nos communautés. Dans leur vie respective, ces gens-là partagent leur passion et l'enthousiasme qui les nourrit; faisons de même dans les pages de Model Aviation Canada.

Bien que les faits de base soient toujours importants, il est bien plus intéressant de traiter des raisons pour lesquelles ces modélistes se sont lancés dans le passe-temps; une fois que nous frôlons ce sujet (ce qu'ils retirent de s'adonner au modélisme), leurs propos deviennent intéressants et souvent contagieux.

L'article de Ken Kalnyuk sur l'anniversaire du WHAM (page 30) compte 712 mots et comporte quatre (4) photos.

## RAPPORTS DE FUN-FLIES ET AUTRES ÉVÈNEMENTS

Le MAAC traite de plusieurs Fun-flies annuellement et ceux-ci peuvent être de simples rassemblements de club ou encore,

*suite à la page 93*

When: Main event: Saturday Sept 8th

Where: Creg Quay Marina beach (6 km west of Lancaster, On) - 21240 80th Avenue, Bainsville, Ontario

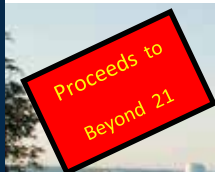
Venue: Park Setting

Dry Camping on grassy site. Bathroom/ Shower facilities.

Treats: Canteen all day Saturday, Saturday night BBQ, Draw Prizes

## Cornwall Aero Modellers

2017 Fall Float Fly Classic at Creg Quay Marina



**Sept 8 and 9, 2018**

# STORY GUIDELINES

**Keith Morison - 24909L**

Editor

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Model Aviation Canada will be looking for a new style of content, moving forward. To help our contributors meet that need, we are revising our submission guidelines but for now, here are some of the principles of what we will be looking for. You'll note some word and photo counts in the descriptions. They are a guideline, but we'll always make room for great stories.

## IN GENERAL

Our mandate is moving from zone and committee reports towards 'celebrating the hobby and our members.' As such, we want our stories to reflect the human side of the subject wherever possible. MAAC is a strong community of modellers, and that is what we want to share.

But, before you put pen to paper, or fingers to keyboard, get in touch with me at editor@modelaviation.ca so we can make sure the article will work and when we will use it. We might already have something similar in the works, so we might end up running them together, like we did with the LiPo safety stories on pages 38 and 39.

## PHOTOS

Good pictures can really set a story apart. The first step to getting good pictures is to plan them out, and be deliberate in setting them up. Grabbing a 'quick snap' rarely brings great results. Things to be careful of include: distractions in the background, looking down on the subject, faces or subjects in the shadows, date stamps on the photos, and low resolution files.

One of the best ways to get great photos is to find that club member who is an avid photographer and have him or her take the photos. The second tip is to not be afraid of sharing more pictures than you think will be needed. I have a background in photo editing, so working with a selection of images is second nature to me. This will also allow us to use different photos in social media and other promotions.

Original files from the camera can be large, so file sharing services like DropBox can be a huge help.

## CAPTIONS

Nothing is more frustrating than seeing a great photo and not being able to find anything out about it. Ideally, every photo you send in should have the basic caption information, known as 'the five Ws.' Who What Where When and Why.

Depending on the context, we might not use all of the information, but it is great to have. The more information the better.

## CLUB OR MEMBER FEATURES

We do want to feature our members, and clubs, on a regular basis as well, as they are the 'meat' of our communities. Sharing the passion and enthusiasm that makes them 'tick' is what they tend to do in real life, so let's do the same in Model Aviation Canada.

While the basic 'facts' are always important, it is far more interesting to talk about why people are in the hobby and once we

get into what they get from being involved, it gets interesting and often infectious.

Ken Kalnyuk's WHAM Anniversary article on page 30 is 712 words with four (4) photos.

## FUN-FLY OR OTHER EVENT REPORTS

MAAC has a lot of Fun-Flys each year, and they range from club gatherings to major zone events. It would be easy to fall into a rut with these reports. 'X many people showed up; pot luck dinner at the field; too windy for some; laughs were had; pieces were picked up; see the photos.'

Without a doubt, these features will be photo-heavy, but a few hundred words to set the scene are well worth it. Try and find something special about the event. Maybe it is a flying task that challenges the participants, a model theme such as warbirds or biplanes, or maybe talk about the best and brightest models and pilots who were there.

## CONTEST REPORTS

If you want to send in a competition report, remember that the majority of our audience won't know F3A from F1D without asking a whole bunch of questions.

Peter Cook's Space Modelling Can-Am Cup story on page 40 is a great example of a contest story that is accessible to the average modeller. The tasks are explained in simple terms and the team's strengths and weaknesses are discussed openly. What the story avoids is a 'round by round' detailed description of the events. Certainly, some competition stories will rely on the progression through the event, and the Can-Am Cup story benefits from featuring several different models and tasks.

The Can-Am cup story is about 2,000 words, with seven (7) photos. A wider range of photos could have been used.

## BUILDING ARTICLES

We want to regularly look at build articles, or features that look at building or finishing techniques. The same principle applies in that we want to know a bit more about why someone would want to use a technique or what you get from it, personally.

Carl Layden's story about personalizing an ARF on page 34 is a good example of finding inspiration and sharing some ways to make the hobby more engaging. You'll note that he opens with a personal observation about ARFs being all the same. This could have been a build article from the ground up, or a look at any number of specialty techniques in the hobby.

This story comes in at 2,000 words, with 11 photos, with a couple of photos used to make the layout really stand apart. In fact, some of these photos were shot by Carl at our request.

## FINAL EDITING

If you're worried about needing to be a top notch writer, then fear not. I'm here to edit stories for print and am happy to take a rough draft and make it work on the pages.

From padding out bullet points to trimming down heavily padded language, you should take advantage of our editing skills to make your submissions the best they can be. Nobody is a good editor of their own work.



WHAM's flying fields have always been great places to host events and have fun...

**Ken Kalnyuk - 16341-L**

2017 marked the 30th anniversary of the WHAM club and also marked the fifth year at the current WHAM field.

The start was a group of Air Canada employees forming an r/c airplane club under the Air Canada Recreational Association (ACRA), since a good number of r/cers worked at the Air Canada maintenance hangar in St. James; the club based itself in the west Winnipeg area.

Non Air Canada employees were allowed to join the club as non-voting associate members. After a few years, the ACRA r/c club associate membership numbers grew to about forty members and it was time to form a separate r/c club outside of ACRA and WHAM was born.

Club flying began at Little Mountain Park on the north-west side of Winnipeg but concerns with flying over the slow pitch soft ball areas, led the members to start a field on Saskatchewan Avenue, 4.66km west of PTH 100 (west perimeter highway).

This small grass field is known as WHAM Field 1. A lot of fun was had at this field. One early fun fly yielded three mid-air and then seeing a Quadra 35 powered Big Stik do three rolls, a loop and divot itself to win a timed event (under 18 seconds) was memorable, though one wonders whether the prize of a

\$18 gallon of glow fuel covered the cost of the 18x10 wood prop and repairing the landing gear.

Situated on the same side of Winnipeg as the airport and CFB Winnipeg, WHAM attracted and was fortunate to have a strong mix of military, commercial and airline pilots and navigators, AME's, and keen aviation enthusiast in the nucleus of WHAM. These members greatly contributed to the early growth of WHAM.

WHAM Field 1 had a few drawbacks, no parking, dust off Saskatchewan Avenue, and large trees at the south end of the field and that led to the development of WHAM Field 2.

An adjacent landowner, the late Mr. Jack Braun, agreed to rent twelve acres of land at ~\$1200.00 per year to the WHAM Club and this field became WHAM Field 2, just west of Field 1.

A unique early event at Field 2 led by Ken Ritchie was the E power only Fun Fly, and to illustrate the difference between E power and the slime of glow power, participants at the Wham E Fun Fly wore their Sunday best. In 1998 the Brady Road r/c club ceased operation and a majority of Brady Rd members joined WHAM and brought WHAM their biggest asset, a riding tractor lawnmower.

At Field 2 the WHAM club continue to grow and prosper until 2011. A young couple, a year before decide to build their house across the road from WHAM and soon complaints about the model noise started.



In 1998, Ken Ritchie pioneered the E power only Fun Fly at WHAM's second field location. He, and others, showed up in their 'Sunday Best' illustrate the difference between E power and the slime of glow power.





*Above: WHAM field #3 is well removed from development and has a conditional use permit from the RM, making a reasonably secure home for the club. It features a 600' geotextile runway as well as a 500' grass strip.*



*Left: Wham Field #2 was the club's home until a new neighbour built a home across the street from the club. Despite meeting all noise regulations, the club was forced to move to a new home.*

Although WHAM met all municipal noise regulations, a threatened lawsuit by the adjacent homeowner against the WHAM landowner (the ageing widow of the late Mr. Jack Braun) was too much for the landowner to deal with and thus the land lease to WHAM was cancelled. The search for WHAM Field 3 was on.

In 2012 a flying field search located a triangular piece of land in the RM of McDonald and a landowner that was willing to lease land to an r/c club. An agreement between WHAM and landowner Roland Kischner led to the development of WHAM Field 3 on Provincial Road 334, 1.64 km north of PTH 2.

A fundraising drive raised ~ \$17,000.00 to develop WHAM 3. An access road was constructed and the field seeded to grass in the fall

of 2012. WHAM members installed a 35' x 600' geotextile runway in June of 2013 so that flying could begin at the new field.

The new WHAM field has a conditional use permit from the RM and features a wide open space with no obstacles and no close home owners for noise issues. One can either fly off the 500' grass runway or the 600' geotextile runway. 2017 marked the 30th anniversary of the WHAM club and also marked the fifth year anniversary at the current field.

Check WHAM out on Facebook at <https://www.facebook.com/groups/whamrc/> or at <http://www.whamrc.org/>

2017 marked the 30th anniversary of the WHAM club and also marked the fifth year anniversary at the current field. ✨

# 2017 DALA-JARNA WORLD CHAMPIONSHIPS



2017 F3D Team: Left to Right – Patrik Samek, Hank Kauffmann, Roy Andrassy

## F3D PYLON RACING TEAM MANAGER'S REPORT

### Hank Kauffmann

F3D Team Canada Manager  
2017 Dala-Jarna World Championships

The F3D Worlds championship was held in August 2017 in Dala-Järna Sweden which is situated more northerly than Whitehorse, Yukon Territory. The site itself was supplied by Västerdalarnas Flygklubb a full sized glider club.

Our hosts supplied 45 helpers and judges for the event, some of whom travelled hundreds of kilometers to help. As a testament to the quality of the contest management and their preparation, the event went very smoothly with only one delay that was due to weather.

Time was set aside for team managers meetings at the end of the day, but nothing arose during the course of the day to necessitate the meeting. During the course of the contest, only two minor issues required the consideration and attention of the independent FAI jury. Again this was due to the experience, preparation, and top-notch communications from the management to the competitors.

Team Canada, comprised of pilots Roy Andrassy and Patrik Samek, and team manager/mechanic Hank Kauffmann, showed up a week in advance to help deal with jet lag and to maximize practice time and equipment preparation ahead of the event.

Normally racing in the drier Alberta weather conditions and under more controlled circumstances, Team Canada had problems when variable weather conditions moved in along with its fluctuating humidity. Humidity affects the oxygen concentration in a volume of air. The difference between running the engine at a good two-cycle peak setting versus running too hot and having to shut down when the motor leans out can be just a few percentage points of oxygen

density in the air.

The unfavourable weather came in just as we needed to race more conservatively to knock off some 200 point penalty scores taken previously due to pylon cuts. In the final point count the team ended up having to sit with some of these scores counting.

Patrik placed 36 of 45 competitors and Roy finished in 39th position. Note that this was Patrik's first major competition and he accomplished a number of personal bests and goals. The team came away with many good insights on what to do for the next event which will be held in Australia in 2019.

## 2017 F3D PYLON RACING TECHNICAL REPORT

### Roy Andrassy

F3D Team Canada Pilot 2017 Dala-Jarna World Championships

F3D pylon racing is a FAI sanctioned event that is similar to the Q40 event flown in North America, except F3D is purely a timed event where each pilot gathers points based on the time required to complete ten laps around a triangular course 40 meters wide by 180 meters long (4.0 km total distance).

A slower time yields a higher point score. Thus the lowest score wins. Over a three to four day competition, 14 rounds were flown and the three worst scores for each pilot were discarded to yield the final scores for each pilot which were then ranked; lowest total score to highest total score.

The planes used in this competition are highly regulated and highly technical. Almost all of the competitive aircraft are now made in molds and are composed of fibreglass, carbon fibre, kevlar, balsa, and some plywood. Titanium metal components are also used in a few areas.

The weight of the airplane must fall between the minimum of 2250 grams and a maximum 3000 grams. There are fuselage dimensional minimums (100 square centimetres of area, 175 mm height, 85 mm width) and overall lifting surface minimums (34 square decimetres of combined projected wing and horizontal tail surface areas).

Retractable landing gear is allowed but many of the planes have regular fixed landing gear that is fully streamlined covering the struts and most of the wheel. The fuel tank is typically 160 cc in capacity and of the bladder variety to prevent bubbles from entering the fuel line.

The control surfaces consist of basic elevator, aileron, rudder, and fuel shut off (no throttle). Typically the models have fully enclosed engines and tuned pipes to streamline the aircraft as much as possible.

The planes reach speeds of up to 320 KPM while on the race course. They are fast sleek racing machines. Average cost of a complete model set up for racing is about \$3000 to \$3500

The engines have a maximum total swept volume of 6.6 cubic centimetres (0.40 cubic inches) with a maximum venturi intake cross sectional area of 114 square millimeters (around 12 mm diameter circular hole). Full wave tuned pipes are allowed with dimensional restrictions and noise reduction tail cones.

The fuel used is 80% methanol and 20% castor oil measured by volume.

The propellers are almost all two bladed composite resin utilizing continuous strand carbon fibre construction. The central hub is also molded into the prop. The props are highly balanced and rigid to withstand the stresses of running close to 35,000 RPM in the air.

These high performance power plants can produce close to 4.5 brake horse power at around 30,000 rpm. This makes the F3D engine one of the most powerful engines in the world based on the horsepower per cubic inch of displacement. (11.25 horse power per cubic inch of displacement). No wonder we occasionally blow up the motors!

Many pilots now are using on board glow systems to power the glow plug. This allows the pilot to adjust the energy to the glow plug remotely from the transmitter while the plane is in the air. Glow plugs with heavier elements can be used and are therefore potentially longer lasting than the older plugs with smaller diameter more fragile elements. A heavier element can cause



*This is the F3D Redonkulous airplane manufactured by Adam Argus in Australia: a very high quality aircraft.*



*F3D full carbon high performance propellor with moulded hub and titanium spinner nut.*

more damage if the element is broken or lost during a flight. That is the downside of pushing the performance envelope.

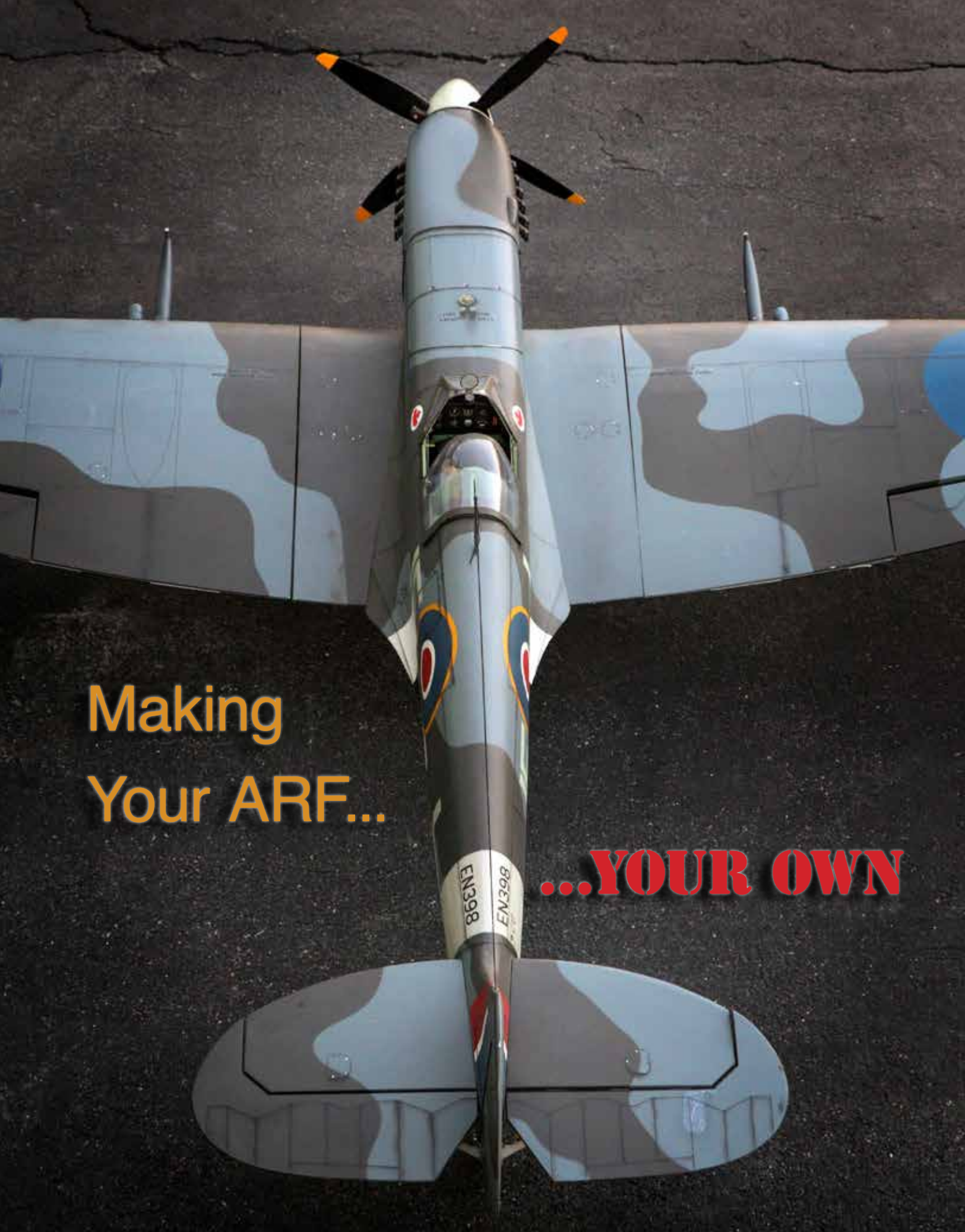
Presently the two major engine manufacturers are MB, made by Robert Metkemeijer in Holland, and DKT, made by



*World Championship model used a cool air intake that directs cool air directly to the header.*

the DKT factory in Italy. Both engines are very high quality motors indeed.

F3D is truly a very high performance international class of racing that brings modelers from around the world together to compete at very high levels of skill. ✈



Making  
Your ARF...

**...YOUR OWN**



## Story and Photos by Carl Layden

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Pre-built or factory built aircraft are the norm around many flying fields. ARFs are the main source for many model aviators. When we built planes from balsa kits or scratch built from plans it was very rare for two of the same kit to be finished identically. Today if two club members buy the same ARF, assemble it, when they show up at the field you have an identical twin.

Sometimes you want to personalize your aircraft or add a touch of realism. My H9 Pawnee has a book inside the cockpit, "How to Fly R/C". It's a doll house accessory from a craft store that was painted, and the lettering for the title added. It is a simple little detail that creates a smile for the observant individual. You could add a coffee mug to the dash or a bottle of coke or a map.

That's what this article is about, adding detail and effects to your model that help you create something special.

The subject of the modifications is a Hangar 9 Spitfire MkIX, but the techniques can be adapted to many models, the complexity varies from Beginner to Intermediate to Advanced. Just adding a couple of these to your plane will improve its appearance.

It is best to make these changes before the ARF is assembled, however they could be done after the fact with a little extra care.

### BEGINNER

Here are some of the simple things you can do to make your model stand out from the pack.

- **Rear View Mirror** – During WWII a rear view mirror was added to the canopy of Spitfires to enable the pilot to see if anyone was 'on his six.' The shape and size of the mirror varied greatly. Looking through various online photos you can get ideas.



The mirror on this model has a diameter of approximately 2cm, it was made using 30 minute epoxy and the inside of a plastic spinner for a mold. WD40 can be used as a release agent; spray it inside the mold (spinner) wipe up any excess. Mix the epoxy, pour it into mold until you have the diameter you want. Insert a short dowel to assist with removing from the mold. Stand up the spinner in the center of a roll of electrical tape while the epoxy sets. Once hardened remove it from mold, cut off the dowel and clean the part with rubbing alcohol. Using scrap pieces of balsa fashion a mount and glue it to the mirror. Paint it the desired colour and add silver tape for the reflective surface. Use canopy glue or Weldbond to attach your mirror to the canopy. Don't use CA! CA it will mess up your canopy.

- **Tail Wheel** – The tail wheels for the Spitfire ARF is bent piece of music wire designed for function, not appearance.

A quick internet search for 'Spitfire tailwheel' yielded many photos of what the tail wheel should look like. Using the images as a guideline, glue ¼ inch balsa to the wire and sand it to shape. Cover the balsa with aluminum coloured iron on film to finish off the look. Remember, you aren't replacing the wire tailwheel, just adding a little balsa cover to it to 'hide' the wire.



- **Main Wheels** – This is the simplest of the mods made to the spitfire. The original wheels were lost in a 'flying event' where the importance of locktite was learned. See the video <https://www.youtube.com/watch?v=jco64Uhfjkg>

I replaced the wheels with standard 4 inch wheels, but they didn't look like Spitfire wheels. Painting the molded triangles in the hub with black paint and adding a large flat washer creates a convincing Spitfire wheel replacement.



- **Pitot Tube** – If you are working with a scale model a plastic model kit may help with details like the pitot tube. Popular plastic model scales are 1/72 & 1/48...if your R/C model is 1/5 scale you can calculate the size of a part need for your model by measuring it on the plastic one. For example if the pitot tube on a 1/48 scale model is ¼" to calculate it for a 1/5 scale ARF: (size of part) x (scale of plastic model)/(scale of ARF) or ¼" X 48/5 = 2.4 You need to make a Pitot tube that's approximately 2 3/8" long.

The pitot tube was built using some 1/8" and ½" brass tubing. The ½" tube is pressed to an oblong 'airfoil-ish' shape, then soldered

to the 1/8" in an "L" shape. You could glue them together with epoxy if you don't solder.

The brass pitot tube is attached to the wing, screwing it to a small plywood tab glued to a wing-rib. You can use a plastic model or internet images for guidance on where the tab should be placed. If you want a more precise location use a 3-view drawing.



TLAR - That Looks About Right - is my preferred method.

- **Emphasize Panel Lines** – Many of the scale ARFs have panel lines drawn on the covering, this tip will create depth by "shadowing" the panel line. You will need an airbrush, masking tape, patience and a steady hand. Acrylic craft paints work great for electric or gas applications. Glow powered aircraft will need a fuel-proof clearcoat. I mix flat black with a little brown approximately 5:1 ratio for the shading.



Where to shade? You could do all panel lines, however I would recommend just doing a few of the main ones to start. With horizontal lines shadow the lower side of the panel line. For vertical line or lines parallel to the wing spar, tail side should be shadowed.

Setup your airbrush to spray an area 1/4"-1/2" wide. Apply masking tape above, or in front, of the panel line so that the edge is on the line and the tape is protecting the area you don't want paint. Start by spraying the tape then work towards the edge. Just a light spray is all you want, not a solid colour.

Before spraying your plane practice on paper, have a cloth with rubbing alcohol ready to remove the paint is you don't like the effect or make a mistake. Experiment to get the effect you like.

A dark camouflage scheme may need heavier shading, a white or light coloured aircraft would have very subtle shading.

It's not an exact science practice to get the effect that suits your personal taste.

### INTERMEDIATE

If you really want to add some more detail to make your model stand-out, here are some other projects you can work on.

- **Instrument Panel** – Amazingly accurate scale aircraft instrument panels are available from a few sources online. The cost runs from \$150 to \$300 depending on scale aircraft etc. Since the Spitfire is an ARF and not a plane intended for serious competition, a more economical sport-scale option was used.

The first step is to find a photo or drawing of the panel and



reproduce it to the right scale for your project. There is a lot of information available for popular aircraft like the Mustang, Spitfire, Corsair, Cessnas or Pipers.

The holes for the gauges are made using various sized hole punches. You may have access to a plethora of punches if you have a friend or spouse active with scrapbooking or card making. Punches of many sizes and shapes are available at craft stores.

Start by cutting out the shape of the instrument panel from black paper. Then punch all the holes needed for the instruments. If you don't have the punches you could use a sharp x-acto knife, however the results are usually poor when done this way.

The next step is to glue clear plastic to the back the instrument panel with Weldbond (CAs will fog up the clear plastic). For most applications .020 plastic is good, however other thicknesses would work too. You now have a panel with bezels, time to add instruments.

If you have sourced a photo of an actual instrument panel from the full scale, print it on glossy paper and glue it to the back of the panel, take care to line-up the photo with the holes in the panel. The clear plastic layer should be between the black paper & image of instruments. Cut a former from 1/16" sheet balsa, shaped to fit the panel, and to fit in your model. Glue the panel to the balsa.

You can add more detail if you wish, switches, sights etc can be made using various bits of balsa, toothpicks, pins or servo wheels. A sewing straight pin can make a convincing throttle lever with just a dab of paint.

Once finished, the panel can be glued into your aircraft.

- **Cockpit** – Adding a full(or partial) cockpit to an ARF requires some careful planning and a lot of patience.

You need to determine if there is room available inside the fuse to accommodate a cockpit. Perhaps you can relocate a servo or battery to make room. You also must ensure you don't compromise the structural integrity of the fuselage. For example the Hg Spitfire has 1/2"x 3/4" longerons that run the full length of the fuse. To add the small cockpit door of Spitfire would mean cutting them, which would compromise the strength of the fuse.

For the Spitfire, I removed the 3/32 balsa shelf where you would normally glue the pilot bust. This provided access to the inside of the fuse by creating an opening under the canopy area, it is best to make these changes before gluing the canopy to the fuse.

Paint the interior of the fuse (cockpit), for the spitfire 'cockpit green' was used, but depending on your subject you may want choose a different colour. Craft or Tamiya paints can be used, you'll probably need to brush on 2-3 coats to cover the balsa. Using a primer may reduce the number of coats needed.

Once dry begin adding the detail. ✈

*To Be Continued (in the next issue)*



## CONTAINING LIPO FIRES



*This is a 5S 3300 mAh lipo battery pack that failed while it was being charged. Fortunately this one was caught before it caused any major damage to the house.*

**Darren Wiens - 79825**

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October 2017 is a month that I will remember for a long time. That is the month that friend of mine almost lost his house due to a battery failure while it was being charged. That event caused me, and a number of our mutual friends, to rethink what we do when it comes to the care and feeding of our batteries.

The lithium polymer batteries that we use in our model aircraft on a regular basis have great potential for our aircraft to fly longer, faster and better than anything that we've ever used but that same potential can also increase the possibility for catastrophe. It reminded us that we can't just take that potential for disaster lightly.

I decided to do some research into what we can do to keep us and our possessions safe from a fire due to the failure of a LiPo battery. First of all, I want to thank David Gray from Progressive RC. He helped me out

greatly and was incredibly helpful with all of the questions that I had.

The vast majority of all LiPo failures are due to damage somewhere in the battery pack.. It is entirely possible that you may not

see any damage externally on the battery pack and yet it will have sustained enough internal damage for things to fail.

### INTERNAL RESISTANCE

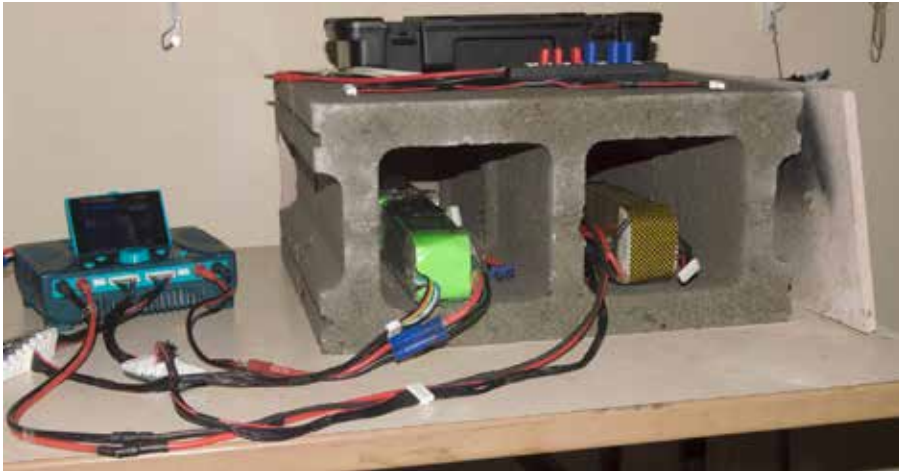
One of the main indicators of the health of a battery is the internal resistance. Knowing the IR of the whole pack, as well as each individual cell, is a great way to understand the pack's health.

The first thing that was recommended to me was to check the IR of each battery pack and cell before using it. The IR of each individual cell should be similar across all the cells of the pack. If one is quite a bit higher than another, then that cell can start to heat up and cause a thermal runaway. Having one cell with a higher IR is usually your first indication that something is wrong and can then tell you if it's safe to use or not.



*This fire was started by a small 3S lipo that would not normally be considered dangerous.*





An inexpensive battery bunker built out of bricks with cement boards front and back to hopefully contain a failed Lipo.

### WHAT HAPPENS

LiPo batteries don't really catch on fire or explode. They go into a thermal runaway that causes an extremely vigorous chemical reaction. When that happens, the temperatures can get so high that no fire extinguisher will ever stop it. In fact a lipo fire creates its own oxygen so the fire can even happen while immersed in water. Your best bet is to keep a fire extinguisher handy to make sure that nothing around the battery can burn and let the battery burn itself out.

### THINGS TO REMEMBER

Probably the most important thing to remember when charging batteries is to NEVER leave them unattended. Keep them close. My friend, the guy who burnt up his basement, was the type of person who I thought would never have a fire. He was the kind of guy who tried to always make sure he was there while he charged his batteries. As what happens too often though, he got distracted, left the batteries on the charger unattended and that was enough. It only takes once.

### A FEW OTHER TIPS.

When charging, use a LiPo safe bag or place the battery on a non-flammable and non-conductive surface. While I know many people use them successfully, I don't recommend using metal ammo boxes. Being electrically conductive, it's possible for a battery to short out and fail because it was placed inside them. While that ammo box may contain the fire, why put the battery inside something that can also be a contributor to a failure?

LiPo bags, while not perfect, can slow down the spread of a fire and give you time to get the battery away from anything flammable. Stone, some tiles, concrete blocks, high temperature bricks are all things that can keep a battery separate from anything flammable and keep the failure contained. Although be careful what objects you choose. I know that some high temperature items, like Pyrex, can't handle the temperatures of a LiPo battery pack during a thermal runaway.

Charging all your batteries at the field can also keep them away from many other flammable things that are normally in a house, just don't charge them in or on your vehicle.

One of the biggest things with battery safety really involves common sense. You don't need to do anything complicated or dramatic when dealing with batteries. As long as you keep a watchful eye on them, treat them with care, and don't abuse them at all, there is no reason for them to not give you many safe and fun flights. ✈



This is a charging station that was built out of an old unused parts washers for automotive parts. It's been lined with gyproc to try and keep an failed lipos contained.

## Time for a Coffee?

Wilf Hill - 21387

This incident occurred over a year ago, but quite frankly I was too embarrassed to mention it even to my flying buddies of the Kingston radio Control modellers.

It was a Wednesday morning of our clubs training evening. I wanted to get out to the field early; to get in some personal flying in before the students started arriving. As usually happens to plans of men and mice, I had forgotten to re-charge my flight batteries after my last flying session. 'No problem,' I thought, 'I will just charge them in the garage.'

I put three on charge and decided that I would have enough time for a cup of coffee. After drinking my coffee and reading a few E-mails I decided to go and check on the batteries. This is the sight that met my eyes when I entered the garage.



Luckily for me, the only damage to the garage was heavy smoke damage to the second floor insulation of my shop and to my wife's favourite outdoor Christmas decorations. I can't say the same for my battery charging station.

The station consisted of three li-po chargers, a thirty amp DC supply and all of my three cell batteries.

What did I learn?

Never leave any batteries on charge unless I am present, and I now charge the batteries inside of a sealed li-po charging bag. I never found out what initially caused the fire as there was nothing left. ✈

# SPACE MODELLING 2017 CAN-AM CUP

Peter Cook - 82140

Committee Chair

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The 2017 CanAm Space Modelling competition was held July 28-30, 2017 in Muskegon, Michigan. This was a FAI sanctioned World Cup competition. The contest was run by the South West Michigan Association of Space Modelling Hobbyists Model Rocket Club and Muskegon Michigan Area Rocketry sections of the National Association of Rocketry. Mike Nowak was the Contest Director.

A six person team represented Canada with at least one Canadian in each event. The meet started Friday evening with the technical inspection and registration of models and motors. Saturday saw the first rounds of S3A, S4A, S6A and S9A from 7:00 AM to 4:30 PM. The events were flown in alternating order so the next event was always a different one.

On Sunday we flew Round three of S3A, S4A, S6A and S9A from 7:00 AM until 12:30 PM. On this day, the time for each of these rounds was reduced to 45 minutes in length. We also flew Rounds 1-3 of S2/P from 8:30 AM until 1:00 PM, and Rounds 1-4 of S8E/P from 1:30 PM until 4:30 PM. A fifth S8E/P fly off round was held afterwards to decide the event winner.

The weather during the meet was good with the best thermal activity in early afternoons. Wind direction was at times a problem as models drifted into less desirable recovery areas — water filled ditches and pools. The wind direction was towards a nearby line of trees on Saturday. The bad thing with trees is they block the timer's view of our models and they must stop timing when models go out of sight. Many valuable tens of seconds of flight time were lost even though the models were still aloft.

## S3A PARACHUTE DURATION

Models are timed while aloft suspended under a parachute. This is a "free flight" duration event with a "max" time of 300 seconds. Three flight rounds are allowed, with the total time of the three flights deciding your score. Our chutes were fabricated from 1/4 mil aluminized mylar. They are very light - a 600 mm chute weighs about 3 grams!

Chutes from 500 to 1000+ mm diameters were used. As you would expect, the larger the parachute, the slower the descent of the model and a better chance of 'maxing' the time aloft. Small chutes were used in Round 1 to ensure recovery of your model as you are limited to two models to fly in three rounds. Losing



*A successfully deployed S3A 1 metre diameter parachute. A large number of shroud lines are used to form the parachute canopy into a high drag sphere. The carrier model is suspended horizontally to create even more descent drag. The aluminized mylar reflects the sun to aid spotting the model in flight.*

a model in Round 2 or 3 is not a problem.

Getting your parachute to fully deploy at the proper moment is critical in this event. Your flight can be disqualified if the chute does not widen when ejected from the model. Ideally, the chute should be ejected when the model has coasted to a stop at its peak altitude. What seems simple, is in fact tricky as the lack of air movement cannot "pop open" the chute due to the cling in the mylar fabric. Even little corners in the mylar folds or frays in the shroud lines can hang up the deployment. Eject the chute too soon or too late, and the speed of the model may cause the chute to shred or break a few shroud lines. These damages mean a certain flight disqualification.

With each round lasting 1 hour (3/4 hour in Day 2), there was not much time to prep, fly and recover your model before the next round starts. In this event, models can especially drift a long way down range. A quick recovery and return to the launch site to get ready for your next flight can be a physical challenge.

Lucy Prato was a great help as she stationed herself down range to direct us by radio to where our models landed and/or recovered them for us.

In Round 1, the parachute in Saverio's model deployed nicely from the model but did not unfurl probably due to the cling in the mylar chute. His flight was disqualified. He adjusted his chute packing steps and had perfect chute deployments for Rounds 2-3.

In Round 2, the parachute in Peter's model partially unfurled too but luckily just enough to be qualified. With a partial chute, flight time was lost, but the shorter time aloft meant that model did not drift too far and was quickly recovered affording more time to get ready for the next event. The lower time probably cost him a chance at second place.

After two days, the Senior results were:

### S3A - 16 competitors

Winning Score - 900 seconds (3 Maxes) - USA

Peter Cook 3rd Place - 625 seconds (246+130+249)

Saverio Prato 13th Place - 354 seconds (0+148+206)

## S4A ROCKET GLIDER DURATION

This is a "free flight" duration event with a "max" time of 180 seconds. Three flight rounds are allowed, with the total time of the flights deciding your score. For flights to be qualified, models must be launched to fly vertically and then transition into a stable, reasonably shallow glide. This requires the models to have variable geometry surfaces which can optimize both the high speed ballistic and slow glide flight phases.

We flew scissor winged models wherein the wing of the model is folded and rotated 90



*Saverio's S4A model in glide mode with its wing deployed from its folded boost position. This model has a wingspan of about 600 mm. The bulge at the nose of the model is the rocket engine pod. Models weigh less than 30 grams in glide trim.*

degrees during boost to reduce aerodynamic drag. The wing is automatically released a few seconds after engine burnout to rotate and produce lift for the model to glide. The deployment has to work perfectly - no rotation, no glide, no points as your model is disqualified. This problem plagued us in the past, but not during any of our flights — signs of success.

In the end, our biggest problem was poor model glide trim with models stalling or turning too tightly. No matter how many times a model is trimmed properly after hand launching, they seem to behave ever so differently once aloft. Peter's model was re-trimmed to fix its poor Round 1 glide, resulting in a near "max" in Round 2.

After two days, both Saverio and Peter had three qualified flights each. The Senior results were:

#### S4A - 11 Competitors

Winning Score - 417 seconds - USA

Peter Cook 2nd Place - 335 seconds (48+178+111)

Saverio Prato 6th Place -174 seconds (65+65+44)

### S6A STREAMER DURATION

This is a "free flight" duration event with a "max" time of 180 seconds. Three flight rounds are allowed, with the total time of the flights deciding your score. Models must deploy a streamer recovery device of at least 10:1 length to width ratio. In the 1980s, the "hot" material to use was tracing paper. Today the streamer material of choice is thin aluminized mylar film. Just as in the 80's, streamers are given accordion like folds which create air turbulence causing the streamer to rapidly flap when deployed. This flapping creates additional aerodynamic drag and longer times aloft. Model fuselages must be built very, very light in weight. They are well under 20 grams in weight without an engine.

The big challenge with this event is detecting and flying into thermals in order to 'max' the flight time. This is a skill we need to master as our models otherwise performed well.

After two days, both Saverio and Peter had three qualified flights each. The Senior results were:

#### S6A - 17 Competitors

Winning Score - 346 seconds - USA

Peter Cook 7th Place 236 seconds (73+57+106)

Saverio Prato 11 Place 184 seconds (55+59+70)

### S9A GYROCOPTER DURATION

This is a "free flight" duration event with a "max" time of 180 seconds. Three flight rounds are allowed, with the total time of all three flights deciding your score. Models must deploy an auto-rotating device that slows the descent of the model. To prevent shredding and reduce aerodynamic drag, these devices are folded-up and packed inside the model body during the launch. T

Similar to the S3A issue, if the model is not moving fast enough when the gyrocopter is deployed, the air flowing over the blades is moving too slowly



A S9A gyrocopter after it has been ejected but attached to the carrier model. The three blades turn rapidly at 2+ rotations per second. Each blade typically consists of two hinged half span sections which unfurl in flight.

to create the lift force needed to induce auto-rotation. As in the S3A event, if the model is moving too fast when the gyrocopter section is deployed, the air drag will shred the blades or snap the hinges.

We had no deployment failures with the gyrocopters. All spun up very nicely. Saverio and Peter each attained a "max" during a flight.

After two days, both Saverio and Peter had three qualified flights each. The Senior results were:

#### S9A - 15 Competitors

Winning Score - 467 seconds - USA

Saverio Prato 4th Place 333 seconds (180 +78+75)

Peter Cook 5th Place 331 seconds (79+180 + 72)

### S8E/P RADIO CONTROLLED ROCKET GLIDER DURATION AND PRECISION LANDING

This is a radio controlled event where the model is launched vertically and then piloted to remain aloft for exactly 360 seconds and then landed safely on a designated ground target. A formula is used to compute points based on the model's duration and landing distance error. Deviations from the duration and landing targets result in the loss of points.

Contestants compete in different groups for each round. The winner in each group receives 1000 points. Others receive points based on their performance compared to the winner of their group. Points are summed after four rounds with the top five contestants moving on to a fifth round to decide final standings.

Kevin did very well in Rounds 1 and 2. He was second in points in Round 2. His points dropped in Rounds 3-4 due a combination of his slightly heavy model and lack of good thermals. Kevin just missed getting into the fifth round fly-offs by 10 points!

Richard had a technical failure and his model was out of the competition in Round 3.

The Senior results were:

#### S8E/P - 8 Competitors

Winning Score - 4933 Points - USA

Kevin McLeod 5th Place 3277 Points (914+977+612+774)

Richard Duczmal 8th Place 931 Points (475+456+0)

### S2/P PRECISION FRAGILE PAYLOAD

This event is a set altitude and duration event in which models must fly to an altitude of exactly 300 metres and remain aloft for 60 seconds while "safely" flying and landing a fragile astronaut (Grade "A" Hens Egg) undamaged. Three flights are required. Returning the "astronaut" damaged after any flight, results in a disqualification from the event. A parachute is used to ensure a safe and predictable timed descent.

Models are usually designed via software to "fly" to 300 metres and descend in 60 seconds. Once built, they are then flown and modified (e.g. increase/decrease weight, drag) to actually meet the



Liftoff of Kevin McLeod's S8E/P model. The contest rules grant only limited radio control of the boost trajectory - just enough to keep it relatively vertical. Too shallow a trajectory and you are disqualified! A 40 N-s "E" class engine will boost the model to 200 metres in altitude.



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Email: [blairnowkins@atwork.ca](mailto:blairnowkins@atwork.ca)



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## Spring Fun Fly

The Kamloops Model Airplane Society will be hosting its annual May Spring Fun Fly

**May 25 - May 27, 2018**

Start Time 9:00 AM each day. Pilot meeting 10:00 AM each day.

Come and join us for a weekend of flying on our paved and grass runways and then continue on to the Grinrod Air Force Spring Float Fly at Sandy Point Campground in Salmon Arm, BC.

Dry camping is available, please contact Rob or Christine at 250-554-6912 to reserve a spot or send an email to [rcdover@shaw.ca](mailto:rcdover@shaw.ca)

Free Swap Meet on Saturday. Contact Greg at [gshneider@gmail.com](mailto:gshneider@gmail.com)

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**Hope to see you there!**

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The disassembled payload section of Taras' S2/P model. The components from left to right are: nose cone, altimeters (up to three) and storage compartments, egg "astronaut" and foam protection sleeves, base of payload compartment. The elastic cord keeps the payload and carrier model sections attached during parachute descent.

targets. Some adjustments are also made just before flight to compensate for air temperature, and humidity. Beyond complying with normal safety rules, entrants are free to use their own creativity in the design and dimensions of their models. "E" Class engines are typically used as models are large and heavy - the egg payload weighs just over 60 grams, for example.

Altitudes are measured via an electronic altimeter carried onboard the model. These measurements are downloaded after each flight onto a field computer to extract maximum altitude and flight duration results. A formula is used to calculate the flight points based on these measurements. The scoring algorithm penalizes deviations in duration by a factor of 3 compared to deviations in altitude.

Taras was able to "dial in" his model's performance over his three flights getting very close to 0 points after his third and final flight.

The Senior results were:

#### **S2/P - 9 Competitors**

Winning Score - 27 Points - USA

Taras Tataryn 7th Place 173 Points (88+65+20)

### **SUMMARY**

With the 2017 CanAm Cup now over, we prepared for the 2017 Capital Cup scheduled to be held 16-17 September in Manassas, Virginia USA. This contest would be the first time that two FAI sanctioned Space Modelling World Cups would be held in North America in the same year. ✈



Team Canada Members: From left to right - Richard Duczmal, Saverio Prato, Lucy Prato, Kevin McLeod, Peter Cook, Taras Tataryn. Lucy helped with model spotting and recovery. Taras also served on the Contest Jury when not competing.



Blast-off of Taras Tataryn's S2/P model during a pre-contest test flight. A long launch rod ensures a straight and vertical boost.

## FIRST PERSON VIEW

**Calvin Martini | 40498**

Committee Chair

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If you enjoy speed, the sensation of flying and the excitement of racing, then you really should check out FPV drone racing. Nothing allows for the combination of these sensations in a very safe and affordable way like FPV drone racing does.

The number of FPV drone racing pilots is exploding because this form of racing is so accessible and, with the low cost of entry, extremely sophisticated flight control systems and availability of realistic software simulators, it is possible to become a fast, highly skilled pilot in a matter of weeks. This style of racing involves manoeuvring aircraft through gates at very fast speeds in fun competition with other pilots. These are high-performance race drones, not the garden variety.

At the higher levels, there is league racing and national and international championships and the top pilots are regarded as heroes and win prizes and

sponsorships. Large crowds of spectators frequent the championship races which are often broadcast on the internet and sometimes, network television. Even if you just want to hold races at your club with friends, you can have a lot of fun.

This year, the outdoor racing season promises to be action packed and intense. At the national level, FPV Canada will hold Eastern and Western regional qualifiers in July and August, leading up to its national championship race in the fall. The MultiGP League is also expected to have a Canadian Nationals racing series with regional qualifiers.

In British Columbia, the West Coast Drone Racing League hasn't stopped racing all though the winter and has an action packed outdoor season race line-up. In Ontario and Quebec, drone club and league racing is extremely active and is producing some of the best pilots in the world. At the time of this writing in April, the Ottawa FPV Riders held their MultiGP Game of Thrones event with Joe Scully of FPV Events announcing. These are but a few examples and there are many more.

In November, the 2018 FAI FPV World Drone Racing Championships will be held in Shenzhen, China, and the Canadian Federation for Drone Racing, MAAC, and other sponsors are helping send a world class team of three top Canadian pilots to compete. Ryan Stephan is the Team Manager and organizer and MAAC's FAI Committee is supporting this initiative.

### SAFETY GUIDELINES

In other news, MAAC has been actively updating safety documents to focus on its core mission, so please be sure to reference the current documents. This means that there is much less reference to external regulatory materials, but that doesn't mean the regulations don't apply, just that our documents are focusing on personal responsibility.

Please be sure to check local, provincial and national regulations and fly responsibly. Reflecting acceptance in integration of FPV, the MAAC Safety Code changes also shifted away from FPV-specific requirements to rely on common principles based on sound judgement and risk management. ✈

## VOL PAR IMMERSION

**Calvin Martini - 40498**

Chef de Comité

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Si vous aimez la vitesse, la sensation de pilotage et l'excitation de vous adonner à la course, vous devriez lorgner du côté de la course de drones par vol par immersion (First Person View ou FPV en anglais). Rien d'autre ne peut vous offrir cela à coût modique et, ce faisant, de façon très sécuritaire.

Le nombre de pilotes de course explose parce que cette forme de concours est si accessible et, de concerta avec les frais plus abordables lorsqu'on y fait son entrée, il est possible de devenir un pilote doué en l'espace de quelques semaines grâce à des systèmes de vol très sophistiqués et à des simulateurs de vol réalistes. Ce type de course implique que l'on manœuvre des aéronefs à travers les obstacles à vitesse élevée en se mesurant aux autres pilotes

tout en s'amusant. Ce sont des drones de haute performance, pas les plus monotones.

Si on vise plus haut, des ligues ont été créées afin de s'adonner à la course afin de décrocher les honneurs nationaux et internationaux; les meilleurs pilotes sont perçus comme étant des héros et ils peuvent remporter des prix et des commandites. Les foules sont nombreuses lors de ces courses de calibre relevé, courses qui sont souvent diffusées en ligne et même parfois à la télévision. Même si vous ne cherchez qu'à disputer des courses au sein de votre club en compagnie de vos amis, vous pouvez éprouver beaucoup de plaisir.

Cette année, la saison extérieure de course promet de l'action et de l'intensité. À l'échelon national, FPV Canada organisera des épreuves de qualification dans l'Est et dans l'Ouest en juillet et août, de sorte à préparer tout le monde à sa course pour le championnat, à l'automne. La MultiGP League devrait aussi présenter une série de courses sur le circuit canadien, précédée

d'épreuves régionales de qualification.

En Colombie-Britannique, la West Coast Drone Racing League n'a pas ralenti ses activités au cours de l'hiver et elle prépare une saison extérieure qui ne manquera pas de piquant. En Ontario et au Québec, la course chez les clubs et au sein de ligues va très bon train et toute cette activité génère quelques-uns des meilleurs pilotes au monde. Au moment d'écrire ces lignes en avril, les Ottawa FPV Riders ont organisé leur concours MultiGP Game of Thrones (Joe Scully, de FPV Events, faisait la narration au micro). Ce ne sont là que quelques exemples et plusieurs autres s'en viennent.

En novembre, le championnat 2018 FPV World Drone Racing Championships se déroulera à Shenzhen (Chine); la Canadian Federation for Drone Racing, le MAAC et d'autres commanditaires collaborent à envoyer une équipe de trois pilotes de calibre mondial afin d'y livrer combat.

*suite à la page 92*

# MULTI-ROTOR

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Committee Chair

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## PILOT OR CONTROL?

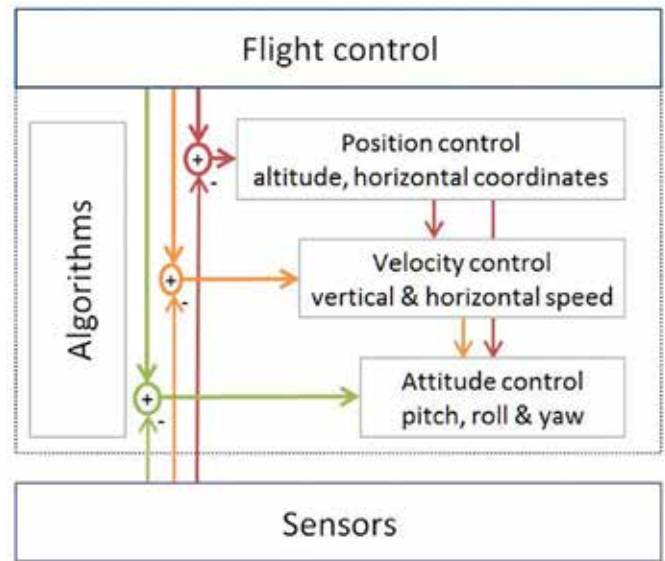
In recent years, and especially since the arrival of the multi-rotor (drones) in the world of remote-controlled models (RC), the RC hobby becomes more and more accessible to everyone. In fact, flying ability becomes less and less necessary to fly our aircraft.

Like full-size aircraft, piloting assistance is becoming more and more sophisticated, and it is very common for some large aircraft to make landings in a fully automatic mode. In addition, the vast majority of flights are made with fully engaged autopilot.

Back at our scale, the development of flight controller technology and stabilizers is in full swing. Stabilized flights with or without GPS assistance are now possible with impressive accuracy. This is because we have now more efficient inertial sensors, embedded sonar, and infra-red sensors that provide data to real-time image analysis systems, and more.

These systems make our models more 'autonomous' and by definition, it requires less pilot skill. The dexterity we had to sharpen to pilot is gradually changing to the need to better understand these electronic systems and their limitations. Interfaces also continually change and we see more and more devices controlled by smart phones or tablets than by traditional controllers.

We give instructions, and our orders are processed and interpreted. It is no longer necessary to have basic concepts on



flying, just a need to understand the software, interface and programs will do the rest.

We are slowly experiencing this same phenomenon with our actual cars. Brake assist, speed control, blind spot detector and lane assist systems are more and more present. In two or three years, 'pilots' of drones will wonder how we managed to control our models with controllers NAZA or NAZE32 without GPS and compass...

We can answer easily with 'we were real pilots!' ✈

# MULTIROTORS

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Chef de Comité

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## PILOTER OU CONTRÔLER ?

Depuis quelques années et surtout depuis l'arrivée des multi-rotors (drones) au sein des maquettes téléguidées (RC), le passe-temps devient de plus en plus accessible.

En fait, l'aptitude de pilotage devient de moins en moins nécessaire afin de faire voler nos appareils. À l'image des appareils à l'échelle réelle, l'assistance au pilotage est rendue de plus en plus sophistiquée; il n'est pas rare de voir certains gros-porteurs exécuter des atterrissages en mode complètement automatique. De plus, la grande majorité des vols long-courriers sont réalisés avec le pilote automatique.

Reprenons notre échelle. Le développement de la technologie des contrôleurs de vol et des stabilisateurs

est en pleine effervescence. Les vols stabilisés avec ou sans assistance GPS sont maintenant possibles avec une impressionnante précision. Le tout est rendu possible grâce à de nouveaux capteurs inertiels plus performants, des capteurs sonars et infrarouges embarqués, des systèmes d'analyse d'image en temps réel, etc.

Ces systèmes rendent nos appareils plus «autonomes» et par définition, ils nécessitent moins de «pilotage». La dextérité que nous devons aiguïser afin de «piloter» se transforme graduellement en nécessité de mieux comprendre ces systèmes électroniques et leurs limites. Les interfaces changent aussi; on voit de plus en plus des appareils contrôlés par des téléphones intelligents ou des tablettes que par des émetteurs traditionnels.

Nous donnons des instructions et nos commandes sont traitées et interprétées. Il n'est plus nécessaire de posséder des

notions élémentaires sur le pilotage; il suffit de bien savoir comprendre le logiciel ou l'interface. Les systèmes électroniques et programmes feront le reste.

Nous vivons lentement ce même phénomène avec nos voitures. L'assistance au freinage, le contrôle de la vitesse, l'avertisseur de changement de voie et d'angle mort sont de plus en plus présents.

Dans deux ou trois ans, des «pilotes» de drones vont se demander comment on faisait pour piloter nos appareils avec des contrôleurs NAZA ou NAZE32 sans GPS et compas? On pourra répondre que nous étions de vrais pilotes. ✈

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## Gamma Ray Kit

- All Laser Cut Wooden Parts
- Tab and Notch construction for quick and accurate assembly
- 3-D Cad design for precision part fit



Wingspan: 16.9 · Wing Area: 183.5sq in · Weight: 8oz

ALE102 — Gamma Ray Laser Cut Kit 3-Ch



## Tempest Kit

- All Laser Cut Wooden Parts
- Tab and Notch construction for quick and accurate assembly
- 3-D Cad design for precision part fit



Wingspan: 37in · Wing Area: 224.7sq in · Weight: 8oz

ALE103 — Tempest Laser Cut Kit 3-Ch



## Gadget Biplane

- All Laser Cut Wooden Parts
- Tab and Notch construction for quick and accurate assembly
- 3-D Cad design for precision part fit



Wingspan: 28.33in · Wing Area: 231.8in<sup>2</sup> · Weight: 8oz

ALE104 — Gadget Biplane Laser Cut Kit 3-Ch



## Blinker Kit

- All Laser Cut Wooden Parts
- Tab and Notch construction for quick and accurate assembly
- 3-D Cad design for precision part fit



Wingspan: 35.3 · Wing Area: 227.2sq in · Weight: 8oz

ALE105 — Blinker Laser Cut Kit 3-Ch



## GeeBee Sportster Kit

- All Laser Cut Wooden Parts
- Tab and Notch construction for quick and accurate assembly
- 3-D Cad design for precision part fit
- 2 Full Size Computer drawn plans



Wingspan: 36in · Wing Area: 222.5sq in · Weight: 1.6oz

ALE301 — Gee Bee Sportster 36" Laser Cut Kit



## Tiny Whoov Kit

- Foam/plastic construction
- Works on surfaces like carpet!
- Uses electronics from Blade Inductrix
- Simple assembly



FTSBK510B — FT Tiny Whoov WR Foamboard



## FT Dart Foam Kit

- Designed for dual micro brushless motors
- Differential thrust for yaw
- Water resistant foam construction



See [greathobbies.com](http://greathobbies.com) for specs

FTSBK520B — FT Dart Kit WR Foamboard



## Tiny Long-EZ Foam Kit

- Water resistant foam construction
- Pusher propeller design
- Assembles with simple tools and hot glue



See [greathobbies.com](http://greathobbies.com) for specs

FTSBK530B — FT Tiny Long EZ Kit WR Foamboard



## Free Flight Piper Cub Kit

- Clean, laser cut parts
- 5" Plastic propeller
- FAI Rubber
- Vacuum formed parts



Wingspan: 17.5in · Length: 11.25in · Height: 4in

DUM202 — Piper Cub Coupe 17.5"



## Free Flight Tiger Moth Kit

- Clean, laser cut parts
- 5" Plastic propeller
- FAI Rubber
- Vacuum formed parts
- Full size plans



Wingspan: 17.5in · Length: 14in · Height: 4.75in

DUM208 — Tiger Moth 17.5"



## Free Flight Spirit of St Louis Kit

- Clean, laser cut parts
- 5" Plastic propeller
- FAI Rubber
- Vacuum formed parts



Wingspan: 17.5in · Length: 11.5in · Height: 3.8in

DUM209 — Spirit Of St Louis 17.5"



## Free Flight Fokker E111

- Nearly 70 laser cut parts!
- Hand-selected balsa
- Color peel and stick decals
- 5-inch plastic propeller included
- Full size plans



Wingspan: 17.5in

DUM222 — Fokker E111



## Free Flight Kittyhawk

- Color Peel & Stick Decals
- 6 inch Plastic Propeller
- Full Size Plan
- F.A.I. Tan Sport Rubber
- Step by Step Instructions
- Vacuum Molded Parts
- Light Weight Colored Tissue.



Wingspan: 17.5in

DUM235 — P-40 Kittyhawk 18" Wingspan Walnut Kit



## Free Flight L-19 Bird Dog

- Color Peel & Stick Decals
- 6 inch Plastic Propeller
- Full Size Plan
- F.A.I. Tan Sport Rubber
- Step by Step Instructions
- Vacuum Molded Parts
- Light Weight Colored Tissue.



Wingspan: 17.5in

DUM236 — L-19 Bird Dog 18" Wingspan Walnut Kit



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- Hardware; push-rods, control horns, landing gear wire, and wheels
- Full size detail sheet including trim templates



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aeromodel

Wingspan: 24in · Wing Area: 100sq in · Weight: 2.25oz

SAKACE100 — Ace (100) Laser-Cut Kit

## Pacemaker 100 Kit

- Hand selected AAA balsa
- Precision laser-cut parts
- Hardware; push-rods, control horns, landing gear wire, and wheels



stevens™  
aeromodel

Wingspan: 27.25in · Weight: 2oz · Radio Req.: 3+ch

SAKPMKR100 — Pacemaker 100 Nostalgic RC Old Timer

## Aqua Star Kit

- Step by step building instructions
- Quality hardware pack
- Colorful peel and stick markings
- 3-D CAD design with computer drawn plans



Hobby  
Engineering  
Corporation  
EAGLE

Wingspan: 40.5in · Wing Area: 245sq in · Weight: 19oz

HRRK502 — Aqua Star Seaplane 40" RC 049/061

## SportyRC Trainer Kit

- Basic trainer teaches building and assembly skills
- Tab & Notch construction
- Laser cut parts
- Stable and predictable flight



stevens™  
aeromodel

Wingspan: 37in · Weight: 14oz · Radio Req.: 3+ch

SAKBBMFK003 — SportyRC Laser-Cut Kit

## Piper J-3 Cub Kit

- High quality Balsa wood
- Step by step building instructions
- Computer drawn plans
- 3D CAD design
- Quality hardware pack
- Propeller and wheels included



Hobby  
Engineering  
Corporation  
EAGLE

Wingspan: 35.75in · Wing Area: 179sq in · Weight: 9oz

HRRK302 — Piper J-3 Cub Kit Speed 280

HRRK509 — Mini Float Kit - 36"-50"

## Star-Cruiser Kit

- Step by step building instructions
- Quality hardware pack
- Colorful peel and stick markings
- Steerable nose gear
- Easy-access fuel tank hatch



Hobby  
Engineering  
Corporation  
EAGLE

Wingspan: 42in · Weight: 17oz · Radio: 2 to 3-Ch

HRRK503 — Star-Cruiser Trainer 049/06

## SquareOne Kit

- Laser-cut parts package
- Strip wood stock
- Comprehensive hardware package
- Full size plans and construction article.



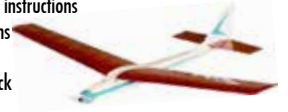
stevens™  
aeromodel

Wingspan: 60in · Wing Area: 350sq in · Radio Req.: 3+ch

SAKBBMFK008 — SquareOne Laser-Cut Kit

## Rally-XP Kit

- High quality balsa wood
- Step by step building instructions
- Computer drawn plans
- 3D CAD design
- Quality hardware pack
- Propeller included



Hobby  
Engineering  
Corporation  
EAGLE

Wingspan: 48.25in · Wing Area: 247.6sq in · Weight: 9oz

HRRK303 — Rally-XP Kit for Speed 280

## Piper Cherokee Kit

- Step by step building instructions
- Quality hardware pack
- Colorful peel and stick markings
- Crystal clear molded canopy
- Steerable nose gear



Hobby  
Engineering  
Corporation  
EAGLE

Wingspan: 42in · Weight: 19oz · Radio: 3-Channel

HRRK504 — Piper Cherokee 42" 049/061

## Building a Great Hobby

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Spend \$25 on CA Glue

Spend \$100 on aircraft covering

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L'un des bénéfices des émetteurs modernes, c'est de pouvoir communiquer entre eux et de pouvoir offrir une formation d'élève-pilote sans fil. Les boîtes-écoles (buddy boxes) traditionnelles liées par un câble ne sont plus nécessaires!

On peut se sentir un peu dépassé en essayant de configurer ces systèmes de formation. Andrew Prodanuk, de la Kamloops Model Airplane Society, a préparé ce guide rapide pour appareils Spektrum.

## CONFIGURATION DE FORMATION SANS FIL

### Préparation

1. Assurez-vous que l'émetteur principal (master) est doté de la capacité de formation sans fil. Ce n'est pas nécessaire que l'émetteur secondaire (slave) possède cette même caractéristique, mais il faut qu'il soit compatible aux Spektrum DSM2 ou DSMX.

2. Décidez quel sera l'émetteur principal et quel sera l'émetteur secondaire.

3. Importez la configuration de modèle d'avion de l'émetteur secondaire à un nouveau modèle sur l'émetteur principal (si disponible).

4. Si aucun modèle d'avion n'est disponible sur l'émetteur secondaire, créez-en un sur l'émetteur principal.

### Appairage de l'émetteur principal

5. Appairez (binding) l'émetteur principal à la maquette de formation que vous entendez utiliser de la façon conventionnelle.

6. Remove bind plug from the airplane. Retirez la prise d'appairage (binding plug) de l'avion.

7. Retirez la batterie de l'avion.

8. Mettez l'émetteur principal à «off».

9. Faites un test de portée (range test) ainsi qu'une vérification prévol sur l'émetteur principal.

10. Exécutez un bref vol à l'aide de l'émetteur principal afin de vous assurer que la maquette a été convenablement configurée et ajustée.

11. Retirez la batterie de la maquette servant à la formation et mettez l'émetteur principal à «off».

Configuration de l'émetteur secondaire  
12. Mettez l'émetteur secondaire à «on» et ajoutez un profil vierge de modèle dans celui-ci; donnez-lui un nom (tel «wireless trainer») de sorte à ne pas confondre cette programmation avec celle de l'une de vos maquettes actuelles. C'est toute la configuration dont vous aurez besoin sur l'émetteur de formation pour votre maquette.

13. Mettez l'émetteur secondaire à «off».

14. Mettez l'émetteur principal à «on».

15. Branchez une batterie dans la maquette (l'avion) de formation.

16. Vérifiez les gouvernes de l'appareil à l'aide de l'émetteur principal.

17. Actionnez la fonction de coupe des gaz («throttle cut») sur l'émetteur principal.

18. À l'aide du menu Function List, rendez-vous à la fonction configuration du système («system set-up»)

19. Dites OUI au désamorçage RF («Disable RF»)

20. Choisissez le mode «formation» («trainer») dans le menu de configuration du système.

21. Choisissez «avion de formation sans fil» («wireless trainer») dans le menu de formation.

22. Choisissez la fonction «raccordement pilote principal» («pilot link master») dans le menu de formation sans fil.

23. Assurez-vous que l'interrupteur est placé à «switch 1» (bouton d'appairage) ou à tout autre interrupteur à deux positions que vous voulez... si vous ne voulez pas tenir un bouton lors du vol de formation.

24. Aussi, assurez-vous d'avoir positionné la fonction «master override» à «inhibit» (amoindrir).

25. Parcourez votre menu jusqu'à «BIND» (appairage) et cliquez dessus.

26. Maintenant, mettez votre émetteur secondaire à «on» pendant que vous tenez le bouton d'appairage («bind button»). Cela appairera votre émetteur secondaire au principal.

27. Une fois que votre émetteur principal affiche «bind complete» (appairage réussi) et «operating DSMX» (DSMX en fonction) sur l'écran, vous aurez alors complété la configuration sans fil, l'émetteur secondaire étant relié à l'émetteur principal et ce dernier dorénavant connecté à la maquette de formation.

28. Actionnez le bouton BACK (recul) à deux reprises sur l'émetteur principal afin de revenir à votre écran de départ.

29. Maintenant, retenez le bouton d'appairage 1 («bind button 1») sur l'émetteur principal et assurez-vous que les gouvernes de la maquette de formation répondent aux impulsions des manettes sur l'émetteur secondaire.

30. Autre étape que vous devez accomplir : assurez-vous que la déflexion des gouvernes est la même, que vous utilisiez l'émetteur principal ou secondaire. Vous pourrez procéder à des ajustements grâce au menu de configuration des servos («servo set-up menu»).

31. Vous êtes maintenant prêt à essayer l'instruction sans fil. Si l'utilisateur de l'émetteur principal presse et maintient sa pression sur le bouton d'appairage, l'émetteur secondaire est en contrôle et si vous relâchez le bouton d'appairage, l'utilisateur de l'émetteur principal sera alors en contrôle.

32. Et voilà! Allez hop, allez parfaire la formation de votre élève! ✈

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# RADIO SPECTRUM

Mark Betuzzi - 26605L

Committee Chair  
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Among the benefits of today's radios is their ability to communicate with each other and allow for wireless training set-ups. No longer do 'buddy boxes' need to be tied together by a cable!

Setting up the wireless trainer systems can be a bit daunting so Andrew Prodaniuk of the Kamloops Model Airplane Society put together this 'quick guide' to help get through the process with a Spektrum radio.



*This is what the wireless training screen of a Spektrum radio should look like when it is configured. / Voici ce dont devrait avoir l'air l'écran d'un émetteur Spektrum en mode formation sans fil, une fois configuré.*

## SET-UP OF WIRELESS TRAINER

### Preparation

1. Ensure that the master radio has wireless Trainer capability. It is not necessary for the slave radio to have wireless trainer capability, only to be Spektrum DSM2 or DSMX compatible.
2. Decide which radio will be used as master and which one will be used as slave.
3. Import the airplane model set-up from the slave radio into a new model on the master, if available.
4. If no model is available on the slave radio, create a new model on the master.

### Binding The Master

5. Bind the master radio to the trainer plane that you are going to be buddy boxing with in the conventional manner.
6. Remove bind plug from the airplane.
7. Remove the battery from the airplane.
8. Switch off the master radio.
9. Perform a range test and pre-flight check on the master radio,
10. Have a quick flight using the master radio to ensure the airplane is properly set up and trimmed.
11. Remove the battery from the trainer plane and switch off the master radio

### Setting Up The 'Slave'

12. Switch on slave radio and add a new blank model on the slave radio and give it a model name such as "Wireless Trainer"

so as to not mix it up with existing airplane models. That's all the configuration that is needed for the trainer radio as far as the model goes.

13. Switch off the slave radio.
14. Switch on the master radio.
15. Hook up a battery in the trainer airplane
16. Perform a control surface check of the trainer plane using the master radio
17. Switch on 'throttle cut' on the master radio
18. Go into the 'system setup' from the Function List Menu
19. Say YES to RF being disabled
20. Choose 'trainer' from the system set-up menu
21. Choose 'wireless trainer' from the trainer menu
22. Choose 'pilot link master' from the wireless trainer menu
23. Ensure the switch is set to 'switch I' (bind button) or any other two-position switch that you desire if you don't want to hold down a button while training.
24. Also, ensure that 'master override' is set to 'inhibit'
25. Scroll over to the word 'BIND' and click on it
26. Now switch on your slave radio while holding down the bind button. This will cause your slave radio to bind to the master radio

27. Once your master radio says 'bind complete' and 'operating DSMX' on the screen, you have now completed the wireless set-up with the slave radio connected to the master radio, and the master radio connected to the trainer plane.

28. Hit the BACK button twice on the master radio to come back to the opening screen.

29. Now, hold the bind button I on the master radio and ensure that control surfaces on the trainer plane respond to the stick movements of the slave radio.

30. One other thing that needs to be done is to ensure that control surfaces move the same distance whether you are using the Master or the Slave Radio. This can be adjusted in the Servo Set-up menu.

31. You are now ready to do wireless buddy-boxing. If the master radio holds down the bind button, the Slave Radio has control, and if the bind button is released, then the master radio has control.

32. Now, go train your student! ✨

## CONTROL LINE

**Chris Brownhill - 3797L**

Committee Chair

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An airplane is really nothing more than a hard agreement made with the laws of physics. It is a black and white proposition and when that bargain with physics is broken, it punishes all the flyers on board with death or serious injury, or in our case, a repair job to be undertaken at our leisure... once the mind has adjusted to the trauma of losing a favourite airplane, to whatever cause made it crash.

The good news is that most anything can be repaired after it is broken. Today's instant glues have eased the task of realignment, and repairing the jigsaw-like damage to sometimes just a few hours!

As most modern glues are stronger than the surrounding wood they are supposed to hold, repairs can be made with a minimum of splicing. Replacement pieces can then be grafted in at will with short time loss due to that fact that today's glues, for the most part, are fast drying.

When attacking a repair, I first always lay out a damaged airplane into something that approximates its original form, and start by repairing the portion of the airplane first that is most key to providing critical alignment. Wings are tricky to fix sometimes, so I start at the centre section (if it is damaged), and work out from there to the wing tip. Once you have the basic outline of it back together, the rest of the repair goes fairly quickly as you just have to fill in the blanks left by broken ribs.

If the model contains Styrofoam parts, make sure that your glues will not dissolve



*A new version of a GM Trainer, designed by talented C/L scale builder Glenn McEachern. The model was built by Len Bourel, with LA .25 OS engine./ Une nouvelle version du GM Trainer, qu'a dessiné le talentueux Glenn McEachern. Len Bourel a construit cet exemplaire et la motorisation sera un OS LA .25.*

them. White glue, foam safe cyano-acrylate, and some other solvent-type glues are O.K. with foam. But try them on a sample piece first to assure compatibility.

Also, if you are trying instant glues for the first time, read the instructions carefully. They are not made for use by children, and require respect to avoid unwanted bonding to skin, possible allergic reactions, or eye damage.

Check fit and alignment before any final cementing of parts to make sure you haven't induced any warps that would cause problems with performance. Also, recheck thrust lines and incidence angles to be sure that everything will be the same as when

the model was originally built.

Test fly repaired models carefully, and in the case of Control Line models, give the model a good pull test to insure that the control system is still capable of carrying the centrifugal forces generated when the model is in flight.

Also, strive hard to add the minimum amount of weight to the model during the repair. Try not to overdo any unnecessary reinforcing of spars, and leading edges.

The laws of physics are unyielding purveyors of truth to be sure, but if they weren't there, we might as well take up soccer, rather than launch airplanes into the fickle air!

## VOL CIRCULAIRE

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Un avion, ce n'est rien de plus qu'une entente ardue entre les lois de la physique. C'est noir et blanc : lorsque ce marché avec la physique est rompu, il punit tous les passagers à bord par la mort ou de sérieuses

blessures ou – dans notre cas – des travaux de réparation auxquels nous nous livrerons par temps libre... une fois que nous nous sommes faits à l'idée que nous venons de perdre un avion préféré en raison d'une anomalie qui a causé l'écrasement.

Les bonnes nouvelles, c'est que ce que nous brisons peut se réparer. Les colles instantanées modernes ont facilité le réalignement et les réparations qui

ressemblent à un casse-tête... et cela, parfois en seulement quelques heures!

Puisque la plupart des colles modernes sont plus résistantes que le bois environnant, nous pouvons procéder à nos réparations avec très peu d'épissures (splicing). Les pièces de rechange peuvent être installées en perdant peu de temps; ces colles sèchent rapidement.

*suite à la page 91*

# CONTROL LINE PRECISION AEROBATICS

**John McFayden - 14681L**

Committee Chair

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This month we feature some words from Gordon Van Tighem in Yellowknife N.W.T.

Gordon writes:

“Control line flying in the Great White North, while not idyllic, can certainly be a unique experience. After almost 30 years off, I am working to rebuild an identifiable stunt pattern and rebuilding my fleet.

“The majority of my flying is done in Edmonton and once a year in Tucson for VSC. At home, Yellowknife is located in a semi-arid environ making large sandy areas available for flying. Our outdoor season is about five months long ranging from cool weather to lots of insects for company. On the flip side, we do have a long building season and there is developing interest in indoor flying.

“Our local hobby shop moved on a few years back, but remoteness is one good excuse for on-line shopping and hoarding. Great Hobbies can get it here in about a week (and we are adaptable). Over the years, modelling activity has fluctuated, but recent efforts point to a resurgence in modelling activity and anyone locally interested, please give me a call.

“On my building board, I have been building a Pat Johnston designed Ringmaster 576. I power this model with an LA .46. The model features 576 square inches of wing area, a 52-inch span and small Beringer-style flaps.”

Thanks Gordon for this update on CLPA activities in Yellowknife.

## CONTEST SEASON

Finally, contest season is right around the corner and of course, there is a World Championships in Landres, France in July. You can follow along with the action at the official World Championships site <http://www.f2cmbl.org/index.php/fr/wc2018//>.



Gordon Van Tighem at the Prairie Fire contest in Edmonton with some of his fleet including the Shoestring 45 from PDK, a highly modified Goldberg Shoestring featuring a 53" wingspan with 630 square inches of wing area. / Gordon Van Tighem lors du concours Prairie Fire d'Edmonton en compagnie d'une partie de ses appareils, dont le Shoestring 45 (de PDK), un Shoestring de Goldberg lourdement modifié (envergure de 53 pouces et 630 pouces carrés de surface alaire).

## COLUMN SUBMISSIONS

Please feel free to follow Gordon's example and submit material for inclusion in a future Control Line Precision Aerobatics column. ✈

# VOL CIRCULAIRE ACROBATIQUE

**John McFayden - 14681L**

Chef de Comité

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Ce mois-ci, nous offrons un compte-rendu de Gordon Van Tighem de Yellowknife (Territoires du Nord-Ouest). Il nous rapporte :

«Le vol circulaire n'est pas tout à fait idyllique dans le Grand Nord, mais c'est une expérience unique. Après une pause de presque 30 ans, je m'affaire à reconstruire une maquette de vol acrobatique crédible et je reconstitue ma flotte d'avions.

«La majeure partie de mes vols s'effectue

à Edmonton et une fois par année, à Tucson (Arizona) à l'occasion du rassemblement VSC. Chez moi, Yellowknife se situe en un environnement semi-aride où se trouvent des endroits sablonneux à partir d'où on peut voler. Notre saison de vol extérieur s'étend sur cinq mois et varie d'un temps frais à une météo agrémentée par bien des insectes qui vous tiendront compagnie. En revanche, nous jouissons d'une longue saison de construction et l'intérêt grimpe pour le vol intérieur.

«Notre magasin de passe-temps a fermé ses portes depuis un moment, si bien que notre isolement constitue une bonne excuse de se tourner vers le magasinage en

ligne. Great Hobbies peut nous expédier des colis en une semaine (nous nous adaptons). Au fil des années, l'activité d'aéromodélisme a fluctué mais j'assiste à un regain d'intérêt pour l'aéromodélisme. Si l'aventure vous intéresse, appelez-moi.

«Sur mon établi, je prépare un Ringmaster 576 (un design de Pat Johnston). La motorisation sera un LA .46. Surface alaire de 576 pouces carrés, envergure de 52 pouces. Cette maquette est aussi dotée de volets de type Beringer.»

Merci Gordon de cette mise à jour sur les activités de la CLPA à Yellowknife.

*suite à la page 56*

## FREE FLIGHT INDOOR

**John Marett - 651L**

Committee Chair

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This year, we reach the 30th anniversary of the Free Flight Indoor Committee. It was granted at the AGM in 1988 and our goal was to establish a basis for new Canadian records by accepting the AMA rulebook with minor modifications in order to promote more participation and over-the-border competition. Thanks to efforts by MAAC, the Canadian Indoor Nationals were reborn that year and the Indoor word has since been spread through this column by five different chairmen.

Although I served for the first four years, I felt it very important to get others involved as chairmen as well, and I wish to honor them here. Bill Henderson, who loved scale models, especially pre-1912, took over for 1992 but due to work commitments in Asia gave up the position in 1993 to Barry Taylor, from Winnipeg. The next summer, Barry directed the only Indoor Nationals flown outside of Ontario.

I came back as Chairman for '94 to '96, and managed to get the Air Canada 75' hangar for our Indoor Nats for three years, starting in 1995.

When Bill took over again in '97, he directed our best attended Indoor Nationals

at the hangar where Larry Coslick from the U.S. flew two F1D flights over 40 minutes. Bill stayed on until 2002, passing the torch to Fred Tellier, a talented FAI flyer, who twice had 32-minute F1D flights in our 21' school gym in Markham. Fred served eight years and represented Canada four times in F1D World Championships.

In 2010, Vladimir Linardic assumed the post of Chairman. Vlad came to us as a junior in the early '90s with the wish of becoming an F1D flyer, a goal which he achieved early on, and in 2000, he was a member on the Canadian F1D team. Unfortunately, with Vlad residing in Europe, it was necessary for me to again assume the post in 2013.

It is now time for me to step aside for another new Chairman, Dmytro Silin, while expressing my gratitude to those who have served us so well in the past. My sincere thanks for jobs well done go to Bill Henderson, Barry Taylor, Fred Tellier, and Vladimir Linardic. Their contributions will live on for many years to come.

I think it is significant that all of our chairmen, including Dmytro, have set Canadian Indoor records that have yet to be surpassed. Competition is in our blood, and the reason to be a member of MAAC.

Our best wishes for the future go to Dmytro Silin, who has been mentioned many times in this column with reference

to his ongoing quest to restore our F1D presence in the world. I know he has the contacts and expertise to do the job.

He will, however, need input from those of you who fly other classes, especially scale or for fun, so make sure your group keeps in contact, as I plan to do.

One important final note: There is concern that once again, the importance of competition, especially at the world level, may be in question. Let us be reminded that MAAC was founded by competition flyers in 1949, and it seemed to have a profound effect on local contests with our largest, the Eaton's Contest finished in 1951.

I reluctantly joined MAAC in 1953 specifically to fly the Canadian Nationals and although it became very beneficial to me with the invite to the Plymouth Internationals in Detroit, the loss of contest opportunities was obvious. I dropped out of competition at the end of 1953, and took up fishing.

When I rejoined in 1984, once again it was for competition, this time for Indoor rubber, and experience has convinced me that we should be promoting the building of stick and tissue models at the junior level as the Americans did with their Science Olympiad Program in schools. Brett Sanborn, a product of this program, recently set a world record and could possibly be the next World Champion. ✈

## VOL LIBRE INTÉRIEUR

**John Marett - 651L**

Chef de Comité

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Cette année, nous fêtons les 30 ans du Comité de vol libre intérieur. Sa création a été autorisée lors de l'Assemblée générale annuelle de 1988 et notre objectif, c'était de préparer le terrain pour les records canadiens qui seraient établis en acceptant de nous conformer – avec modifications – au livret des règlements de l'AMA américaine afin de mousser la participation et la compétition outre-frontière. Grâce aux efforts du MAAC, les Épreuves canadiennes Indoor Nationals ont repris cette année-là et cinq présidents de comité ont depuis

propagé la bonne parole.

Bien que j'aie servi au cours des quatre premières années, je croyais qu'il était important que d'autres personnes assurent la présidence et je veux les honorer ici. Bill Henderson, qui adorait les copies volantes, surtout d'avant 1912, a pris la relève en 1992 mais en raison de contraintes professionnelles en Asie, il a cédé son poste à Barry Taylor (de Winnipeg) en 1993. L'été d'ensuite, Barry a dirigé les seules Épreuves nationales à avoir été disputées à l'extérieur de l'Ontario.

J'ai effectué un retour à la présidence du Comité de 1994 à 1996 et j'ai réussi à obtenir le hangar (plafond de 75 pieds) d'Air Canada à l'occasion de trois éditions des NATS, à compter de 1995.

Lorsque Bill a pris la relève une fois de plus en 1997, il a coordonné nos meilleures épreuves nationales au hangar, l'endroit même où l'Américain Larry Coslick a réalisé deux vols de plus de 40 minutes en F1D. Bill a monté la garde au comité jusqu'en 2002, pour ensuite passer le flambeau à Fred Tellier, un modéliste de FAI talentueux qui a réalisé deux chronos de 32 minutes (en F1D) dans notre gymnase (plafond de 21 pieds) à Markham (Ontario). Fred a œuvré pendant huit ans et a représenté le Canada à quatre reprises lors du Championnat mondial de F1D.

En 2010, Vladimir Linardic a pris la relève. Il était un modéliste junior dans les années 1990 et espérait devenir modéliste

*suite à la page 71*

## SAM / FREE FLIGHT

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Committee Chair

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This month I have a quick run down of the events coming up at Barron Field in Wawayanda, NY.

### HATCHECK INTERNATIONAL CHALLENGE

May 19-20, 2018

#### America's Cup, National cup

Saturday: F1B, F1C, F1S; 10 AM start, 5 rounds; B and C first and fifth round with a 4 minute max+; 7 PM flyoffs.

Sunday: F1A, F1G, F1H, F1J, F1Q; 8 AM start, 5 rounds; A's first and fifth round with a 4 minute max+; Flyoffs with a 1 minute DT. (DT's time exceeding 1 minute is deducted from the flight.)

#### AMA, NFFS, SAM Events

P-30, HLG, Catapult glider, E-36, Electric B, Mulvihill, Dawn Unlimited (Sunday 6:45 AM\*) Classic towline, 1/2 A - AB Gas combined, Pee Wee 30, 1/4A Nostalgia- o2o

Replica Combined.

These events can be flown on either day, but must be completed on the same day.

\$ 25 Entry fee covers all events. Awards to 3rd

Alan Abriss CD. Contact Dave Acton (cell) 914 393 7491, daveActon@hotmail.com

### FLYING ACES AT BARRON FIELD

May 19,20, 2018, official flying 9-5 each day.

CD's :Vic Nippert: vicnippert@aol.com,

845-382-1967

Matt King, enemyace49@yahoo.com,

845-518-2740

Saturday: FAC Rubber Scale \*, FAC Peanut Scale \*, Hi Start Scale Gliders \*\*, Simple Scale, Golden Age Multi Wing, Jet Catapult, 2 Bit+i, Jimmy Allen

Mass Launches: Thompson Trophy, WW 1, Low Wing Military Trainers

Albany Flyer Saturday : pre-1930 rubber scale model airplanes to commemorate Glenn

Curtiss' flight from Albany to Statue of Liberty. Launch from Albany, closest to

Statue of Liberty downwind wins. 3 official attempts each model.

Sunday:FAC Rubber Scale \*, FAC Peanut Scale \*, Golden Age mono wing, Dime scale, Modern Civil, Embryo, Old Time Rubber Fuselage

Mass Launches: Greve Trophy, WW2, Goodyear Racers, Flying Horde \*\*\*

Notes on events: \*FAC Rubber and Peanut may be flown either day but you must put in all official flights in one day.

\*\*Hi Start Scale Gliders will be flown using 50 feet of 1/16 rubber and 150 feet of towline . Supplied by CD. \*\*\*Flying Horde will be flown at the end of flying on Sunday. Open to all scale rubber models that did not place in the regular events.

Entry Fee will be \$15. (\$5 for the contest costs- \$10 for field use fee )

### GETTING THERE

Directions to the field : Go to the Skyscrapers website for excellent directions to the field and motels in the vicinity. It also has field wind strength and expected meteorological conditions. ✈

## SAM/VOL LIBRE

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Chef de Comité

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Ce mois-ci, je vous offre un sommaire des événements qui s'en viennent à Barron Field à Wawayanda (état de New York).

(N.D.L.R. : Étant donné le vocabulaire consacré en anglais, les catégories de maquettes ne sont pas traduites.)

### HATCHECK INTERNATIONAL CHALLENGE

19-20 mai 2018

#### America's Cup, National Cup

Samedi : F1B, F1C, F1S; début à 10 h pour 5 rondes; groupes B and C procéderont aux première et cinquième rondes avec vol max de 4 minutes et plus; épreuves fly-off à 19 h.

Dimanche : catégories F1A, F1G, F1H, F1J, F1Q; début à 8 h pour 5 rondes; groupe A en première et cinquième rondes avec vol max de 4 minutes et plus; épreuves fly-off

avec DT de 1 minute (les chrono DT qui dépassent la minute seront déduits du vol)

#### Épreuves AMA, NFFS, SAM

Catégories P-30, HLG, Catapult glider, E-36, Electric B, Mulvihill, Dawn Unlimited (dianche à 6h45 \*) Classic towline, 1/2 A - AB Gas combined, Pee Wee 30, 1/4A Nostalgia- o2o Replica Combined. Ces épreuves pourraient être disputées un jour ou l'autre mais doivent être complétées en cette même journée.

Le prix d'inscription (25 \$) englobe toutes les épreuves. Des prix seront remis aux détenteurs de la première à la troisième place.

Le directeur de concours est Alan Abriss. Vous pouvez communiquer avec Dave Acton par cellulaire au 914.393.7491 ou par courriel au daveActon@hotmail.com.

### FLYING ACES AU TERRAIN BARRON

19 et 20 mai 2018: les vols officiels auront lieu entre 9 et 17 h au cours des deux jours.

Directeurs de concours :Vic Nippert: vicnippert@aol.com, 845-382-1967

Matt King, enemyace49@yahoo.com, 845-518-2740

Samedi : FAC Rubber Scale \*, FAC Peanut Scale \*, Hi Start Scale Gliders \*\*, Simple Scale, Golden Age Multi Wing, Jet Catapult, 2 Bit+i, Jimmy Allen

Lancers de masse : Thompson Trophy, WW 1, Avions militaires de formation (ailes basses)

Samedi Albany Flyer : Maquettes copies volantes (pré-1930) à propulsion élastique afin de commémorer le vol de Glenn Curtiss d'Albany à la Statue de la liberté. Lancer depuis Albany et la maquette qui atterrit le plus près de la statue, sous le vent, gagne. Chaque maquette aura droit à trois tentatives officielles.

Dimanche : FAC Rubber Scale \*, FAC Peanut Scale \*, Golden Age mono wing (monoplans de l'âge d'or), Dime scale, Modern Civil, Embryo, Old Time Rubber Fuselage (maquettes antique à propulsion élastique, fuselage)

Lancers de masse : Greve Trophy, WW2,

*suite à la page 55*

# MAQUETTES RC ÉLECTRIQUES

Mark Betuzzi - 26605L

Chef de Comité

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## PRISES D'ARMEMENT

Lorsque vous possédez des maquettes électriques, une prise d'armement (arming plug) est une façon très sécuritaire d'alimenter votre avion ou hélicoptère. Essentiellement, lorsque vous retirez la prise, vous interrompez l'alimentation à la maquette, ce qui évitera les démarrages accidentels. En pratique, vous ne devriez insérer la prise que lorsque vous êtes prêt à effectuer un vol.

Comme c'est le cas pour de nombreux produits au sein de ce passe-temps, vous retrouverez plusieurs versions de ce dispositif.

J'ai bien aimé convertir tous mes avions à la motorisation électrique. Dans la plupart, j'ai recours aux contrôleurs de vitesse Castle Creations. Après un vol, je peux télécharger les données du contrôleur afin d'y lire le voltage, le courant, la température, les tours-minute et la puissance utilisée. Celles-ci me permettent de m'assurer que les moteurs que j'utilise n'ont pas à fournir de puissance excessive et qu'ils s'en tiennent aux spécifications prévues. Cela me permet aussi d'expérimenter afin de trouver la bonne batterie et de faire le bon choix d'hélice.

Les contrôleurs Castle Creations utilisent aussi une prise d'armement qui empêchent la motorisation jusqu'à ce que la goupille (dotée d'un drapeau vert) soit retirée de sa douille (socket). J'ai vu des installations sur lesquelles une prise d'armement est utilisée – une seule pour tout le système – suivie d'une goupille de Castle pour le moteur.

## BATTERIES AU LITHIUM

La manipulation des batteries au lithium est un autre sujet dont j'aimerais vous entretenir.

Toutes les batteries de polymère de lithium (LiPo) devraient être entreposées dans un contenant à l'épreuve du feu (sachet conçu à cet effet, contenant, coffre-fort, etc.) lorsque vous les transportez ou chargez.

Si vous rechargez de telles batteries à l'intérieur, ne les laissez jamais sans surveillance et installez un détecteur de



*This airplane uses both arming plug for the battery to power up everything on the airplane except the motor and an arming pin from Castle Creations arming pin (green flag.) This allows you to do all your range checks and all systems are working on the airplane before any power is applied to the motor. / Cette maquette d'avion utilise tant une prise d'armement sur la batterie afin d'alimenter tout l'appareil sauf le moteur ainsi qu'une goupille d'armement (munie d'un drapeau vert) de Castle Creations. Cela vous permet de procéder à tous vos tests de portée (range checks) et de vous assurer que tous les systèmes sont fonctionnels avant même d'appliquer de la puissance au moteur.*

fumée à proximité. Si vous ne pensez pas que c'est important, jetez un coup d'œil à des vidéos youtube et vous comprendrez.

Avoir recours à une LiPo en guise d'alimentation pour votre démarreur, cela ne fait pas encore l'unanimité.

Sentez-vous bien à l'aise d'envoyer un courriel à n'importe quel membre du Comité de maquettes électriques si vous avez un article à contribuer dans les pages de Model Aviation Canada. ✈



# RC ELECTRIC

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## ARMING PLUGS

With electric-powered model airplanes, an arming plug is a very safe way to power on your airplane or helicopter. Essentially, removing the plug will disrupt the power to the model, avoiding any accidental engine starts. In practice, you would leave the arming plug out until you are ready to go flying.

As with most aspects of our hobby, there are several versions of this safety device.

I've enjoyed converting all my airplanes to electric power. With most of the airplanes I fly, I use Castle Creations electronic speed controllers. At the end of the day, I can download the data from the speed controller, which provides me with voltage, current, temperatures, RPMs, and power output. This data helps me ensure the motors are not using excessive power and fall within the specifications. It also allows me to experiment to find the right battery and make correct propeller choices.

The Castle Creations speed controllers also use an arming pin that prevents power to the motor until the pin, on a green flag, is removed from its socket. I've seen installations that use a dual arming plug, one for the entire system, backed up by the Castle pin for the motor.



*This arming plug uses commonly available power pole connectors. / Cette prise d'armement utilise des connecteurs colonnettes d'alimentation (power pole connectors) communément disponibles.*

## LITHIUM BATTERIES

The handling of lithium batteries is another item I would like to touch on.

All lithium polymer batteries should be in a fireproof container (fire safe bag, fireproof container, fireproof safe, etc.) when storing, transporting, or charging.

If charging indoors, never leave the batteries unattended and install a smoke

detector in close proximity to your charging equipment. Just take a look at the youtube videos to see why this is so important.

The jury is still out on whether it's safe to use a Li-Po battery as a power source for your engine starter.

Please feel free to e-mail any of the Electric R/C Committee members with any articles you would like to see in Model Aviation Canada. ✈

## Hélicoptères RC *suite de la page 53*

Goodyear Racers, Flying Horde \*\*\*

Remarques sur les épreuves : \*

Les épreuves FAC Rubber et Peanut pourront être disputées une journée ou l'autre mais les vols officiels doivent être inscrits en une seule journée. \*\* Les planeurs copies volantes lancées à l'aide du Hi Start devront utiliser un dispositif qui consiste de 50 pieds de caoutchouc et d'un filin de 150 pieds. Le directeur de concours fournira ce dispositif.

\*\*\* L'évènement Flying Horde aura lieu à la fin de la séance de vol, le dimanche. Invitation à toutes les maquettes à propulsion élastique

dont les modélistes n'ont pas réussi à se classer dans l'une des épreuves régulières.

Frais d'inscription de 15 \$. (De cette somme, 5 \$ iront aux coûts du concours, 10 \$ serviront à payer l'utilisation du terrain de vol.)

## COMMENT S'Y RENDRE

Directions vers le terrain : Rendez-vous au site Web du Club Skyscrapers pour y lire d'excellentes directions vers le terrain et quels sont les motels dans les environs. On y trouve aussi la puissance du vent et les conditions météo. ✈

# Model Aviation

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Paul Neely - 73841

Chef de Comité

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Je jetais un coup d'œil au site Web et je me suis aperçu que plusieurs rassemblements d'hydravions (Float Flies) figurent déjà au calendrier des événements. Ce sont d'excellentes nouvelles. Plusieurs groupes se rencontrent tout bonnement afin de faire évoluer leurs maquettes à partir de l'eau. Le groupe dont je fais partie tentera encore cette année de se rencontrer en alternance le jeudi soir, si la météo coopère.

Cela dit, si vous voulez tenter le pilotage d'une maquette d'hydravion et que vous ne savez pas où trouver un groupe d'adeptes, communiquez avec votre directeur de zone et il pourra vous aider. Si vous vous dirigez vers un Float-fly ou que vous en organisez un, prenez des photos et envoyez-moi en et je tenterai de les faire publier dans Model Aviation Canada. Merci.

Norseman

Darren Gauthier assemble artisanalement un Norseman et il m'a envoyé le compte-rendu suivant. Bel avion... Bravo Darren!

«Vous ne verrez pas beaucoup de Norsemans lors de Float-flies et à ce que je sache, aucun fabricant n'en a fabriqué une maquette presque prête à voler (ARF). Il y a plusieurs années, j'avais un kit d'Unionville et comme j'aime beaucoup les lignes de cet appareil, j'ai décidé d'en construire un autre. J'ai eu la présence d'esprit de tracer les pièces prédécoupées à l'époque et ces dessins m'ont servis lors de ce projet.

«La maquette du fabricant Unionville volait bien mais j'avais toujours souhaité qu'elle soit un peu plus grande. J'ai repris les plans et mes formes tracées et je les ai agrandis de 22 % ; cela donnerait une maquette à l'échelle 1/6. Ce serait une échelle à la Unionville... pas superbement détaillée, mais toutefois agréable à piloter.

«Cet appareil sera mû par un moteur à essence et à quatre temps NGH de 30 c.c., du moins pour commencer et au besoin, je pourrais passer à un plus gros moteur.

«Je trouve que les avions paraissent toujours mieux lorsque trois couleurs (ou plus) leur sont appliquées. J'entends



Darren Gauthier's 1/6 scale scratch built Norseman nearing completion. / Le Norseman à l'échelle 1/6 de construction artisanale de Darren Gauthier est presque terminé.

préparer celui-ci en livrée d'Austin Airways.

«Si vous n'avez pas tenté l'expérience de la construction artisanale, il se pourrait que vous aimiez ça. Débutez avec un kit relativement facile (Cub de Goldberg, Cub de Sig, etc.) et cela vous donnera une idée sur la façon dont les maquettes sont construites. En le temps de le dire, vous

serez en train de construire une maquette seulement à l'aide de plans. Le beau côté de construire votre maquette, c'est de choisir de reproduire un avion qui n'est pas aussi populaire du côté des ARF, ce qui signifie que vous aurez toujours quelque chose de différent lors des rassemblements.» ✨

## Vol circulaire acrobatique

*suite de la page 51*

### SAISON DES CONCOURS

Finalement, la saison des concours arrive à grands pas et bien sûr, le Championnat mondial se déroulera à Landres (France), en juillet prochain. Vous pourrez suivre les péripéties grâce au site Web officiel du Championnat, au <http://www.f2cdbl.org/index.php/fr/wc2018/>.

### CONTRIBUTIONS À LA CHRONIQUE

Sentez-vous bien à l'aise de suivre l'exemple de Gordon et de soumettre du matériel en prévision d'une prochaine chronique de vol circulaire acrobatique. ✨

## R/C FLOATPLANES - HYDRAVIONS RC



Darren Gauthier's Unionville Norseman basking on the beach. / Le Norseman (version Unionville) de Darren Gauthier sur la plage.

### Paul Neely - 73841

Committee Chair

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I was looking at the MAAC website and realized that there are a number of Float Flies already booked into the events calendar. This is great news. There are also a number of groups that just get together and fly off the water as well. The group I fly with is once again going to try to get together every other Thursday evening, if the weather cooperates.

With this said, if you want to float fly and don't know where a group is, just get a hold of your zone director and he will be able to help you. If you are going to a Float Fly or are running one, please take pictures and send them to me and I will try to get them in Model Aviation Canada. Thanks.

### NORSEMAN

Darren Gauthier has been scratch building a Norseman and he sent me the following report. This is one good looking plane... way to go Darren!

"You don't see many Norsemans at Float Flies and there are no ARFs that I'm aware of. I had built a Unionville kit many years ago and I do really like the lines of the plane so



The Austin Airways livery that will be used on the 1/6 scale Norseman. / La livrée d'Austin Airways qui sera reproduite sur le Norseman à l'échelle 1/6.

I decided to build another one. I was smart enough to take tracings of the pre-cut parts at that time, which came in handy for this project.

"The Unionville model flew very nicely but I always wished it was a bit bigger. So I took the plans and my tracings and blew them up 22%: that would give me a 1/6 scale aircraft. It will be "Unionville" scale, so not super detailed by any means, but fun to fly.

"It will be powered by a NGH 30cc 4-stroke gasser, to start with at least, and if needed, I will go up to a large engine.

"I find aircraft always look best with three or more colours to them. That's why this one will be finished in the Austin Airways livery.

"If you haven't tried your hand at building, you may enjoy it. Start with a fairly easy kit (Goldberg Cub, Sig Cub etc.) and this will give you an idea of how models are built and before you know it, you'll be building a scratch model from plans. The nice thing about building your own is you can always choose an aircraft that isn't as popular as the ARFs out there and you'll always have something different at events." ✈

## R/C GIANT SCALE



*Mall shows are a great way to showcase our hobby. My ¼ scale Waco drew some good attention recently. / Les expositions dans les centres commerciaux sont une merveilleuse façon de mettre en vedette notre passe-temps. Mon Waco à l'échelle ¼ a récemment attiré l'attention.*

### Paul Chitty - 41698

Committee Chair

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### CHANGES ON THE WAY

By the time you read this, the AGM will be over and we will have a new name for our Special Interest Group. The 'Giant Scale' name suggested that the group was just a scale interest group which is not strictly true. An airplane doesn't need to be a scale model, just a big airplane that meets the criteria. So you guys with the giant Ugly Sticks and other big sport planes, get signed up and join the fray!

The new name will simply be the Large Model group; nothing else will change, so don't panic. I will still be looking for input from the field on subjects of interest to large

airplane modellers. The Committee will take on a new look also. I will be turning to an advisory group for advice, who will not necessarily be committee members but will have vast experience and a good grounding in Large Model building and operating.

Our group doesn't just stop at the building and flying of large models; we need input on the need for specific handling equipment like starters and tethers and other field stuff. Most importantly, we need qualified information on such things as what servos and engines and equipment is best for our SIG.

### ON THE BUILDING BOARD

I personally have been pretty busy over the winter. I have built Phoenix Models ¼ scale Waco YMF5. I haven't flown it yet because of the weather but it is a beautiful

rendition of this golden age classic. I have powered her with an NGH 70cc twin gasser, which should give it plenty of reserve power. I also built an E Flite Carbon Z two-metre T28 and man, I gave it the Rich Uravich treatment (See Model Airplane News, December edition).

The transformation from Red on White trainer scheme to Vietnam era camouflage is fantastic; it looks amazing. Again, I haven't been able to fly it yet.

Just to keep busy (I'm retired), I am in the throes of building a 101-inch Mosquito from Cleveland plans. I will give more information on all this activity as the year progresses.

Remember, if you have any interesting articles, event reports or suggestions, please contact me and let's keep this SIG going strong.

## PETITS-GROS RC

### Paul Chitty - 41698

Chef de Comité

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### DES CHANGEMENTS S'EN VIENNENT

Au moment où vous lirez ces lignes, l'Assemblée générale annuelle (A.G.A.) aura eu lieu et nous aurons hérité d'un nouveau

nom pour notre groupe d'intérêt particulier. Le nom «petits-gros» (Giant Scale en anglais) portait à croire que le groupe ne s'intéresse qu'aux copies volantes; ce n'est pas tout à fait vrai. Une maquette n'a pas besoin d'être une copie volante mais plutôt un gros appareil qui répond aux critères. Avis aux modélistes qui pilotent de gros Ugly Sticks et autres imposants aéronefs.

Inscrivez-vous et participez au plaisir!

Le nouveau nom, ce sera le groupe des grosses maquettes; rien d'autre ne changera, alors ne paniquez pas. Je rechercherai toujours des contributions de modélistes sur le terrain afin d'offrir des sujets qui sauront les intéresser. Le Comité aura aussi une nouvelle allure. Je me tournerai du

*suite à la page 92*

## R/C HELICOPTER



*Robert Zentai flies a Century Hawk even during the winter months in North Bay, Ontario. He's a member of NIPMAC and is pretty much the only RC helicopter pilot there. This just shows that snow and cold weather doesn't have to stop us from enjoying flying. / Robert Zentai pilote un Hawk (de Century) même durant l'hiver à North Bay (Ontario). Il est membre du Club NIPMAC et est probablement le seul pilote d'hélicoptère du Club. Ni la neige ni le froid ne peuvent freiner notre enthousiasme.*

### Darren Wiens - 79825

Committee Chair

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In my conversations with people over the last couple of years, I've been finding that many people don't actually know what some of the settings in their transmitters do, so for the next few articles, I thought I would go through some transmitter settings.

Exponential, or expo for short, is a very useful function that is built into most transmitters, controllers and can be used to create a more linear movement of our servos, and to give us more precise control of our aircraft.

Our servos are devices that use a rotational movement to control something that moves in a linear fashion. This means that when we move the control stick on our transmitter a certain percentage, let's use an example of 10%, then the arm of the servo may move more or less than 10% according to the position of the servo arm. Closer to centre of the travel, it will likely move a pushrod more than 10% of full travel, and closer to the ends it will likely move less than 10%.

Expo is designed to increase or decrease the movement of the servo when its position is close to centre.

Using our example of 10% movement at the stick, let's say that at center, our servo

moves 15% of its linear travel from centre. If we add the right amount of expo, then we can then have the transmitter send a signal that will move the servo arm 10%. If we add more expo, we can even get it to move the servo less than 10%.

This is where expo can be nice. If you are feeling like your heli is responding a bit quicker than you would like, then adding some expo can help slow the response in the centre of the sticks. The cool thing with expo is that it doesn't affect the maximum amount of servo throw and so, you can still get your full aerobatic performance that you may want as well. ✈

## HÉLICOPTÈRES RC

### Darren Wiens - 79825

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Lors de mes conversations auprès de certaines personnes au fil des années, je m'aperçois que plusieurs ne connaissent pas plusieurs fonctions de leur émetteur. Dans le cadre des prochaines chroniques, j'aimerais vous offrir certains tels

paramètres.

L'exponentiel (expo en raccourci) est une fonction bien pratique chez les émetteurs et contrôleurs, le temps de créer un mouvement plus linéaire des servos, ce qui nous aide à contrôler nos maquettes de façon plus précise.

Nos servos sont des dispositifs qui ont recours à un mouvement rotatif afin de contrôler quelque chose qui bouge de façon linéaire. Ceci signifie que lorsque nous

actionnons la manette sur notre émetteur d'un certain pourcentage – 10 %, par exemple – le bras de servo peut se déplacer sur plus ou moins 10 %, selon la position du bras en question. Plus près du centre du déplacement, cette impulsion déplacera probablement une tige poussoir sur plus de 10 % de sa plage de mouvement; plus près de la fin de course, ce mouvement se traduira

*suite à la page 71*

## VOL INTÉRIEUR RC



*The indoor Fun Fly venue at Toledo is a huge, FIFA-sized soccer field -- many more showed up by the end of the night. / Le lieu du Fun-fly intérieur à Toledo est un gigantesque terrain de soccer (aux dimensions de la FIFA) et plusieurs modélistes s'y sont présentés en cours de soirée.*

**Jason Uberig - 32586**

Chef de Comité

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### TOLEDO

Un groupe de membres de la zone Sud-ouest (Ontario) s'est rendu une fois de plus à Toledo, cette année. D'une année à l'autre, on remarque le déclin d'exposants et de fabricants; toutefois, c'était chouette de voir (et de prendre part à) des initiatives positives de la part des organisateurs afin d'injecter du sang neuf dans cet évènement.

J'ai eu la chance de participer aux évènements mettant en vedette le Fun-fly intérieur de soirée et de devenir concurrent à l'occasion de ma première course de drones. J'ai volé tout au long du vendredi et du samedi, j'ai appris un tas de choses au sujet du déroulement des courses et j'ai fait évoluer une maquette de course autour du parcours sans frapper trop d'objets. La meilleure partie, c'était de faire la connaissance de nouveaux pilotes et de tisser des liens avec les gens lors de ces deux activités.

Pour moi, c'était ma meilleure visite depuis cinq ans! Si vous avez la chance d'y aller l'année prochaine, participez et apportez ne serait-ce qu'une seule maquette de vol intérieur et faites comme moi : inscrivez-vous à la séance gratuite de vol intérieur, rencontrez de nouvelles personnes et faites-vous des contacts. La portion sociale est importante au sein de ce passe-temps... et cela améliore ces évènements, d'après moi.

J'ai inséré quelques photos de Toledo. Si vous voulez en savoir davantage,



*Zone Director Cato and Jim Lloyd looking stylish in their aviator head warmers. / Le directeur de zone Cato Hansen et Jim Lloyd sont coquets en portant leurs couvre-chefs de style aviateur.*

communiquez avec moi par le biais du site Web du MAAC ou sur Facebook. Ou encore, rendez-vous au site Web de Toledo : <http://toledoshow.com>.

### RASSEMBLEMENT DE LA VALLÉE

Grâce au membre Sandy McInnis de notre comité, nous vous offrons ce rapport de Jeremy Dann au sujet du rassemblement (Valley Gathering 2018) qu'organisait le club-hôte, les Wings of Wellington, le 24 mars à Kentville (Nouvelle-Écosse) :

« Le Club Wings of Wellington a présenté un autre rassemblement de la Vallée couronné de succès au Centre des loisirs Credit Union de Kentville (Nouvelle-Écosse). Quelque 33 pilotes se sont inscrits

et les spectateurs étaient nombreux.

« Un épisode d'influenza m'a confiné à la maison et j'en avais les dents serrées, tellement je voulais y participer. Toutefois, Barry Lloyd a pris d'excellentes photos tandis que Colin Mackenzie et Terry Bullerwell ont tourné de la vidéo, ce qui m'a permis de me mettre à la page des vols de la journée, la vente-échange (swap shop), les tirages de prix ainsi que la portion sociale.

« Vous pouvez visionner une vidéo de 32 minutes de Terry sur youtube, au : <https://youtu.be/OHLXlt29XEo>.

« Aaron Mason et Don MacPhee ont géré l'évènement en exhibant leur habituel sens du leadership. Merci beaucoup à Sabrina

*suite à la page 92*

## R/C INDOOR



The course setup for tiny hoops and micro-quads at Toledo. / La disposition du parcours (avec petits cerceaux) pour les microquads, à Toledo.

### Jason Uberig - 32586

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### TOLEDO

A bunch of the Southwestern Ontario zone's members made the annual trip down to the Toledo Show again this year. Year over year, it is seeing a decline in vendor/manufacture displays; however, it was great to see (and experience) some very positive initiatives on the part of the organizers to breathe new life and meaning into the event.

I was fortunate enough to take part in both the evening indoor Fun Fly events as well as my first actual drone race. I flew all day Friday and Saturday, learned a ton about how races work, and actually managed to get around the track without hitting things too much. The best part was getting to meet new pilots and make connections with people at both venues (Fun Fly and drone racing).

For me, this was the best visit to the event in five years! If you get a chance next year, join the fun, bring even one small indoor plane and hit the free indoor event, meet some people, and make connections.

The social aspect is a big part of this hobby... it really makes events so much better, from my point of view.

I'm including a couple pics from the event. If you want to know more about the event, feel free to connect with me via the MAAC site or on Facebook... or just head over to the event website at: <http://toledoshow.com>.



The race flight line in Toledo - four pilots per race each with a spotter to count/confirm laps. / La ligne de vol à Toledo pour la course - quatre pilotes par course et un observateur (caller) chacun afin de compter et de confirmer les tours de piste.

### THE VALLEY GATHERING

Thanks to committee member Sandy McInnis, we have a report from Jeremy Dann on the Valley Gathering 2018, hosted

by Wings Of Wellington on March 24th in Kentville, N.S.:

"The Wings of Wellington hosted another successful Valley Gathering in the Credit Union Recreation Center in Kentville, Nova Scotia. 33 pilots registered and there were lots of folks on hand as spectators.

"The flu kept me home and grinding my teeth wishing I was there. However, some great photos from Barry Lloyd and video by Colin Mackenzie and Terry Bullerwell helped catch up on the day's flying, swap shop, prize draw, and socializing.

"Terry's 32-minute event video can be seen on YouTube at <https://youtu.be/OHLXlt29XEo>.

"Aaron Mason and Don MacPhee managed the event with their typical excellent leadership. Many thanks To Sabrina D. for her enthusiastic ticket sales and Mark Clark and the Lions Club as always for the tables.

"The Valley Gathering marks the end of our indoor season which normally includes a three-hour flying session a week in the facility beginning in October. Special thanks

for their support go to the teams at Great Hobbies, Maritime Hobbies and Crafts, Mighty Small Cars, and MAAC, which make their organizations such a success and a benefit to us all." ✈

# ACROBATIE DE PRÉCISION RC

## Harry Ells

Chef de Comité

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## ÉPREUVES DE QUALIFICATION

Les Épreuves de qualification d'équipe de F3P ont été présentées conjointement avec le concours printanier des Northumberland Electric Aviators au Centre communautaire de Cobourg. Nous avons accueilli 14 concurrents, y compris deux jeunes. Pour l'un d'entre eux, il s'agissait de son premier concours et il a hâte de disputer son prochain.

La catégorie Klik (Sportsman) s'est avérée très populaire. Il s'agit d'une entrée en matière à la compétition, avec quelques restrictions : la maquette doit peser moins de 100 grammes et doit être dotée d'une seule hélice. C'était la meilleure participation et je crois que cette catégorie poursuivra sa croissance.

En ordre de pointage obtenu, les membres d'équipe sont James Millson, Xavier Mouraux et Pat Mackenzie.

Xavier pilotait sa nouvelle version en Depron du Wash (moteur et hélices Glavak). Il existe aussi une version en carbone et Mylar de cet avion et, bien sûr, elle est beaucoup plus légère.

## NORTH EAST OHIO ELECTRIC FESTIVAL

Je me suis aussi rendu au concours F3P lors du North East Ohio Electric Festival d'Akron (Ohio). La Stile Athletics Field House de la University of Akron est un lieu spectaculaire et si vaste qu'on croirait piloter à l'extérieur. Dans le cadre du concours F3P, nous avons piloté nos appareils du mur au fond jusqu'à la ligne des huit verges.

Au sein de la catégorie FAI, deux modélistes faisaient voler leur nouveau kit du Supertrino. Ces deux maquettes étaient dotées du moteur Contra et semblaient très bien exécuter la séquence AP-19. Donatas Pauzuolis vend ces kits, ([www.pauzuolis-rc.com](http://www.pauzuolis-rc.com)). Ce kit est offert en différentes versions, à partir de 25 euros.

Scott Brownwell se trouvait sur place avec son Supertrino. Le sien était doté de ses hélices de balsa de fabrication artisanale. Elles sont bien plus économiques à fabriquer qu'à acheter un ensemble (ce qui



Xavier Mouraux's Wash. / Le Wash de Xavier Mouraux's.

coûte plus de 100 \$). Scott a fait fabriquer ses moyeux par procédé 3D et il utilise une petite vis afin d'ajuster le pas (pitch). Cela lui permet d'ajuster finement le surplace et les tonneaux. Vous trouverez davantage de renseignements sur RC Groups : <https://www.rcgroups.com/forums/showthread.php?3059009-Making-Lightweight-Adjustable-Balsa-Props-for-F3P>.

## VOUS PASSEZ À L'EXTÉRIEUR?

Le vol intérieur est terminé pour la saison mais le printemps ne semble pas vouloir arriver de sitôt. La température ici dans le Sud ontarien est en dessous de la norme. Je crains que je n'effectuerai pas beaucoup de vols en F3A d'ici mon premier concours en mai.

## ÉPREUVES DE F3A

La Victoria Radio Control Modelers Society est heureuse d'annoncer que ses membres seront les hôtes des Épreuves canadiennes de qualification pour l'équipe F3A, de concert avec le Championnat britannico-colombien d'acrobatie de précision, les 8 et 9 septembre 2018 au terrain du Club VRCMS (Victoria). Dave Reaville (MAAC 56510) agira à titre de directeur de concours et de personne ressource. Son courriel : [dave.reaville@gmail.com](mailto:dave.reaville@gmail.com).

Les trois meilleurs pilotes (et le meilleur pilote junior) représenteront le Canada au Championnat mondial 2019, disputé en Italie.

Les règlements de concours en prévision des Épreuves d'équipe sont définis dans la section 2.1 du Radio Control Precision Aerobatics Rule Book (2016-17) ou tel que modifié en 2018. Les intéressés sont invités à soumettre leur demande par courriel au directeur de concours, en précisant leur participation aux Épreuves nommées plus haut. Les frais seront de 100 \$ (date limite d'inscription : 1er juillet 2018).

## PRÉSIDENTIE DU COMITÉ DE LA FAI

J'ai accepté un nouveau rôle au sein du MAAC. On m'a récemment nommé à titre de président du Comité de la FAI et de délégué au CIAM. Il y avait eu un peu de controverse quant à l'envoi d'un délégué au comité plénier du CIAM, cette année. Heureusement, le Conseil de direction du MAAC a récemment décidé de revenir sur sa position et ses directeurs m'envoient à titre de délégué.

D'ici ma prochaine chronique, gardez vos ailes à l'horizontale. ✨



# R/C PRECISION AEROBATICS



*The Stile Athletics Field House at the University of Akron (Ohio). / La Stile Athletics Field House à la University of Akron (Ohio).*

## Harry Ells

Committee Chair  
905.342.2128 | haryells@gmail.com

### TEAM TRIALS

The F3P Team Trials were held in conjunction with the spring Northumberland Electric Aviators F3P contest at the Cobourg Community Center. We had 14 competitors including two juniors. For one junior, it was his first contest and he is looking forward to being able to fly in his next contest.

The Clik class (Sportsman) proved to be very popular. It is an entry-level class with restrictions; the plane must not weight less than 100 grams and it may only have one propeller. This was the best turnout for this event and I believe it will continue to grow.

Our team members in order of finish are James Millson, Xavier Mouraux and Pat Mackenzie.

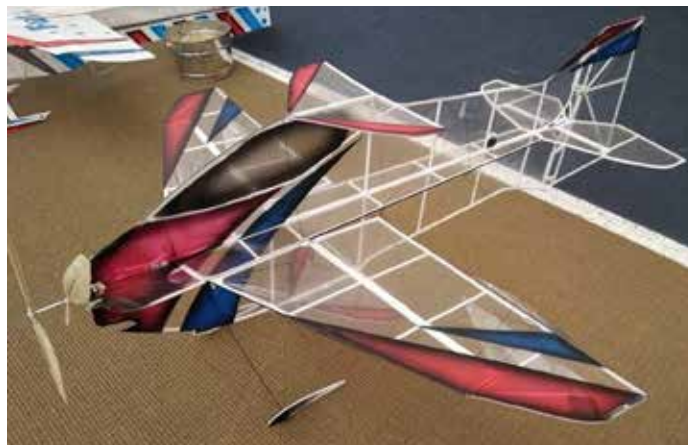
Xavier was flying his new Depron version of the Wash, with Glavak motor and props. There is also a carbon Mylar version of this plane which, of course, is much lighter.

### NORTH EAST OHIO ELECTRIC FESTIVAL

I also attended the F3P contest at the North East Ohio Electric Festival in Akron, Ohio. The Stile Athletics Field House at the University of Akron is a spectacular venue and is so large that you may as well be flying outside. For the F3P competition, we flew from the end wall out to about the eight yard line.

There were two of the new Supertrino kits flying in the FAI class. Both had Contra motors and seemed to fly the AP-19 schedule very well. These kits are sold by Donatas Pauzuolis, ([www.pauzuolis-rc.com](http://www.pauzuolis-rc.com)). The kit comes in different combos starting at 25.00€.

Scott Brownell was at the event flying his Supertrino. His plane featured his homemade balsa props. They are much cheaper to make than buying a set for way



*Scott Brownell's Supertrino. / Le Supertrino de Scott Brownell.*

over a hundred dollars. Scott had hubs 3D-printed and uses a small set screw so that the pitch is adjustable. This helps with fine tuning both hovering and torque rolling. More information can be found here on RC Groups: <https://www.rcgroups.com/forums/showthread.php?3059009-Making-Lightweight-Adjustable-Balsa-Props-for-F3P>.

### HEADING OUTDOORS?

Indoor flying is now over for the season, but it does not look like spring will be arriving anytime soon. Our temperature here

in Southern Ontario is running way below the seasonal norms. I suspect that I will not be flying F3A much before my first contest in May.

### F3A TRIALS

The Victoria Radio Control Modelers Society is pleased to announce that members will host the Canadian F3A Team Trials in conjunction with BC Precision Aerobatics Championships on September 8th & 9th, 2018 at the VRCMS club field in Victoria, B.C. CD and contact person will be Dave Reaville, MAAC56510, dave.reaville@gmail.com.

The top three pilots (and junior pilot) will represent Canada in the 2019 World Championships in Italy.

The Contest Rules for the Team Trials are defined in section 2.1 of the Radio Control Precision Aerobatics Rule Book (2016-17) or as amended for 2018. Interest parties are invited to apply via email to the Contest Director specifying participation in the F3A Team Trials itself. The entry

fee for Team Trial Participates Only will be \$100 (deadline for entry -- July 1st, 2018).

### FAI CHAIR

I have taken on a new role in MAAC. I was recently appointed to be the FAI Committee chairman and CIAM delegate. There had been some controversy about sending a delegate to the CIAM Plenary meeting, this year. Thankfully, the MAAC Board of Directors recently decided to change their position and are sending me as delegate.

Until next time, keep the wings level. ✈

# COPIES VOLANTES ACROBATIQUES RC



## Lee Prevost - 9551L

Chef de Comité  
leeprevost97@yahoo.ca

Salutations, adeptes de l'IMAC et des petits-gros acrobatiques!

Ocala L'ENSOLEILLÉE!

Quelques-uns d'entre nous avons entamé notre saison IMAC un peu plus tôt dans la charmante localité d'Ocala (Floride), au début mars. Nous étions neuf Canadiens à effectuer le trajet afin de nous pratiquer (certains sont restés pendant deux semaines!) avant le concours qu'organisait Ivan Kristensen.

Plusieurs d'entre nous avons logé dans un magnifique local situé sur la rivière Rainbow à Dunnellin, située à environ 40 minutes du terrain de vol d'Ocala. Imaginez une rivière à l'eau cristalline et au débit important où évoluent des embarcations de plaisance... et sans alligators! Mon épouse a adoré y passer du temps pendant que nous étions en train de jouer avec nos avions pendant ces chaudes journées.

Le concours proprement dit était dirigé par le directeur de concours Ivan Kristensen, une véritable légende canadienne. La participation a été très bonne : plus de 37

concurrents. Nous, les Canadiens, nous sommes bien débrouillés en récoltant une première place en catégories Advanced et Unlimited. Nous avons aussi récolté une deuxième place en Intermediat.

Les pilotes qui ont pris part au rassemblement sont : Steve Ruxton, Dominic Teti, Daniel Reichert, Nolan Johnson (âgé de tout juste 11 ans!), Frank Klenk, Yves Lemire, Dennis Dionne, Don McLellan et moi-même. Rick Kroeze était de la partie mais il a vécu un incident qui l'a privé de compétition : une bourrasque de vent a projeté un de ses panneaux d'ailes contre un poteau.

### CHAMPIONNAT MONDIAL

L'équipe est prête, les inscriptions se poursuivent et d'ici à ce que vous lisiez ces quelques lignes, nous serons en train de disputer des concours partout au pay. Un grand merci est de mise envers Steve Ruxton qui nous a déniché des uniformes officiels très cool!

Merci une fois de plus au MAAC pour l'appui qu'il témoigne à la compétition et aussi à RM Auctions pour sa contribution à l'équipe! Nous ne sommes qu'au début avril au moment où je rédige ces lignes, si bien que vous pouvez vous attendre à davantage de nouvelles. ✈

*The models sit under cover while we wait for the fog to lift. / Les maquettes sont recouverte pendant que nous attendons que le brouillard se lève.*



*The river view in Dunnellon./ Un aperçu de la rivière à Dunnellon.*

## R/C SCALE AEROBATICS



The group of Canadians who traveled to the IMAC contest in Ocala. / Le groupe de Canadiens qui se sont déplacés au concours IMAC à Ocala.



Our youngest competitor Nolan Johnson in his first IMAC competition in Ocala. / Notre plus jeune concurrent, Nolan Johnson, lors de son premier concours IMAC à Ocala.



Don McLellan gets ready for a practice flight with some help from Rick Kroeze. / Don McLellan se prépare à un vol de pratique grâce à un coup de main de la part de Rick Kroeze.

**Lee Prevost - 9551L**  
Committee Chair  
leeprevost97@yahoo.ca

Greetings fellow IMACers and Giant Scale Aerobatics enthusiasts.

### SUNNY OCALA!

Some of us got a head start to the IMAC season in beautiful Ocala, Florida, in early March. There were nine of us Canucks who came down to practice (some for up to two weeks!) prior to the contest hosted by Ivan Kristensen.

Many stayed at a beautiful home located on the Rainbow river in Dunnellin, about 40 minutes from the Ocala field. Picture a quickly moving, warm and crystal clear river with lots of recreational craft and no alligators! My wife loved spending time there watching the show while we played with our planes during the warm days.

The contest itself was run by Canadian legend Ivan Kristensen as CD. It was very well attended, with over 37 competitors. We Canucks did very well with firsts in Advanced and Unlimited and a second in Intermediate.

Pilots who participated were Steve Ruxton, Dominic Teti, Daniel Reichert, Nolan Johnson (11years old!), Frank Klenk, Yves Lemire, Dennis Dionne, Don McLellan and myself. Rick Kroeze was there for the event, but had a very unfortunate incident when a high wind caught a wing panel while assembling his plane and damaged it against a post, putting him out of competition.

### WORLDS UPDATE

The team is set, registrations are ongoing and by the time you read this, we will be flying in various competitions throughout the country. A big thanks goes to Steve Ruxton who sourced out our very cool competition clothing!

A huge thanks to MAAC for once again stepping up to the plate and supporting competition in Canada and also to RM Auctions for its wonderful contribution to the team! It's still only early April as I write this, so lots more news to come. ✈



*Planes lined up for practice on Friday in Ocala. / Les maquettes sont alignées avant la pratique, le vendredi à Ocala.*



*Dominic Teti's new Carden Pro with DA 200. / Le nouveau Carden Pro de Dominic Teti (motorisation : DA 200).*

*Some nice detail work Domenic Teti's plane! / Beaux détails sur l'avion de Domenic Teti!*

*Ivan Kristensen's new pattern plane... custom made in Russia! / Le nouvel avion de voltige d'Ivan Kristensen... fabriqué sur mesure en Russie!*



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## Fabien Gagné - 87950

Chef de Comité

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Bonjour, je suis Fabien Gagné de la zone Saint-Laurent, nouvellement nommé président du Comité planeurs.

Dans ce cycle, notre équipe du comité tentera d'atteindre quelques-uns des objectifs suivants:

### Objectifs à court terme

- effectuer une mise à jour du livre des règlements de compétition pour planeurs;
- instaurer et animer un calendrier national des événements de planeurs;
- favoriser la création de ligues nationales / systèmes de points pour toutes les toutes les disciplines.

### Objectifs à long terme

- aligner les compétitions de club et régionales vers des normes nationales;
- améliorer la communication afférentes à tous les volets de vol planeur partout au pays;
- réduire les obstacles liés à la participation aux compétitions nationales et internationales.

## ÉTAT DES ÉQUIPES NATIONALES FAI QUI VOUS REPRÉSENTERONT

Plusieurs d'entre vous sont très fiers de chaque podium que remportent leurs équipes nationales et ses membres sont reconnaissants de votre soutien. Vos

équipes sont composées de personnes qui ont investi des milliers de dollars et dans certains cas, ont changé leurs habitudes de vie et leur lieu de travail afin de pouvoir gagner l'or. Votre soutien continu à la FAI, votre participation aux événements et chacune des activités de soutien contribuent grandement au classement des médailles canadiennes à la FAI.

### F3K (planeur lancé main)

Nous avons incontestablement l'équipe F3K la plus forte à ce jour et tous les participants anticipent avec impatience un féroce processus de sélection d'équipe. En plus de David Webb, Doug Pike, d'Ivan et de Pat Mackenzie, le Canada compte également deux nouveaux pilotes très expérimentés qui se préparent à représenter l'équipe canadienne. Ces nouveaux pilotes sont Thomas Lee et Eitan Rotbart. Eitan est le champion national américain de 2017 et un pilote leader d'Israël. Nous anticipons fortement un potentiel pour des médailles dans ce cycle.

### F5J (planeur lancé électrique)

2019 marque le premier Championnat du monde F5J en Slovaquie. Cette catégorie FAI relativement récente supplante rapidement le F3J en tant que format des plus prestigieux. Le Canada enverra une équipe complète de pilotes chevronnés.

les pilotes qui formeront les équipes canadiennes.

Les membres potentiels de l'équipe nationale concourront pour trois postes seniors et juniors. Chaque équipe a également la possibilité d'emmener un autre pilote aux championnats du monde. Ce pilote alternatif remplacerait tout membre de l'équipe qui n'est pas disponible pour participer au Championnat mondial.

Chaque processus de sélection d'équipe s'étendra sur deux jours de vol (samedi, dimanche). Ces jours seront utilisés selon les exigences des directeurs de concours et peuvent (ou non) inclure une ou deux journées de compétition. La météo est le facteur principal qui déterminera la durée de l'événement. Nous nous efforcerons d'utiliser les deux jours.

Le calendrier est le suivant :

Vendredi - Pratique

Samedi - Compétition jour 1

Dimanche - Compétition jour 2

Les sélections de l'équipe F3K auront lieu du 24 au 26 août. Les sélections de l'équipe F5J auront lieu du 31 août au 2 septembre.

Pour plus d'information et inscription jusqu'au 10 mai 2018 :

F3K <https://tinyurl.com/y98hsmjs>

F5J <https://tinyurl.com/ycgex23k> ✨

## ANNONCE DE SÉLECTION DES ÉQUIPES DE CHAMPIONNATS DU MONDE FAI F3K ET F5J

La saison 2019 sera une année de championnats du monde en F3K et F5J. Ainsi, cet été, nous devons sélectionner

### R/C Sailplane

#### TEAM SELECTION ANNOUNCEMENTS

The 2019 season will showcase the F3K and the F5J World Championships. As such, this summer, we will select our teams that will represent Canada. Both team selection competitions will be at the same location, near Barrie, Ontario.

Prospective national team members will compete for three positions in each the senior and junior teams. Each team also has the option of taking an alternate pilot to the World Championships. This alternate pilot would stand in for any team member who is unavailable to compete at the WC.

Both team selections will be scheduled for two days (Saturday and Sunday), with the contest director using the time as they see fit. Weather is the prime factor in determining the event duration. We will strive for two-day contests.

from page 69

The schedules are as follows:

Friday - Practice and field set-up

Saturday - Contest day 1

Sunday - Contest day 2

The F3K team selections will be held from August 24 through 26. The F5J team selections will be from August 31 through September 2.

For further information and registration until May 10 2018:

F3K <https://tinyurl.com/y98hsmjs>

F5J <https://tinyurl.com/ycgex23k> ✨

# R/C SAILPLANE

**Fabien Gagné - 87950**

Committee Chair

450-454-3875 fabien.gagne@saintremi.ca

Hi, I'm Fabien Gagné from the Saint-Lawrence zone, newly appointed Chair of the Sailplane Committee.

Over the next year, our Committee team will attempt to accomplish a few of the following goals:

## Short Term

- overhaul the sailplane contest rule books for up-to-date processes and formats;
- streamline and coordinate a national sailplane events directory;
- foster the creation of leagues/scoring points systems for Canadian contest pilots of all disciplines.

## Long term

- align the current club & regional sailplane flying competitions towards our defined national formats;
- enhance national communication from across Canada on all forms of soaring;
- reduce contest-related barriers for pilots attending national and international contests.

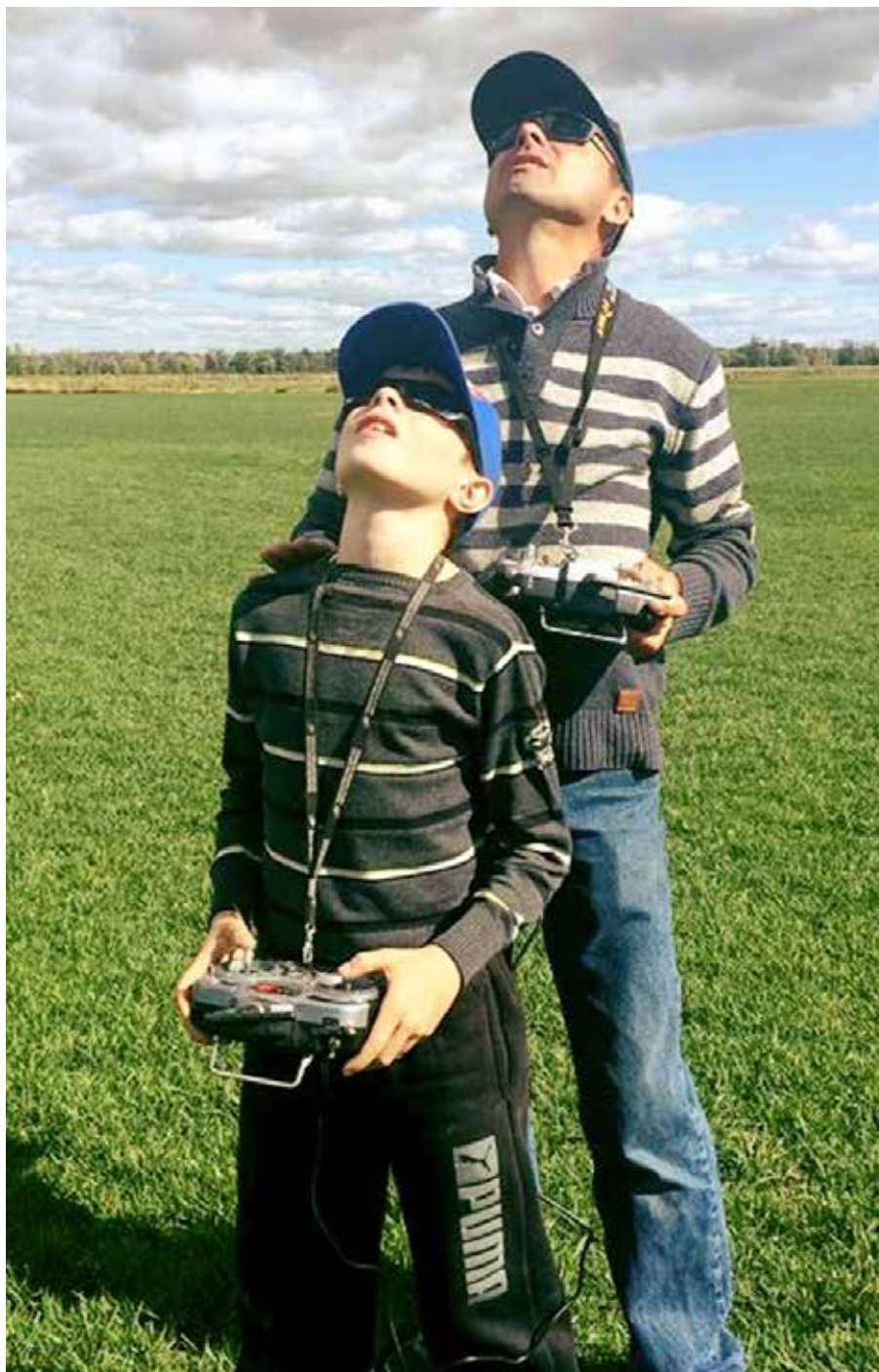
## CURRENT STATE OF YOUR FAI TEAMS

So many of you take great pride in a podium finish for any national team and your FAI teams greatly appreciate your support. Your team members comprise individuals who have given up thousands of dollars and in some cases, have changed how and where they work so that they can win gold. Your ongoing support of the FAI, inclusion in events and supporting activities goes a long way to Canadian medal standings at the FAI.

### F3K (Hand Launch Glider)

We have inarguably the strongest potential F3K team to date and all participants are eagerly anticipating a fierce team selection process. In addition to David Webb, and brothers Ivan and Pat MacKenzie, Canada also has three new very experienced pilots preparing to represent team Canada.

Those new pilots are Thomas Lee, Doug Pike, and Eitan Rotbart. Eitan is the U.S. national champion from 2017 and a leading pilot from Israel. We are highly anticipating the strong potential for team medals on this cycle.



*Fabien Gagné helps his son Mathias learn to fly at the ORCC glider field near Ottawa. / Fabien Gagné montre à piloter à son fils Mathias au club ORCC près d'Ottawa.*

**F5J (Electric Launch Gliders)**  
2019 marks the first F5J World Championships, which are being held in Slovakia. This relatively new FAI class is quickly exceeding F3J as a premiere World

Championship format and we expect Canada will be sending a full team of senior pilots.

*continued on page 68*

## R/C SCALE



*A beautiful Balsa USA 1/4 scale SE5a, sporting Billy Bishop' livery, is powered by a Zenoah G38 and was built by Karl and Scott Crosby. / Karl et Scott Crosby ont construit ce magnifique SE5a (fabricant : Balsa USA) à l'échelle 1/4 dans la livrée de l'appareil du légendaire as canadien Billy Bishop. Motorisation : Zenoah G38.*

### Scott Crosby - 23964

Committee Chair

780-220-1195 crosby.scott@rocketmail.com

It's still winter here in Alberta (April 02 and its -19 degrees Celsius) but I'm sure that somewhere in Canada, spring is starting. By the time you read this, the 2018 summer scale flying season will be well under way! I look forward to attending several events in the Alberta, B.C., and Saskatchewan. If your club is hosting scale event, please let me know, or at least send me some pictures.

Check the MAAC website or magazine for event listings in your area.

The Canadian Open R/C Scale Nationals will be skipping a year (2018) and we look

forward to finding a host club for 2019. If your club is interested in hosting this event in 2019, please contact me. We have several support programs in place to ensure a positive and enjoyable experience for all.

I think it's important to remind everyone that R/C scale competition models can be ARFs, as long as the model you're flying represents an actual full-size aircraft. I've seen some pretty impressive scale ARFs lately! I'm very pleased that some manufacturers have stepped up their game and are supplying the market with some great scale models in all sizes.

As you are all probably aware, Solarfilm U.K., the company that manufactures Solartex, has ceased operations. This leaves me, and I'm sure lots of other people,

scrambling for an alternate fabric covering source. I will be trying several products ranging from Sig Koverall to a German-produced fabric covering called Oracover... I will let you know my thoughts on these and other fabric products.

One of scale master Dave Platts laws states "scarf when the scarfing is good". In other words, if you find something you like, then get as much as you can as one day, it may be gone!

I will be competing in Vernon at the B.C. Scale Classic (July13-15, 2018). This event is perfect for the first-time R/C scale competitor. Everyone is very supportive and the camaraderie is amazing! Come on out and give R/C Scale competition flying a try! I look forward to seeing you at an event! ✈

## COPIES VOLANTES RC

### Scott Crosby - 23964

Chef de Comité

780-220-1195 crosby.scott@rocketmail.com

C'est encore l'hiver ici en Alberta (il fait -19 degrés Celsius ici, un 2 avril) mais je suis persuadé que quelque part au Canada, le printemps est arrivé. Au moment où

vous lirez ceci, la saison de vol 2018 aura commencé! J'ai hâte de me rendre à plusieurs rassemblements en Alberta, en Colombie-Britannique et en Saskatchewan. Si votre club en organise un, veuillez m'en informer ou, au moins, envoyez-moi des photos.

Vérifiez le site Web du MAAC ou la revue pour y lire les renseignements de

rassemblements à venir dans votre coin.

Les épreuves Canadian Open R/C Scale Nationals sauteront une année (2018) et nous nous affairons à trouver un club-hôte en 2019. Si le vôtre est intéressé, faites-moi signe. Nous jouissons de plusieurs programmes d'appui afin que l'expérience soit bonne pour tous les organisateurs.

Je crois qu'il importe de rappeler à tout

*suite à la page 71*



de FiD, un objectif qu'il a réalisé très tôt et en 2000, il était membre de l'équipe canadienne de FiD. Malheureusement, comme il habitait en Europe, j'ai dû revenir à la présidence en 2013.

Il est temps de tirer ma révérence et de céder la place au nouveau président Dmytro Silin; je suis très reconnaissant des anciens dirigeants. Mes remerciements à Bill Henderson, Barry Taylor, Fred Tellier et Vladimir Linardic pour un travail bien ficelé. Les tâches dont ils se sont acquittés nous serviront pendant plusieurs années.

Je crois qu'il est important de noter que tous nos présidents – y compris Dmytro – ont établi des records canadiens de vol intérieur qui n'ont pas encore été fracassés. La compétition, c'est dans notre sang et c'est la raison pour laquelle nous sommes membres du MAAC.

Nous transmettons nos meilleurs vœux à Dmytro Silin, dont le nom a circulé à plusieurs reprises dans cette chronique (relativement à sa quête de ramener la discipline FiD sur la scène mondiale). Je sais qu'il possède les contacts et l'expertise pour réussir.

Toutefois, il aura besoin de vous, les modélistes qui oeuvrez en d'autres catégories – surtout les copies volantes ou pour le plaisir – alors assurez-vous que votre groupe reste en contact. J'ai l'intention d'en faire de même.

Une dernière note importante : l'importance de la compétition est remise en question à l'échelle mondiale. Rappelons-nous que des modélistes adeptes de la compétition ont fondé le MAAC en 1949 et l'effet a été ressenti dans le giron des concours locaux, dont le concours Eaton en 1951.

J'ai joint – à reculons – les rangs du MAAC en 1953, précisément afin d'effectuer des vols lors des Épreuves canadiennes – bien que cela a contribué à me faire inviter aux Plymouth Internationals de Detroit – car il était clair que nous avons perdu des occasions de nous présenter à des concours. J'ai abandonné la compétition fin 1953 et je me suis mis à la pêche.

Lorsque j'ai effectué un retour en 1984, c'était dans le but de me livrer une fois de plus à la compétition, cette fois en vol intérieur à propulsion élastique. L'expérience a fini par me faire croire que nous devrions faire la promotion de la construction de maquettes en bâtonnets et de papier japonais auprès des juniors, comme l'ont fait les Américains avec leur programme d'Olympiade de sciences dans leurs écoles. Brett Sandborn, issu de ce programme, a récemment établi un record mondial et pourrait possiblement devenir le prochain champion mondial. ✈

le monde que les maquettes de compétition peuvent fort bien être des appareils presque prêts à voler (Almost Ready-to-Fly, ARF, en anglais), en autant que cette maquette que vous pilotez représente un véritable appareil. Dernièrement, j'en ai vues qui sont carrément impressionnantes! Il me fait d'ailleurs très plaisir de constater que certains fabricants ont répondu à l'appel et qu'ils offrent des copies volantes de toutes les dimensions.

Comme vous le savez sans doute, Solarfilm U.K., l'entreprise qui fabrique le Solartex, vient de cesser ses opérations. Je devrai – comme d'autres – me précipiter vers une source alternative de recouvrement en tissu. J'essayerai plusieurs produits dont Sig Koverall ou encore, l'Oracover, de fabrication allemande... Je vous ferai pas de mes impressions.

L'une des lois du gourou des copies volantes, Dave Platt, c'est qu'on doit bûcher pendant qu'on peut le faire. En d'autres mots, si vous trouvez un produit que vous aimez, procurez-vous en autant que vous pouvez parce qu'un jour, il n'y en aura plus!

Je serai concurrent (du 13 au 15 juillet 2018) au concours B.C. Scale Classic de Vernon (Colombie-Britannique). C'est le lieu parfait en guise de premier concours pour les nouveaux venus. Tout le monde offre beaucoup d'appui et le climat de camaraderie est sans pareil! Venez y faire un tour et tentez votre chance! J'ai hâte de vous voir à un rassemblement! ✈

probablement par moins de 10 %.

La fonction exponentielle a été conçue de sorte à accroître ou à diminuer le mouvement du servo lorsque sa position se trouve plus près du centre.

Si l'on revient à notre exemple de 10 % de la manette – disons qu'au milieu, notre servo se déplace sur 15% de sa course linéaire depuis le centre. Si nous ajoutons tout juste la bonne quantité de fonction exponentielle, nous pouvons alors envoyer un signal d'émetteur qui fera déplacer le bras de servo de 10 %. Si nous ajoutons de l'exponentiel, nous pouvons faire en sorte que ce mouvement sera de moins de 10 %.

Voici où l'exponentiel prend toute son importance. Si vous avez l'impression que votre hélicoptère réagit un peu trop nerveusement à votre goût, vous pourrez ralentir le temps de réponse en ajoutant de l'exponentiel au centre des manettes. Ce qui est chouette, c'est que l'exponentiel n'affecte en rien le débattement maximum des servos et ainsi, vous pourrez extraire autant de performance acrobatique que vous le souhaitez. ✈

# Model Aviation

## CANADA



### Tell us your stories

We are looking for a few great stories!

Articles should be about 475 words  
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Member rate - First 20 words free. Each additional 20 words or part thereof \$1 Dealer / commercial rate - First 20 words \$15. Each additional word \$1 Payment must accompany order Cheques payable to Morison Communications

**WANTED:** Old radios for private collection. Any old radio from the 50's, 60's or 70's. These can be single channel, reeds, proportional etc. Send list to Charles Chomos, 369 Pepper Dr., Burlington ON L7R 3C8. Ph. 905.632.4479 cchomos@hotmail.com

**FOR SALE:** Custom Decals and Roundels for all scale Modelers. Lettering. Numbers and Art for all models. Call: 905.933.3461 or email:manmech@bell.net (5/12)

**WANTED:** Engines, and tether or push cars for private collection. Anything from the 1970's and earlier, glow, diesel, ignition, engine parts, boxes, displays etc. Especially looking to buy the Canadian built Ajax, Canuck, Banshee, Drimmie, Fitzpatrick, Hurricane, Merlin, Monarch, Queen Bee, Ram and Cox engines. Send list to Frank Klenk, Tillsonburg, Ontario 519-550-7955. flyanextra@gmail.com (01/13)

**FOR SALE:** Estate services offered. Will inventory all your items, sell items for you or buy outright. Call or write for details. Protect your valuables and know what they are worth. Plan ahead. Contact Frank Klenk, Tillsonburg, Ontario. 519.550.7955. flyanextra@gmail.com (01/13)

**FOR SALE:** Airsail 68" span DeHaviland Chipmunk Kit \$50. Seagull 67" span Decathlon ARF NIB \$100. 52" Biplane with OS46AX \$50. Evolution 10cc Gas engine only bench run \$100. Contact Ernie 519-821-8021 or ejfesta@bell.net.

**FOR SALE:** Great Planes Giant Super Sportster. Flown for two season in good condition. I used an OS BGX3500 on it (not included) and there is no Radio included either (servos, wiring or receiver). 82" wing span and weighs about 16 lbs. for \$100.00 Email me @ b.purdon@eastlink.ca (05/18)

**FOR SALE:** Top Flite P51D ARF fully finished. Ready to fly. Digital servos, motor driven retracts, O.S. .91. All New. Never flown/Started. Will Ship. Coquitlam B.C. Internet photos/Details \$1400 invested, sell

\$1000. airfid@telus.net (05/18)

**FOR SALE:** 1/3 Scale Nieuport in Bind'n'Fly condition. Roto 85cc 4 stroke Twin Power From Balsa USA kit. Only 12 flights, Custom trailer option. Can deliver 200km from Ottawa. Photos etc avail Contact brian. wattie@sympatico.ca 613-591-1937 (05/18)

**WANTED:** kyosho PBY Catalina flying boat,new or used. alfdi@shaw.ca, 604 596 7246 (03/18)

**FOR SALE:** Top Flite P51D Mustang. OS 91 four stroke. Motor driven retracts. Sullivan onboard glow ignition. Digital Servos. All new. Never flown. Engine never started. Ready to fly. Cost\$1400 Sell \$1000. Photos available. airfid@telus.net (03/18)

**FOR SALE:** Assorted kits, NIB, for sale. 1/4 Scale Fun Arrow 80" SE5A \$400; 1/3 Scale SIG Spacewalker, still in cellophane, \$295; 1/4 scale Proctor Nieuport 28, 80", \$650; Proctor Curtiss Jenny, 87", \$650; Proctor Antic Bipe with float combo, 65" Sopan, \$300, 1/5 Scale Top Flite SR9 Stinson Reliant with all fibreglass interior parts, 101", \$650; Fuji BT-64ei Gas engine, never run, \$500; Shipping extra on all; Phone Bill at 1-604-859-5943, Abbotsford, BC (01/18)

**WANTED:** 4 cycle radial engine, 7 cylinder preferred but other configurations and all conditions considered. Contact Tom at flp@sasktel.net (03/17)

**WANTED:** Great Planes PT17, even if it is damaged but repairable. Specifically, I require a fuselage. bonamimurray@gmail.com (03/17)

**WANTED:** Sepp Ubilacher Hawker Tempest plans and or parts 82" wingspan - a used set or used parts is fine. email Ken Kalynuk at kenkalynuk@gmail.com (03/17)

**WANTED:** old rc warbird articles / plans that you have collected and are thinking of chucking out as you have gotten orders to declutter! A scan, or photos of the article emailed to me works. Paper is ok too, I want to get this stuff on the web for future warbirders before it goes in your garbage. Email me at kenkalynuk@gmail.com (03/17)

**WANTED:** Airtronics Aquila Sailplane kit, or original plans, or Fiberglas fuselage, or built aircraft. Please contact Dave at Fowlowd@yahoo.com. (03/17)

**WANTED:** OS 60 long stroke engine in working condition. flyboyqopus@gmail.com (Toronto area) (01/17)

**WANTED:** Frank Loates Stick plan, photos. Unpublished rubber model , circa 1940, in Toronto. E-mail Dave: martha.owen@outlook.com (01/17)

**FOR SALE:** 2 lite hawk. 3 channel helicopters, 1 lite hawk XL helicopter, 1 sky force metal series 3.5 channel series with built in gyroscope, 1sky force mini helicopter, 1 champ r/c plane with instruction book. All are in excellent condition. Contact Shirley at 705 673 4299 (Sudbury, ON) (11/17)

**FOR SALE:** OS160FX Completely rebuilt. Original muffler, never used. Comes with Pitts muffler, engine mount. Asking \$250. 1 Supertigre G2300 MKII New in box, never run. Asking \$200. 1 Great Planes .60 size sport float kit (41" long), still in box. Asking \$80. Will ship within Canada. Call Claude 403-345-3224 or cc.latulippe@yahoo.com (Coledale, AB)(11/17)

**WANTED:** TURBOPLANE Model V.T.O.L. Spinning disc saucer from 1980s, any condition, call 705-242-8772 or email adc101@live.ca (11/17)

**WANTED:** G-Mark .03 RC model engine. Call Warren at 403-527-0569 or email wsmguitars@shaw.ca (11/17)

**FOR SALE:** YAK-55, Length 65 inches, Wingspan 72 inches, Weight Approximately 10 to 11 pounds, Comes with DLA 35 engine with electronic ignition, Hitec 5685M Ultra torque servoes, Wing covers, Have not flown it in over a year. No time. Asking \$550. Please call (416) 565 9567 or email wan2fly991@hotmail.com will send foto's Anthony (11/17)

**FOR SALE:** Two F3A Pattern planes c/w electric motors and speed controllers. As new condition, low hours, some batteries included. Bob (705) 292-6001. (Ennismore, ON) (09/17)

**WANTED:** I need information about installation and running of CO2 Modela motors. Contact Douglas at (613)475-0744 or douglask.ogle@yahoo.ca (09/17)

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# COMING EVENTS

## ALBERTA - A

**MAY 26, 2018 - SATURDAY** | Auction | 1 Day | Annual CARFF RC Auction | CENTRAL ALBERTA RADIO FUN FLYERS (RED DEER) | Sylvan Lake Community Hall | CARFF Annual RC Auction in Sylvan Lake May 26 2018 | 2018-990 | <http://www.carff.ca>

**MAY 26, 2018 - SATURDAY** | Competition | 1 Day | Chinook Winds - IOPENER | CHINOOK WINDS R/C CLUB | CHINOOK WINDS RC CLUB | Chinook Winds - IOPENER Chinook Winds - IOPENER 2018 IMAC Basic Clinic 1 PM May 25th 2018 An informal clinic that provides basic pilots with a mentor to help with overall plane and transmitter setup, trimming, Q&A and IMAC procedures. An opportunity for all pilots to learn, give IMAC a try and have fun. Contact the Chinook Winds President at [pres@chinookwindsrc.com](mailto:pres@chinookwindsrc.com) to reserve a spot. This Basic IMAC Clinic is free Chinook Winds - IOPENER 26TH May 2018 A one day competition. Pilots meeting 9 AM sharp. Alternate sequences will be used. Lunch will be provided or available. Fee; \$30 IMAC members, \$40 non members, free for first time Basic. Please register on the IMAC website. See Chinook Winds Website

for current details @[www.chinookwindsrc.com](http://www.chinookwindsrc.com) Dry camping available. 12 Volt power for battery charging. 750' grass runway E/W and 600' N/S. | 2018-420 | <http://www.chinookwindsrc.com>

**JUNE 02, 2018 - SATURDAY** | Fun Fly | 2 Days | Classic Ice Breaker Fun Fly | ROCKY BARNSTORMERS R/C CLUB | ICE BREAKER FLOAT FLY & FALL FLOAT FLY | Barnstormer's Classic Ice Breaker Fun Fly June 2-3 At Perry's Pond - 5 miles N on Hwy 22 from Hwy 11. Turn left past Echo Canyon go West 1 mile, turn rt. (north) for 1/2 mile and turn left into site. Concession with pop, burgers & hot dogs. Self contained camping \$25 for the weekend. Non-camping fliers \$5 for the weekend. Proof of valid MAAC membership required. MAAC rules apply. Contact Peter 403-845-6271 or Ray 403-845-5289. | 2018-686 |

**JUNE 09, 2018 - SATURDAY** | Fun Fly | 2 Days | Aerotow & Sailplane Weekend | CENTRAL ALBERTA RADIO FUN FLYERS (RED DEER) | 7.5 KMS E OF HWY 2 ON TOWNSHIP ROAD 374 | Enjoy a soaring weekend! Scale gliders, aerotow, electric up & go, discus, hi-start, foamies all welcome. Tug suitable for up to 1/3 scale. Thermals are usually excellent at this time of year. Free entry, free self contained camping, free

bottled water. | 2018-834 | <http://www.carff.ca>

**JUNE 11, 2018 - MONDAY** | Fun Fly | 7 Days | Valley of Hope Fun Fly & Potluck Supper | ROCKY BARNSTORMERS R/C CLUB | VALLEY OF HOPE FUN FLY | Valley of Hope Fun Fly and Potluck Supper. Travelling east or west on Hwy. 54, turn North on RR 25 for 2 m. (3.2 km) and follow signs into site. Potluck supper Sat - \$5 /person with funds going to STARS. Concession on site Fri - Sunday with pop, hot dogs, and burgers. Self contained camping NC. Proof of valid MAAC membership required. MAAC rules apply. Contact Wil Vohs 403-588-8026 or Peter 403-845-6271 | 2018-689 |

**JUNE 16, 2018 - SATURDAY** | Competition | 2 Days | CRAMS Spring IMAC | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | CRAMS Spring IMAC Contest 2 Day Contest Pilots meeting 9 AM sharp. Lunch will be provided or available. Fee: \$30 IMAC members, \$40 non members, free for first time Basic. Please register on the IMAC website. See CRAMS website for more information and for directions [www.crams.ca](http://www.crams.ca) Camping available in nearby Irricana at Founders Park [http://albertacampsites.com/moreinfo.php?campgrounds\\_id=313](http://albertacampsites.com/moreinfo.php?campgrounds_id=313) | 2018-984 | <http://www.crams.ca>

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**JUNE 16, 2018 - SATURDAY** | Competition | 1 Day | ERCS Spring Combat | EDMONTON RADIO CONTROL SOCIETY | ERCS field. | Come join us at ERCS Bremner Field for an exciting day of combat! Max engine size .46 or equivalent electric. All pilots must have an active MAAC membership. Hard hats are mandatory and will be supplied. Pilot's lunch will also be supplied. From Edmonton. East on highway 16 clover bar road. Then north on clover bar road to township road 540. At 540 turn left (west) down the hill, we are at the bottom of the hill on the right (north side). You will see a gravel road that heads north through the field. It is one kilometer to the field. We have a big sign at the gate. | 2018-987 | <http://www.ercs.ab.ca>

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 1 Day | Float | WINDY WEST R.C. CLUB | Park Lake Provincial Park - West of Boat Launch | First Float Fly event of the year - blow-out date will be the Sunday. | 2018-936 |

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 1 Day | Spring Fun Fly | AIRDRIE MODELERS AIRCRAFT SOCIETY | NORTH OF GAS PLANT | Pilots \$15 (includes unlimited flying, lunch and door prizes) Open to the public Must have active MAAC membership Pilots meeting at 10am Events Heli and Quad demonstrations Egg Drop Dead Stick Landing Combat Food \$5 BBQ Hamburgers Smokies Water Pop | 2018-1055 | <http://www.amasrc.ca>

**JUNE 22, 2018 - FRIDAY** | Fun Fly | 3 Days | LARCS Fun-Fly 25<sup>th</sup> Anniversary | LEDUC ALBERTA RADIO CONTROL SOCIETY | 10 KM NE OF LEDUC AB | Leduc Alberta Remote Control Society Fun-Fly Friday - Sunday June 22-24/2018. Join us to celebrate our 25<sup>th</sup> Anniversary. Our field is just south of the Nisku Highway between Nisku and Beaumont Alberta I believe it's Range road 244 If you are coming on Highway 625 (Nisku road) from Beaumont turn left at range road 244 (There is a "pink" house with greenhouse) and go south approx 1 km. Field on left side (orange gate) All types of aircraft welcome. Proof of valid MAAC membership required. MAAC rules apply There will be a concession available with pop, burgers & hot dogs. Self contained (dry) camping available. Please RSVP as there are limited spaces. Contact James @ [certifiedradio@hotmail.com](mailto:certifiedradio@hotmail.com) | 2018-1046 |

**JUNE 23, 2018 - SATURDAY** | Competition | 1 Day | 2nd Annual Frank Kelly Memorial Pattern Primer | MERIDIAN MODEL FLYERS ASSOCIATION - M2 FLYERS | TOWN OF STONY PLAIN 53015-53105 RANGE ROAD 280 STONY PLAIN | This is a one day event - Precision Aerobatics Primer hosted by the Meridian Model Flyers Assoc. from the town of Stony Plain - 53015 - Range Rd. 280, Stony Plain, AB Text - Come out and compete with yourself. This event is designed to encourage the development of flying and model set-up skills especially for people without a lot of competitive experience. Only

Sportsman and Intermediate classes will be flown. Experienced pilots and judges will be available to "coach" novice competitors on how to improve their skills. The basic fee covers a BBQ lunch. Unserviced camping available at the field on nights of June 22nd & 23rd. Restaurants, grocery and convenience stores and motels available nearby. Field is twenty minutes from West Edmonton Mall. See club website and/or facebook pages for further details and updates. Participants and spectators are required to have fun and enjoy the event. Proof of MAAC membership required. Rain/Inclement Weather day - 07July'18. For flight sequences and other event related data go to the MAAC website >committees>. Precision Aerobatics and see the committee documents. Any questions call Don @ 780-963-4586 or Email at [djstnpln@telus.net](mailto:djstnpln@telus.net). Check MMFA or MAAC websites, MMFA Facebook postings or call Don if inclement weather threatens. | 2018-850 | <http://www.meridianmodelflyers.com>

**JUNE 23, 2018 - SATURDAY** | Competition | 1 Day | Crams spring Combat | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | Come join us for the most fun you can have, flying at the CRAMS spring Combat. Engine size 0.46 max or equivalent electric. All pilots must be MAAC members and hardhats (supplied at field) are mandatory. CRAMS field is located just south of Irricana off highway 9. Admission covers the BBQ lunch and supply of streamers. Come out and prove who is the hottest combat pilot out there! | 2018-940 | <http://www.crams.ca>

**JUNE 30, 2018 - SATURDAY** | Fun Fly | 2 Days | Alberta's Littlest Airport Airshow | CAMROSE MODELERS ASSOCIATION | ALBERTA'S LITTLEST AIRPORT | Camrose Modelers Assoc. & ALA invite you to our 39th Annual Airshow near Bawlf, AB. All types of aircraft welcome. Camping & aircraft storage/charging available on site. No Concession. Contact Reg @ 780-679-7342 or @AlbertasLittlestAirport | 2018-825 | <http://www.camrosemodellors.ca>

**JUNE 30, 2018 - SATURDAY** | Fun Fly | 2 Days | Canada Day Fun Fly | FT SASKATCHEWAN RC FLYING CLUB | FORT RC FLYING CLUB FIELD | The Fort Saskatchewan RC Flying Club is hosting a Fun Fly Weekend and Canada Day Community Awareness event. On Saturday June 30, we invite all pilots with a current MAAC membership to join us for a weekend of flying fun. Overnight camping on site is permitted but space is limited. On Sunday July 1, the general public is invited to view our static displays as well as watch participants flying throughout the day. Come and join us in celebrating Canada's birthday! | 2018-926 |

**JULY 01, 2018 - SUNDAY** | Fun Fly | 1 Day | Canada Day Fun Fly | DIDS BURY R/C FUN FLYERS | MacNair Field | Canada Day Fun Fly, Sunday July 01 2018 DIDS BURY R/C FUN FLYERS 1 day, Flying starts at 10 am

at MacNair Airfield. Valid MAAC required. Spectators invited for Sunday afternoon Dry camping available for flyers Map and info on club website [www.DRCFF.NET](http://www.DRCFF.NET) | 2018-973 | <http://www.drcff.net>

**JULY 07, 2018 - SATURDAY** | Fun Fly | 1 Day | Taber Memorial Fun Fly | NIGHT HAWK R/C FLYING CLUB | Fincastle Lake | Fun Fly recognizing all members of the club that have passed away, but were an asset to the club for many years. | 2018-937 | <http://www.tabernighthawks.ca>

**JULY 07, 2018 - SATURDAY** | Fun Fly | 2 Days | Soaring & Aerotow Weekend | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | The Calgary Radio Aero Modellers Society is proud to announce our Soaring and Aerotow Weekend. We encourage all RC pilots with any type of glider to join us for a couple of days of soaring the summer skies. Grab your glider and soar with us! This is a great opportunity to see some of the most unique models that the hobby has to offer. From light Thermal Gliders, Giant Sailplanes, to Ballistic Hotlines and Catapult Gliders. Great chance to learn about this fascinating side of RC flying. Fun Events Door Prizes Flight Demos Hi-Starts, Electric Winch and multiple tugs on site. \$5.00 BBQ Lunch available MAAC Rules in Effect and MAAC membership (or equivalent) is required. | 2018-986 | <http://www.crams.ca>

**JULY 12, 2018 - THURSDAY** | Fun Fly | 4 Days | Tofield Funfly | TOFIELD MINIATURE AIRCRAFT ASSOCIATION | TOFIELD AIRPORT | Tofield Funfly July 12th to 15th. Funfly is open to all fixed wing aircraft. Venue is especially turbine friendly as we fly off the full size airport in Tofield. Landing fee is \$35.00 and includes Sat. evening supper. \$10.00 charge for anyone other than registered pilots wishing to attend the supper. Open flying on all days, with Thurs and Friday open for test flights and maidens. Primitive RV camping on site and motels available in Tofield (5 min away) | 2018-855 |

**JULY 14, 2018 - SATURDAY** | Fun Fly | 1 Day | July Jamboree | WINDY WEST R.C. CLUB | Paskuski R/C Field | All MAAC pilots welcome to our July Jamboree. BBQ will be available. Enjoy 700 feet of bare foot comfort grass field. All parking inside of the gate please. See you there! | 2018-914 |

**JULY 14, 2018 - SATURDAY** | Fun Fly | 1 Day | 2018 funfly | STRATHCONA REMOTE CONTROL FLYERS ASS. | STRATHCONA SCIENCE PARK | 100 feet of fabric in our grass runway makes our field perfect for large or small planes. | 2018-1023 | <http://www.srcfa.ca>

**JULY 21, 2018 - SATURDAY** | Competition | 1 Day | Q500, AMA 426 Pylon Race | CALGARY MINIATURE PYLON RACING ASSOCIATION | FIELD | The Calgary Pylon Racing Association is holding a Quickee 500 Pylon race at its flying field. This race will follow MAAC pylon rules for the Quickee 500, which is also aligned with the AMA 426 rules. New

racers are welcome and encouraged to come out and try your hand at going fast around the pylon course. Note- Helmets required by flyers and helpers on the course. | 2018-856 | **JULY 22, 2018 - SUNDAY** | Competition | 1 Day | Quarter 40, AMA 422 Pylon Race | CALGARY MINIATURE PYLON RACING ASSOCIATION | FIELD | The Calgary Miniature Pylon Racing Association (CMPRA) is holding its 2018 Q40 contest on Sunday July 22. This event will follow MAAC pylon rules which are aligned with AMA 422 rules. This event is for expert pylon racers, 3 planes will travel at 300 kmh around a closed pylon course for 10 laps. See the Saturday July 21 event for entry level Q500 racing. Helmets are required by flyers and helpers on the course. | 2018-857 |

**AUGUST 10, 2018 - FRIDAY** | Fun Fly | 2 Days | FREE STYLE | WINDY WEST R.C. CLUB | Paskuski R/C Field | Welcome to our annual giant scale 3D free style event! Bring your gassers but all plane sizes are welcome with your current MAAC card. On site BBQ available with free dry camping. Get your free plane stickers. Enjoy the bare foot comfort of our 700 ft. irrigated grass field. All parking inside of the gate please. Located 5 kms south of Coaldale on # 845 then i.6 kms East , 1.6 kms south. | 2018-912 |

**AUGUST 10, 2018 - FRIDAY** | Fun Fly | 3 Days | 16th Annual Fun Fly | VALLEY MODEL AERONAUTICS CLUB | DRAYTON VALLEY, AB | Valley Model Aeronautics Club 16Th Annual Fun Fly - August 10, 11, & 12, 2018 - 10:00 am til dusk. Free Admission - Camping available (no hookups). Location - 11 kilometers North of Drayton Valley on Highway #22 - on East side of highway - Potluck Supper on Saturday night - bring your own meat - Barbeques available. For more information please contact Ken @ 780-898-3894(kmashon@telusplanet.net) or Brian @ 780-621-3655 (bdtucker@telusplanet.net) | 2018-1044 |

**AUGUST 11, 2018 - SATURDAY** | Air Show/ Demo | 1 Day | ERCS Annual Air Show | EDMONTON RADIO CONTROL SOCIETY | ERCS field. | The Edmonton Radio Control Society invites the Public and Fellow Flyers to our annual air show. The show will begin at 12 noon and finish around 3 Pm. At the Bremner Field. Please bring a donation for the " Strathcona Food Bank " . In this demonstration of RC there will be a variety of aircraft flown, from jets, Scale warbirds, to racers,aerobics,and trainers.. there will be a candy drop for the children and maybe a few other surprises. A concession will be on site. Admission to the event will be \$5.00 per Car Load !! And don't forget that donation to the Food Bank !! Directions are as follows " from Edmonton east on highway 16 north on Sherwood drive to township road 540 then east to the ERCS sign on the left side of the road turn in and drive to the field. It's a fun day , Enjoyment for all !! | 2018-1038 | <http://www.ercs.ab.ca>

**AUGUST 18, 2018 - SATURDAY** | Competition | 1 Day | ERCS Fall Combat | EDMONTON RADIO CONTROL SOCIETY | ERCS field. | Come join us at ERCS Bremner Field for an exciting day of combat! Max engine size .46 or equivalent electric. All pilots must have an active MAAC membership. Hard hats are mandatory and will be supplied. Pilot's lunch will be supplied. From Edmonton. East on highway 16 clover bar road. Then north on clover bar road to township road 540. At 540 turn left (west) down the hill, we are at the bottom of the hill on the right (north side). You will see a gravel road that heads north through the field. It is one kilometer to the field. We have a big sign at the gate. | 2018-988 | <http://www.ercs.ab.ca>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 2 Days | Corn Roast 2018 | CAMROSE MODELERS ASSOCIATION | ALBERTA'S LITTLEST AIRPORT | Camrose Modelers Assoc. invite you to our Annual Corn Roast. Celebrate the harvest at our field near Bawlf, AB. All types of aircraft welcome. Camping & aircraft charging/storage available on site. No concession. Contact Reg @ 780-679-7342 or @AlbertasLittlestAirport | 2018-826 | <http://www.camrosemodellars.ca>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 1 Day | Wings Over The Fort | FT SASKATCHEWAN RC FLYING CLUB | FORT RC FLYING CLUB FIELD | On Saturday August 25, the Fort Saskatchewan RC Flying Club is hosting the,"Wings Over The Fort" RC Fun Fly. We invite all pilots with a current MAAC membership to participate in a day of flying, having fun, and making new friends. Overnight camping on site is permitted but space is limited. | 2018-927 |

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 1 Day | Taber Cornfest Fun Fly | NIGHT HAWK R/C FLYING CLUB | TABER LANDFILL LOCATION 11-10-17-W4M | Come out and have some good of fun flying and busing. | 2018-938 | <http://www.tabernighthawks.ca>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 2 Days | Chinook Winds August funfly | CHINOOK WINDS R/C CLUB | CHINOOK WINDS RC CLUB | Chinooks Winds holding yearly summer funfly Aug 18th and 19th!!! Free event, pilots require valid MAAC. Lunch will be provided Camping available, no power Camp fire Helis also welcome! <http://www.chinookwindsrc.com> Contact Braden for more info! 403 801 3062 | 2018-997 | <http://www.chinookwindsrc.com>

**AUGUST 25, 2018 - SATURDAY** | Fun Fly | 2 Days | Fall Water Fun Fly | ROCKY BARNSTORMERS R/C CLUB | ICE BREAKER FLOAT FLY & FALL FLOAT FLY | Barnstormers Fall Fun Fly Aug 25, 26 at Perry's Pond - 5 miles North on Hwy 22 from Hwy 11. Turn Left past Echo Canyon go West 1 mile, turn rt (north) for 1/2 mile and turn left into site. Concession with pop, burgers and hotdogs. Self contained camping \$25 for the weekend. Non camping fliers \$5 for the weekend. Proof of valid MAAC

membership required. MAAC rules apply. Contact Derrick 403-845-9285 or Peter 403-845-6271 | 2018-688 |

**AUGUST 26, 2018 - SUNDAY** | Competition | 1 Day | CRAMS Fall Combat | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | Come join us for the CRAMS Fall Combat Wrap-up. Engine size 0.46 max or equivalent electric. All pilots must be MAAC members and hardhats (supplied at field) are mandatory. CRAMS field is located just south of Irricana off highway 9. Admission covers the BBQ lunch and supply of streamers. | 2018-941 | <http://www.crams.ca>

**SEPTEMBER 01, 2018 - SATURDAY** | Fun Fly | 2 Days | Fun Fly | SEXSMITH SKY RAIDERS RC CLUB | KERRY - HALF MILE WEST OF TOWN | No Website at this time. | 2018-995 |

**SEPTEMBER 08, 2018 - SATURDAY** | Competition | 2 Days | Q500 Pylon Race | MEDICINE HAT RC'ERS INC. | 5260 BOX SPRINGS RD. NW | Randy Smith | [pylon.guy@shaw.ca](mailto:pylon.guy@shaw.ca) | 2018 Q500 Pylon Race | 2018-953 | <http://MHRcers.ca>

**SEPTEMBER 08, 2018 - SATURDAY** | Fun Fly | 1 Day | Float | WINDY WEST R.C. CLUB | Park Lake Prov. Park - Boat launch area | Our last Float Fly of the season - blow-out day will be the Sunday. Come on out and join us before freeze-up. | 2018-939 |

**SEPTEMBER 08, 2018 - SATURDAY** | Fun Fly | 1 Day | ERCS Electric Fun Fly 2018 | EDMONTON RADIO CONTROL SOCIETY | ERCS field. | ERCS Electric Fun Fly is a long running tradition. Come on out to a day of anything electric that flies. No contests just fly to your hearts content! MAAC is required for all pilots. As always , a concession is there to fill your tank. There will be a draw for prizes. \$15 entry fee! | 2018-957 | <http://www.ercs.ab.ca>

**SEPTEMBER 08, 2018 - SATURDAY** | Fun Fly | 1 Day | CRAMS September Fun Fly | CALGARY RADIO AERO MODELLERS SOCIETY | FIELD | The Calgary Radio Aero Modeler Society (CRAMS) is happy to announce that our Annual Fun Fly will be held Saturday September 8th. One day event from 10am to 4pm, we welcome all types aircraft (unfortunately we cannot allow turbines) so all pilots with current MAAC or AMA membership are invited to attend We have a lean-to shelter and several picnic tables, but bring your lawn chairs for a front row seat! Our flying field is located just east of Irricana, accessed from highway 9 and east on Twp Rd 273 approximately 0.5km and we are on the North side. See our website for more information and directions. | 2018-1032 | <http://www.crams.ca>

**SEPTEMBER 15, 2018 - SATURDAY** | Fun Fly | 2 Days | Medicine Hat RC'ers 2018 Fun Fly | MEDICINE HAT RC'ERS INC. | 5260 BOX SPRINGS RD. NW | Colton Martin | Medicine Hat RC'ers 2018 Funfly Sept. 15-16 all day long. Free Rv camping on site (no power or water so bring your own) BBQ available for lunch,

and fun flying all day. | 2018-1031 | <http://MHRCCers.ca>

**SEPTEMBER 15, 2018 - SATURDAY** | Team Trials | 2 Days | F3D trials | CALGARY MINIATURE PYLON RACING ASSOCIATION | FIELD | F3D team trials are being held at the Calgary Miniature Pylon Racing Association field on Sept 15 & 16. | 2018-858 |

**SEPTEMBER 23, 2018 - SUNDAY** | Meeting/Seminar/Clinic | 1 Day | Annual Zone Meeting | CENTRAL ALBERTA RADIO FUN FLYERS (RED DEER) | 7.5 KMS E OF HWY 2 ON TOWNSHIP ROAD 374 | AZM location is the CARFF Club House. Bring along something to fly - weather permitting flying will take place at CARFF's beautiful flying field! | 2018-972 | <http://www.carff.ca>

**SEPTEMBER 29, 2018 - SATURDAY** | Fun Fly | 2 Days | Fall Fun Fly | ROCKY BARNSTORMERS R/C CLUB | MAIN FIELD | Barnstormers Fall Fun Fly Sept 29 - 30 at the Main Field. South on Hwy 11, turn rt onto Township Road 392, 1/2 km to flying site on your right. Self contained camping NC. Concession with pop, burgers, hot dogs. Potluck supper Sat evening NC. Proof of valid MAAC membership required. MAAC rules apply. Contact Peter 403-845-6271 | 2018-687 |

**OCTOBER 27, 2018 - SATURDAY** | Auction | 1 Day | ERCS Annual Auction | EDMONTON RADIO CONTROL SOCIETY | Baturyn Community Hall | ERCS Annual Auction Baturyn Community Hall 10505-172 Ave Edmonton Doors open at 8AM for consignment. First item on the Auction block at 10:00 AM All payments by Cash, Debit, or Credit Card (no cheques) Consignees: Auction fee is 15% of selling price. For more info and registration forms see ERCS website. This is a no reserve Auction !! Concession on site. Come out and join us in a day of fun and good company Bring all your old planes and accessories to sell. And you never know what you'll be taking home !! | 2018-1039 | <http://www.ercs.ab.ca>

**JANUARY 01, 2019 - TUESDAY** | Fun Fly | 1 Day | Polar Fun Fly | ROCKY BARNSTORMERS R/C CLUB | MAIN FIELD | Barnstormers Polar Fun Fly Jan 1, 2019, 10 am - 4 pm at the Main Field. South of Rocky on Hwy 11, turn rt. onto Township Road 392, 1/2 km to flying site on your rt. Heated Club house with coffee and cookies provided. Proof of valid MAAC membership required. MAAC rules apply. Contact Peter 403-845-6271 | Jan-19 |

## ATLANTIC - B

**JUNE 02, 2018 - SATURDAY** | Fun Fly | 2 Days | Mactaquac Float Fly | FREDERICTON MODEL AIRCRAFT CLUB | Mactaquac Provincial Park | The Fredericton Model Aircraft club will be holding its annual Mactaquac Float Fly at the Campers Beach at the provincial park on both Saturday June 2nd and Sunday June 3th from 9 am to 4 pm.

Camping available at the provincial park. MAAC or AMA membership is required. Enter the park gates, and follow the signs, through the campground area to the beach. Contact Rick at (506) 238-4101, [rick.kirkbride@bellaliant.net](mailto:rick.kirkbride@bellaliant.net) | 2018-969 | <http://flyFMAC.ca>

**JUNE 10, 2018 - SUNDAY** | Fun Fly | 7 Days | fathers day week | CAPE BRETON RADIO CONTROL MODELLERS | margaree airport | fathers day is a go this year | 2018-1042 | **JUNE 23, 2018 - SATURDAY** | Fun Fly | 1 Day | ASRCM Annual Funfly | ATLANTIC SOCIETY OF R/C MODELERS | FIELD | ASRCM is once again happy to host our Annual Fun Fly. The date is Saturday June 23th with the 24th as the designated rain date. Flying will begin at 9am and a free BBQ lunch will be provided. There is no entry fee and we hope to see you all out again this year! | 2018-1019 |

**JUNE 30, 2018 - SATURDAY** | Fun Fly | 1 Day | Float Fly | SOUTH SHORE RADIO CONTROL FLYING CLUB | Hyson Lake HWY 12 | 3rd annual float fly. BBQ available, bring your own food and beverage. | 2018-424 | <http://www.ssrcfc.ca/>

**JUNE 30, 2018 - SATURDAY** | Fun Fly | 1 Day | Warbird over Atlantic | MINIATURE AIRCRAFT SOCIETY OF TRURO | TRURO | MINIATURE AIRCRAFT SOCIETY OF TRURO. The annual WarBird over the Atlantic is again hosted by the Truro Club, and the event is on Saturday, June 30, 2018. Rain date is Sunday July 01, 2018. The event is open to all types of Military Aircraft in Military colours. Barbeque burgers and hot-dogs with pop or water free of charge courtesey of your zone. Hope to see you all there. MAAC or AMA current membership required. | 2018-1045 | <http://www.mast-rc.ca/>

**JULY 01, 2018 - SUNDAY** | Fun Fly | 1 Day | Annual Canada Day Fun Fly | BAY ST GEORGE FLYERS | BAY ST. GEORGE FLYERS FLYING FIELD | SUNDAY, JULY 1, 2018 Annual Canada Day Fun Fly welcomes spectators and visiting pilots. † MAAC/AMA membership required for pilots. † Entry Fee of \$5.00 includes lunch. † Special events celebrating Canada Day as well as events recognizing Memorial Day in Newfoundland. † (weather alternate June 30 or July 2) † | 2018-894 |

**JULY 14, 2018 - SATURDAY** | Fun Fly | 1 Day | 2018 SRCF Fun Fly | SHEARWATER RADIO CONTROL FLYERS | SHEARWATER DECOMMISSIONED RUNWAY | The Shearwater R/C Flyers will be holding their annual Fun-Fly at the old Shearwater 10,000 ft runway. Plenty of room for RVs, tents, and access to the MacDonald Beach Rec site, fun for the whole family. Friday evening, field is open for campers, and relaxed flying - main event Saturday (Sunday rain date). Sunday is open for flying as well. Contests, prizes, BBQ, fire pit, vendors, and swap-shop. | 2018-860 | <http://shearwaterflyers.proboards.com/>

**JULY 14, 2018 - SATURDAY** | Fun Fly | 1 Day | Mid summer gathering | KENT RC ASSOCIATION | 253 CHEMIN HAUT ST

ANTOINE SAINTE-MARIE-DE-KENT | Funfly, with the two best Helicopter pilots Colin Bell and Kevin St Cyr, free electricity on site, food available, Noon helicopter show, and evening flying with fireworks. Helicopters and Airplanes welcome must have MAAC or AMA | 2018-970 |

**JULY 28, 2018 - SATURDAY** | Fun Fly | 1 Day | 2018 Fly In | AVON RC FLYER'S | FIELD - 4499 HWY 14 WINDSOR FORKS | FUNFLY IS ON - GREAT DAY All Pilots are welcome to fly. The Avon RC Flyers are again hosting their Annual Air Show / Fun Fly on July 28/2018, rain date July 29/2018. Registration fee is \$10.00. There will be a BBQ and Prizes. We are located at 4499 Highway #14 on the Windsor Forks Road behind Daniel U-Pick Apple Orchard. | 2018-889 | <http://www.avonflyers.ns.ca>

**AUGUST 12, 2018 - SUNDAY** | Fun Fly | 1 Day | 6th Annual Open House & Fun Fly | SOUTH WEST FLYERS | ROLAND BOURQUE FIELD | 6th Annual Open House & Fun Fly. Once again join the South West Flyers to celebrate the camaraderie, challenge and FUN of R/C flying with like minded R/C flyers. There is no admittance to participate and BBQ'd burgers and hot dogs along with cold refreshment, will ease those inevitable hunger pains. All that is required is your up to date MAAC membership# and a willingness to have FUN. So, pack up early and make the trip down to the Roland Bourque R/C Flying field in friendly Yarmouth NS. | 2018-944 | <http://southwestflyers.com>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 1 Day | Annual fun fly | SOUTH SHORE RADIO CONTROL FLYING CLUB | Lynwood Joudrey Memoreal RC flying Field | SSRFC Annual fun fly. BBQ and refreshments available. Bring anything that fly's. Gas Nitro Electric and Helicopters. | 2018-425 | <http://www.ssrcfc.ca/>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 1 Day | 2018 Lawrencetown Slope Fest | HALIFAX ELECTRIC FLYERS ASSOCIATION | Lawrencetown Slope | Come join us for the 6th Annual Lawrencetown Slope Fest. It's the most R/C flying fun you can have without a motor! Slope soaring into lessons available. MAAC required for all flyers. Parking available at the Lawrencetown and Stoney Beach parking lots. Free overnight camping available within site of the slope at Vic and Mary's place. Rain date is Aug 19th. Contact Vic Ruzgys (CF Av8or on HEFA forum) for more info. | 2018-861 | <http://www.halifaxelectricflyers.com>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 1 Day | Helis East | WINGS OF WELLINGTON | FIELD - 520 MIDDLE DYKE ROAD KINGS CO. NS | Helis East Fun Fly at the Wings Of Wellington field. This fun fly is for helicopter & multi-rotor pilots, come and enjoy a great day of flying fun, and stretch your rotor blades with us. Freewill offering to help offset the food cost is always appreciated. (Lunch BBQ) Rain date will be the next day, August 19th,

start time will be at 10:00am for rain date. | 2018-920 | <http://wingsofwellington.ca/> **AUGUST 19, 2018 - SUNDAY** | Competition | 1 Day | IMAC | SOUTH SHORE RADIO CONTROL FLYING CLUB | Lynwood Joudrey Memoreal RC flying Field | IMAC competition. Landing fee \$10.00 to cover cost of event. | 2018-852 | <http://www.ssrcfc.ca/> **AUGUST 24, 2018 - FRIDAY** | Fun Fly | 3 Days | Eastern Canada Fun Fly | LES AILES DU MADAWASKA | Aeroport du Madawaska Inc. | Le Club Les Ailes du Madawaska, tiendront leur FUN FLY de l'EST du CANADA, les 24, 25 & 26 Ao<sup>t</sup> 2018 a l'aéroport d'Edmundston. Un rendez-vous pour modélistes et pilotes d'avions, jets et hélicoptères. Le Vendredi 24 ao<sup>t</sup> sera une journée de vol libre, les 25 et 26 Ao<sup>t</sup> seront journées ouvert au publique. Cantine, hangar pour la nuit (avec Électricité). Camping sur le terrain (sans service). Camping Provincial et motels a moins de 10km. L'aéroport est situé a la frontière Nouveau-Brunswick / Québec, sur l'autoroute 2. A surveillez pour les nouvelles sorties de l'autoroute. Pour plus d'information, visiter notre site web [www.lesailesdumadawaska.com](http://www.lesailesdumadawaska.com) ou contacter Roland Levesque, 506-739-8237, courriel: "rolandl@outlook.com", Luc Belanger 506-740-6083, courriel: "lucbelangers59@gmail.com" Les Ailes Du Madawaska will be hosting their annual "Eastern Canada Fun Fly" at the Edmundston municipal airport on August 24, 25 & 26th 2018. It's the perfect meeting place for hobbyists and pilots. Airplanes, Jets and Helicopters are welcome. Free flight day on Friday the 24, and Fun Fly open to the public on the 25 and 26th 2018. Concessions, hangar for night storage (with electricity). Camping on site with no services. Motels and Provincial Camping at less than 10km. The airport is located on side of the Trans Canada hwy #2 at the Quebec / New-Brunswick Border. For info you may check our web site at [www.lesailesdumadawaska.com](http://www.lesailesdumadawaska.com), or contact Roland Levesque, 506-739-8237, email: rolandl@outlook.com, or Luc Bélanger, 506-740-6083 email: lucbelangers59@gmail.com | 2018-392 | <http://lesailesdumadawaska.com> **AUGUST 25, 2018 - SATURDAY** | Fun Fly | 1 Day | Annual Fun Fly | APPLE VALLEY FLYERS | WALTER GATES FIELD | The Apple Valley Flyers annual Fun Fly will be Aug 25, 2018, rain day Aug 26, 2018. Visitors welcome, all flyers must have valid MAAC or AMA membership. BBQ lunch will be provided for registered participants. | 2018-1029 | <http://www.facebook.com/groups/415208688588038/> **SEPTEMBER 01, 2018 - SATURDAY** | Fun Fly | 1 Day | Annual Labour Day Fun Fly | BAY ST GEORGE FLYERS | BAY ST. GEORGE FLYERS FLYING FIELD | SATURDAY, SEPTEMBER 1, 2018, † Annual Labour Day Fun Fly. † Visitors welcome. MAAC/AMA membership required for pilots. † Entry Fee of \$5.00 includes lunch. (weather alternate September 2 or 3) | 2018-895 | **SEPTEMBER 08, 2018 - SATURDAY** | Fun

Fly | 1 Day | The Ches Lockhart Memorial Cup | AVON RC FLYER'S | FIELD - 4499 HWY 14 WINDSOR FORKS | Avon "RC Fliers is hosting the second annual Scale Fly In! The event is September 8th, 2018, with a rain date on September 9th, 2018. All planes must be a recognizable scale airplane. Gas, glow, electric, all are welcome as long as they are scale. There will a Pilots' Choice vote for the BEST OF SCALE. There will be a BBQ. We are located at #4499 Highway #14 behind Daniel U-Pick. Flying starts at 9:00 | 2018-890 | <http://www.avonflyers.ns.ca> **SEPTEMBER 13, 2018 - THURSDAY** | Air Show/Demo | 3 Days | Demoflight | SOUTH SHORE RADIO CONTROL FLYING CLUB | Greenfield Airport Liverpool | 3 day demo fun fly, Thursday, Friday and Saturday Landing fee to help the Airport. BBQ and refreshments available on a cash basis. Water, Power and Washroom on site. Bring anything that is safe to fly and have a blast for 3 day's. | 2018-853 | <http://www.ssrcfc.ca/> **OCTOBER 06, 2018 - SATURDAY** | Fun Fly | 1 Day | Octoberfest Fun Fly | WINGS OF WELLINGTON | FIELD - 520 MIDDLE DYKE ROAD KINGS CO. NS | Considered to be the last fun fly of the season, Wings of Wellington is once again proud to host the Octoberfest Fun Fly. Come out and enjoy a day of fun, feasting (BBQ), flying and fellowship. Freewill offering to offset food cost is appreciated. Rain date will be Oct 13th <https://www.facebook.com/groups/689306671183181> | 2018-925 | <http://wingsofwellington.ca/>

## BRITISH COLUMBIA - C

**MAY 25, 2018 - FRIDAY** | Fun Fly | 3 Days | KMAS Annual May Fun Fly | KAMLOOPS MODEL AIRPLANE SOCIETY | Tolko Airfield | Please join the Kamloops Model Airplane Society which is celebrating 25 years of Flying Enjoyment, at their 17th annual May Fun Fly. Start time - 9 a.m. every day Pilots' meeting - 10 a.m. every day Fees for this event are \$15 for the weekend, no fees for Spectators. Camping fees - donation to the club. There will be a swap meet on the Saturday of this event. Lunch concession available Friday and Saturday. Friday night hangar party, Saturday night dinner and Pancake breakfast Sunday. Draw to win a Timber, Inductrix BNF, Lipo batteries as well as other door prizes. For more info on our club or the event, visit [www.kmasrc.ca](http://www.kmasrc.ca) or our Facebook page. Hope to see you there! | 2018-704 | <http://www.kmasrc.ca/> **MAY 28, 2018 - MONDAY** | Fun Fly | 7 Days | SHUSWAP SPRING FLOAT FLY | GRINDROD AIR FORCE | SANDY POINT CAMPGROUND | Come May 28th to June 3rd for 7 DAYS OF FLOAT FLYING ON BC's SHUSWAP LAKE. This is the 42nd year for this event, so come and enjoy the beach and have some FUN ON THE WATER, and visit with old friends around the campfire. The retrieval boat Resque-One

will be available for those that need it. Lots of full hook-ups available and camping discounts will apply for MAAC and AMA members for the duration of the event. Pilot fee of \$10. applies. AFTER APRIL 16TH, contact the campground direct at 250-832-3793. or [www.sandypointcampground.ca](http://www.sandypointcampground.ca) for reservations. Grindrod contacts are; Trevor-norsworthy@telus.net Jack -- jbflyer@gmail.com DON'T FORGET YOUR "MAAC or AMA card" "REMEMBER THE CAMPGROUND DOES NOT ALLOW DOGS" Sorry.. | 2018-813 | **MAY 30, 2018 - WEDNESDAY** | Fun Fly | 5 Days | Spring Warm up | PRINCETON R/C JET FLIERS | FIELD - 153 AIRPORT RD. PRINCETON | Event open to all Turbine and high powered EDF models. Dry camping on site free with registration. Visitors bring your MAAC card for pit access | 2018-955 | **JUNE 02, 2018 - SATURDAY** | Fun Fly | 2 Days | Aubrey Foster Fun Fly | FSJ RC CLUB | Aubrey Foster Memorial RC Flying Field | Aubrey Foster Fun Fly, June 2 and 3 2018. Big grass field great for any size of aircraft. Barbecue Saturday at 6. Bring anything that flies and enjoy flying around with a friendly bunch of folks that enjoy what aviation at its best. Free onsite camping. The field is 15 minutes East of Fort St John. Feel free to phone or text Philip Lindberg, 250-219-3588 or Tom Dewetter 250-261-9298 for more details We always have the work bee the weekend before the fun fly. Come and stay the week if you wish. | 2018-867 | **JUNE 06, 2018 - WEDNESDAY** | Air Show/ Demo | 1 Day | Seniors' Day Airshow | KAMLOOPS MODEL AIRPLANE SOCIETY | Tolko Airfield | Kamloops Model Airplane society is pleased to host seniors from the retirement centers in Kamloops. There will be an airshow starting at 9:30 a.m. for all seniors to enjoy. | 2018-1035 | <http://www.kmasrc.ca/> **JUNE 08, 2018 - FRIDAY** | Fun Fly | 3 Days | B.C. Scale - Fun Fly | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch EVENT Field | MAAC Ad 2018 B.C. Scale Fun Fly June 8 - 10th, 2018. Bring your 'Sort of' or 'fully' Scale Airplane to enjoy our new 'Event' Flying site to show off your Scale Planes find out more about RC Scale and practice/share ideas. Location: Kamloops Tournament Capital - Ranch Directions: Off Hwy 1 Take Highway 5 North from Kamloops and go about 18.5 km see sign on West Side pointing to the Kamloops Tournament Capital Ranch. South on Hwy 5 it's 18.5km north of Kamloops. 5375 Yellowhead Highway. GPS Co-ordinates: Latitude - 50.831220 - Longitude -120.289415 Dry Camping Available - day early o.k. - City of Kamloops parking fee; \$16.50 for the event Details: <http://www.highcountryflyers.org/Activities.html> Just come and have fun and socialize. Judges and Flyers are welcome to practice share their knowledge and learn. Donation: Royal Inland Hospital Foundation. Contacts: Roly (250) 374-4405 or Mike (250) 558-0758 | 2018-843 | <http://www.highcountryflyers.org>



**JUNE 11, 2018 - MONDAY** | Fun Fly | 7 Days | 2018 Bulkley Valley RC Flyers Fun Fly | BULKLEY VALLEY R/C FLYERS | Burns Lake Airport | 2018 Bulkley Valley RC Flyers Fun Fly Note: Previous years were in Houston BC New location: Burns Lake Airport (YPZ), 20 km west of Burns Lake BC on Hwy 16 Father's Day weekend June 11 - 17, 2018 Dry Camping 2 rental units available, both with queen size beds Full public washrooms Saturday supper - Steak & Prawns. Put on by BVRFC Club. (Pilots & immediate family free, others will cost \$20.) Sunday morning breakfast - (Put on by BVRFC Club for pilots & immediate family.) Donations Welcome Further info: Contact Dave Hopper: 250-692-3035 [davern@telus.net](mailto:davern@telus.net) | 2018-974 |

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 1 Day | Float Fun Fly | KAMLOOPS MODEL AIRPLANE SOCIETY | Inks Lake | Join the Kamloops Model Airplane Society for a float fly at Inks Lake, Lac le Juene Road. Final Fees if any will be posted at a latter date for this event. The Launch location is being moved to allow all vehicles access. | 2018-872 | <http://www.kmasrc.ca/>

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 1 Day | Family & Friends Fun Fly | KELOWNA OGOPOGO RADIO CONTROLLERS | KORC MAIN FIELD - 10410 LODGE RD KELOWNA | Kelowna Opopogo Radio Controllers would like to invite everyone to this one day get-together event. Event starts at 9:00 am and runs to 3:00 pm. So come out to do some flying, meet some friends, and enjoy an awesome day. This is a Fun Day so there will be no pilot's fees. Bring your best planes and put on a show. Concession will be opened around 11:30 am and we will have Hamburgers & Hot Dogs as well as chips, water and soft drinks. Hope to see you all there - Thanks for participating. | 2018-980 | <http://www.korc.ca>

**JUNE 22, 2018 - FRIDAY** | Fun Fly | 3 Days | Vernon Aero Tow | ST ANNES RC AIR FORCE | 707-7995 ST ANNES RD OKANAGAN | Come and enjoy aero-towing beautiful large scale gliders in BC's Okanagan valley at a time when thermals are plentiful. Slope lift may also be available depending on wind direction thanks to the 300 ft slope just off the southeast end of the grass runway. Launch off the grass and land on large smooth area with no fences or obstructions to snag tow lines or cause damage during landings. Bring your sailplane with an aero-tow release installed Electric sailplanes can be flown but aerotowing activity takes precedence and will limit "electrics" flying time | 2018-1018 | <https://www.facebook.com/groups/1161637637208567/>

**JUNE 23, 2018 - SATURDAY** | Fun Fly | 2 Days | Dawson Creek Fun Fly | FSJ RC CLUB | Leer Airfield | Dawson Creek Fun Fly June 23 and 24. Come out and enjoy a fun weekend of aviation and friends. Beautiful 400' grass field with tables and power for charging batteries. PS bring a kite just in case its windy. Potluck style barbecue Saturday at 6, lots of

food so don't feel obligated to bring anything. Free onsite camping. Field located 5 mins North of Dawson Creek, at the end of the Micro Subdivision road by Precision Welding. Feel free to phone or text Philip Lindberg, 250-219-3588 | 2018-871 |

**JUNE 29, 2018 - FRIDAY** | Competition | 3 Days | Kamloops Pattern Challenge 2018 | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch EVENT Field | Kamloops Pattern Challenge 2018 Mark your calendars for June 30th and July 1st for the return of the Kamloops Pattern Challenge 2018. Now that I am retired, I won't have to rush back for work. This contest will not be cancelled, even if there is low attendance, but pre-registration would really be appreciated. The contest will be held at the tournament grounds north of Kamloops. More information is available at <http://highcountryflyers.homestead.com/> including a video of the flight area. This year we get the facilities for free, but you will have to pay \$16.00 to camp for the weekend. The cost of lunch is not included in the entry fee as there is a concession on-site that they would like us to support. So, the \$20.00 entry fee includes your flying, trophies, coffee and muffins in the morning and water. First time pilots fly free - I hope to see a lot of first time pilots there. Where else can you go for a good time for free. Pilots will be able to arrive on Thursday night and practice Friday. Pilots meeting will be 9:00 am Saturday. We will be flying the new MAAC Precision Aerobatics schedules found here, <http://f3acanada.org/canadian-precision-aerobatics-schedules/> FAI pilots will decide at the pilots meeting if they will only fly P or both P and F. If you have any questions, please call me Hartley Hughson 604 885 5085 [hughsonh@gmail.com](mailto:hughsonh@gmail.com) | 2018-902 | <http://www.highcountryflyers.org>

**JULY 06, 2018 - FRIDAY** | Fun Fly | 3 Days | High Country Flyers Annual All Bird Summer Fun Fly | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch EVENT Field | High Country Flyers Annual All Bird Summer Fun Fly - July 6, 7, & 8. Enjoy a fun time of flying, All Birds welcome, lots of room for Helicopters and Drones on adjacent fields. Location: Kamloops Tournament Capital - Ranch Directions: Off Hwy 1 Take Highway 5 North from Kamloops and go about 18.5 km see sign on West Side pointing to the Kamloops Tournament Capital Ranch. South on Hwy 5 it's 18.5km north of Kamloops. 5375 Yellowhead Highway GPS Coordinates: Latitude - 50.831220 - Longitude -120.289415 Dry Camping Available - day early o.k. - City of Kamloops \$16.50 for the event. Time: 08:00 AM to 05:00 PM Entry Fee: Donation to Royal Inland Hospital Foundation Contact Person: Roly Worsfold Contact Number: 250-374-4405 Contact Email: [rolydd@telus.net](mailto:rolydd@telus.net) Website: <http://highcountryflyers.homestead.com> | 2018-844 | <http://www.highcountryflyers.org>

**JULY 13, 2018 - FRIDAY** | Competition | 3 Days | 2018 BC Scale Classic | VERNON R/C AEROMODELLERS | FIELD - 4400 L & A CROSS RD VERNON BC | 2018 - 14th. Annual British Columbia Scale Classic - Vernon R/C Aeromodelers Society. The event will be held July 13th., 14th. & 15th., 2018. Friday night pizza "Hangar Party" and Saturday "Pot Luck" Supper" with provided Beef Dip on a bun - both included in registration fees for contestants; costs for guests T.B.A. Dry camping at the VRCAS field 10kms north of Vernon on L&A Cross Rd. off Hwy 97 or 97A (North of Swan Lake). You can't miss it! GPS +50° 20' 47.08", -119° 15' 8.07" This event is low key fun for beginners through to expert. Static Judging and Safety Inspections start Friday 12:30pm to 5:30pm. Saturday and Sunday Pilots meetings - 8:30am with gear up at 9:00am. 4 - 6 rounds of flying planned. \$40.00 entry fee per model; \$10.00 off for NorthWest Scale Aero-Modellers Membership or US Scale Masters Association Membership. Pre-registration encouraged to aid food planning and camping requirements! USSMA Rules format - The Categories are: Pro/Am-Sportsman (Fun Scale/Novice), Pro/Am-Pro (Experienced), Advanced (ARF's allowed in the first 3 classes), Team and Expert. Five mandatory manoeuvres; Take-Off, Straight Flight Through, Figure Eight, Landing & Realism of Flight - plus 5 optional manoeuvres that YOU pick that would be typical of your model. Awards for the top 3 in each category, plus Highest Static & Flight Scores. As well, scores count toward "Canadian World Championship Team Selection," North West Scale Championships and US Scale Masters qualification. Pilot's Choice Award, raffle & daily 50/50 draws. Note: A No Smoking field. More information: Roly Worsfold Ph: 250-371-2873 or e-mail: [rolydd@telus.net](mailto:rolydd@telus.net) Mike Allman Ph: 250-558-0758 or e-mail: [mike.rc.allman@gmail.com](mailto:mike.rc.allman@gmail.com) Website: <http://www.vrcas.org> For rules information: [www.uscalemasters.org](http://www.uscalemasters.org) | 2018-22 | <http://vrcas.org>

**JULY 28, 2018 - SATURDAY** | Fun Fly | 2 Days | 100 Mile Fun Fly | 100 MILE MODEL FLYERS | 900 AINSWORTH RD. 100 MILE HOUSE | 100 Mile Model Flyers Invites you to attend our annual summer fun fly. JULY 28th & 29th 2018. Dry camping at field. Come early stay a day or two after. Flying from 9am to 4pm. nite flying, combat and games. All types of aircraft welcome. No landing fees. Pilots must have M.A.A.C. There will be pilot prize draws We apologize to those who planned to attend last year. Mother nature and the wild fires had other plans. Hope you will attend this year. See you there. Event will be held at 100 Mile Model Flyers home field. 900 Ainsworth Rd. turn at railway overpass 2 kilo meters south of 100 Mile. Follow signs. Centrally located in Zone C, great place for members from north to meet with members from the south. Hotels, Motels, and other amenities 10 min away Please let us know if planning

to attend. Early bird camping is available. Contact: Bill Hood 250-397-2575 billnlinda@bcinternet.net John Code call or text 250-706-8305 thecodejc@gmail.com Denis Doucette 250-397-2125 drsmdoucette@gmail.com. | 2018-968 |

**JULY 30, 2018 - MONDAY** | Fun Fly | 7 Days | 2018 August Float Fly | BULKLEY VALLEY R/C FLYERS | Dave Hopper | 2018 August Float Fly July 30 - August 6th 2018 Hopper's Residence on Burns Lake Saturday night Pot Luck dinner Make a holiday of it Further info: Contact Dave Hopper: 250-692-3035 davern@telus.net | 2018-975 |

**AUGUST 03, 2018 - FRIDAY** | Fun Fly | 3 Days | Wester Canada Heli Fun Fly | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch EVENT Field | Event will be held at the tournament capital ranch 15 min north of Kamloops BC. Camping \$16 for the event. Contact Barry Forsyth for more info E-Mail bares@telus.net 250-376-4603. Helis only no airplanes please. Pilot prizes. Hot food on site. Hotels 15 min away. Should be a big event this year. Huge flying field. Just Helis this year please, way more flying space and flight stations. | 2018-456 | <http://www.highcountryflyers.org>

**AUGUST 12, 2018 - SUNDAY** | Fun Fly | 1 Day | All Club Invitational | SHUSWAP LAKE AERO MODELERS | SHUSWAP LAKE AERO MODELERS FIELD | Fun Fly 1day SLAM ALL CLUB INVITATIONAL SHUSWAP LAKE AERO MODELERS FIELD - Blind Bay You are invited to join us for a day of relaxed flying and comradery with modelers from other clubs in our region. Open FIXED WING flying all day. NON -FIXED WING with approval at the event. Sorry, NO 3D during event hours. We will treat you to our famous SLAM LUNCH of Hamburgers, Hot Dogs, & Cold Drinks. Maybe bring 2 planes..."just in case" | 2018-815 | <http://www.slams.ca>

**AUGUST 17, 2018 - FRIDAY** | Fun Fly | 3 Days | 22nd High Country Giant Scale and Big Bird Fly-In | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch EVENT Field | 22nd High Country Giant Scale and Big Bird Fly-In - High Country Flyers Hosted by: Fraser Valley and Thompson-Okanagan Big Birds - British Columbia August 17th, 18th and 19th 2018 - Wed. Early Flyers Welcome Warbirds - Classic Scale - Sport MAAC Giant Scale Rules 80 inches+ Wing Span or ° Scale - Bi-Planes 60 inch. Come and enjoy a relaxing FUN weekend. NEW location: The Kamloops Tournament Capital - Ranch 5375 Yellowhead Highway GPS Coordinates: Latitude - 50.831220 - Longitude -120.289415 or: Latitude - 50° 27' 37.9583" - Longitude -120° 00' 24.3036" Optional RC Scale Judging available on one pilot station while others fly. Landing Fees: Donation to Royal Inland Hospital Foundation. Dry Camping: \$16.50 for event, Fri. Social - Sat. night Pot Luck Barbecue - Beef on the Bun & extras provided Open Flying Area - No 3-D Flying (after 4PM o.k.) Contact Roly-

Ph.250-374-4405- rolydd@telus.net or Robert Scheer - (250) 376-5174 - bob.scheer@telus.net e-mail: or Chris sparkyjones@shaw.ca - Ph: 604-597-4111 Website: www.highcountryflyers.homestead.com | 2018-845 | <http://www.highcountryflyers.org>

**AUGUST 19, 2018 - SUNDAY** | Fun Fly | 1 Day | Penmac Float Fly | PENTICTON MODEL AVIATION CLUB | PYRAMID PARK/ KICKINEE PROVINCIAL PARK | Penticton Aviation Club is having a float fly with draws, and lunch on site. Registration will begin at 07:00 with pilot meeting at 08:00. current MAAC registration required. | 2018-930 | <http://www.penmac.org>

**AUGUST 31, 2018 - FRIDAY** | Fun Fly | 4 Days | Larry Christensen Memorial Fun Fly | VERNON R/C AEROMODELLERS | FIELD - 4400 L & A CROSS RD VERNON BC | The 23rd. Annual Larry Christensen Memorial Fun Fly will be held at the Vernon R/C Aeromodellers field north of Swan Lake starting Friday August 31st., 2018; 9:00am until Labour Day Monday afternoon. No landing fee, free parking available for RVs beginning Tuesday, August 28th. after lunch (first come, first serve), this is a non-smoking site. Daily 50/50 draws, possible on site concession. See website [www.vrcas.org](http://www.vrcas.org) for info & location map. Contact Conrad Papointe at: [chevrolettrucks41@gmail.com](mailto:chevrolettrucks41@gmail.com), 250-503-8543 (text only) or Greg Milne at: [gdm-milne@shaw.ca](mailto:gdm-milne@shaw.ca) | 2018-687 | <http://vrcas.org>

**SEPTEMBER 04, 2018 - TUESDAY** | Fun Fly | 6 Days | Slam Fall Classic Float Fly | SHUSWAP LAKE AERO MODELERS | Sandy Point Resort & Campground | Fun Fly 6 days SLAM FALL CLASSIC FLOAT FLY SHUSWAP LAKE AERO MODELERS Sandy Point Resort & Campground. Come share this beautiful flying site and comradery with other Pacific Northwest modelers at the largest float event in the region. Registration begins Tuesday September 4th and continues through Sunday September 9th when Awards & Raffle Prizes will be presented. A retrieval boat will be available all during the event. Your \$15 'slashdown fee' includes unlimited flying at this beautiful site, pilot's prizes and a cornroast. We also offer a raffle with super prizes, 50/50s pie & ice-cream & more. Sandy Point Resort is located 5 km West of Salmon Arm and accepts reservations @ 250-832-3793. Regrettably, THEY DO NOT ALLOW DOGS. Contact: [www.slams.ca](http://www.slams.ca) | 2018-812 | <http://www.slams.ca>

**SEPTEMBER 10, 2018 - MONDAY** | Fun Fly | 7 Days | WKMC Float Fly | WEST KOOTENAY MODEL CLUB | New Denver Camp Ground | West Kootenay Model Club Float Fly September 10th - 16th at New Denver Camp Ground. Please leave overly noisy models at home due to local noise bylaws. Jim Davis 250 304 4997 | 2018-967 |

**SEPTEMBER 14, 2018 - FRIDAY** | Fun Fly | 3 Days | Kamloops Aero-Tow & Glider Gathering | HIGH COUNTRY FLYERS |

Kamloops Tournament Capital - Ranch EVENT Field | Come and join us for the 2018 Kamloops Aerotow (and more!), September 14-16. Although aerotow-centric, this will be a multi-disciplinary fun fly as we have a great field and lots of wide open spaces, so electric sailplanes/winch/high-start/DLG will all be welcome. This will be a great opportunity for all brands of the sailplane hobby to get together and share fun and experiences.

- Dry Camping available \$16.50 for the event. - On-Site Concession. - Power for Charging available. | 2018-1008 | <http://www.highcountryflyers.org>

**SEPTEMBER 19, 2018 - WEDNESDAY** | Fun Fly | 5 Days | Gerard McHale Memorial rally | PRINCETON R/C JET FLIERS | FIELD - 153 AIRPORT RD. PRINCETON | Event open to all Turbine powered and high power EDF Jets. Dry camping on site free with registration. MAAC members bring your MAAC card for out access. | 2018-956 |

**OCTOBER 12, 2018 - FRIDAY** | Fun Fly | 3 Days | End of Summer Fall Fun Fly | HIGH COUNTRY FLYERS | Kamloops Tournament Capital - Ranch EVENT Field | End of Summer Fall Fun Fly at the Tournament Capital Ranch for a big finish to the summer for October 12 to 14, 2018. An all bird fly for everyone to enjoy ...planes big or small, helicopters, gliders, even Drones. A course will be setup to have some fun. Dry Camping allowed - fee \$16.50 for the weekend. So come enjoy the day or even a camping night should be lots of fun. Even get in some night flying ...gliders...or helicopters. We will have use of the lights for night flying too. Just a fun weekend ...with friends. Donations accepted for Royal Inland Hospital and also will do a 50/50. Contact Barry or Judy bares@telus.net 250-376-4603 Check out website: <http://www.highcountryflyers.org/> | 2018-847 | <http://www.highcountryflyers.org>

**OCTOBER 27, 2018 - SATURDAY** | Swap Shop | 1 Day | Kamloops RC Airplane Swap Shop | HIGH COUNTRY FLYERS | Kamloops Indian Band - Pow Wow Grounds | Judy | 250-320-3140 | [five.grama@gmail.com](mailto:five.grama@gmail.com) | Kamloops RC Airplane Swap Shop October 27, 2018 Come join your fellow builders, flyers, and collectors in swapping, selling, and trading your best kept treasures for those of others. Some of the best deals ever are concocted at the Swap Shop. Even if you just want to come and catch up with your long lost flying buddies and swap stories, there will be lots of treasures. Tables are \$10 each; entry fee for all others is \$3. Open to Sellers at 7:30 am, doors open to buyers at 9 am. Usually goes till 1 pm but the best deals happen before noon. Sellers: \$12.00 per table - Vendor Unloading: 07:30 - 9:00 Absolutely No Selling before 9AM Buyers: Entry Fee: \$3.00 Time: 09:00 AM Location: Kamloops Indian Band - Moccasin Gym 200-330 Chief Alex Thomas Way, Kamloops, BC Go North from Hwy #1 on Hwy #5 take a right at the first light then the 1st Right past the Petro-Can

turn off & go straight down to the hall on the left. - Coffee & Cookies available. \*No Selling before 09:00 | 2018-846 | <http://www.highcountryflyers.org>

## MANITOBA - D

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 2 Days | Pram Float Fly | PATRICIA REGION AEROMODELERS INC | Rugby Lake Lodge | This year we have a new date in June and a new location for our annual float fly. Rugby Lake Lodge has graciously allowed us to use their beautiful site for our float fly this year on a trial for future events. They have camp sites available to book. You can contact the lodge at 807-937-5653 to book a camp site. We will have BBQ hamburgers and Smokies for lunch at a nominal fee. The BBQ will be available for anyone that wants to cook something for supper and we will have Hamburgers and smokies also. So Bring a chair and come out and enjoy beautiful Rugby Lake | 2018-1013 | **JUNE 29, 2018 - FRIDAY** | Fun Fly | 4 Days | CANADA DAY FLYIN & CAMPOUT | INTERLAKE RADIO CONTROL MODEL CLUB | Gimli Model Fest airfield | CANADA DAY FLYIN & CAMPOUT at the fantastic Gimli r/c field, hosted by the Interlake Radio Control Model Club! GIMLI - YOUR SUMMER R/C VACATION DESTINATION on beautiful Lake Winnipeg! Google Gimli Manitoba! Check the IRCMC Facebook group page for updates <https://www.facebook.com/groups/ircmc/> Un-serviced camping at the flying field, or stay in Gimli, motel, B&B, rent a cabin on the lake or make a day trip. Bring your own grub, Subway, Tim Hortons etc. in Gimli seven minutes from the field. Porta potties on site. Quiet inverter type generators recommended. No prizes, no impound, no hassle, just show up and fly and hang out with fellow pilots. Over-night airplane storage in the container. Open to all MAAC or AMA members, must have MAAC or AMA insurance. Come earlier - stay later ok! Send the wife and kids to the huge beach! Canada Day celebrations and fireworks in town. Fee: free with your \$30.00 annual Interlake Radio Control Club membership, memberships taken on site. Direct camp & fly inquiries to: Dan at [mikecamrc@gmail.com](mailto:mikecamrc@gmail.com), Keith at [keithdirvine57@gmail.com](mailto:keithdirvine57@gmail.com), Ken at [kenkalynuk@gmail.com](mailto:kenkalynuk@gmail.com) | May-18 | <https://www.facebook.com/groups/ircmc/> **JULY 07, 2018 - SATURDAY** | Fun Fly | 2 Days | Pram fun fly | PATRICIA REGION AEROMODELERS INC | PATRICIA REGION AERO MODELLERS | Prams annual funfly at our Johnston rd location will be held on July 7 and 8 this year. Dry camping is available at the field....picnic tables onsite, bring a chair. Firepit at night for some bonfire flying. lunch of BBQ'd burgers and smokies will be available for a small fee. MAAC or AMA required. Runways will be groomed and pits ready for anything. We will have all kinds of

flying machines, combat demos , fpv racers , scale warbirds, jets, as well as foamys trainers and anything else that will fly. So come on out and have some fun. and bbqs will be available if you want to cook your supper at the field. | 2018-934 |

**AUGUST 03, 2018 - FRIDAY** | Fun Fly | 4 Days | August Long Weekend Camp & Fly | INTERLAKE RADIO CONTROL MODEL CLUB | Gimli Model Fest airfield | Interlake Radio Control Model Club August Long Weekend CAMP & FLY at the awesome Gimli r/c field, No prizes, no contests, no impound, no hassle, just show up and fly and hang out with fellow pilots. GIMLI - YOUR SUMMER R/C VACATION DESTINATION! Google Gimli Manitoba! Check the IRCMC Facebook group page for updates <https://www.facebook.com/groups/ircmc/> Un-serviced camping at the flying field, or stay in Gimli, motel, B&B, rent a cabin on the lake or do a day trip. Bring your own grub, Subway, Tim Hortons etc. in town. Porta potties on site. Quiet inverter type generators recommended. A weekend of ground pounding, worm burning flying! Great flying tune-up for GMF. Campfire at night. Over-night airplane storage in the container storage. Open to all MAAC or AMA members, must have MAAC or AMA insurance. Fee: free with your \$30.00 annual Interlake Radio Control Club membership, memberships taken on site. Direct camp & fly inquiries to: Dan at [mikecamrc@gmail.com](mailto:mikecamrc@gmail.com), Keith at [keithdirvine57@gmail.com](mailto:keithdirvine57@gmail.com), Ken at [kenkalynuk@gmail.com](mailto:kenkalynuk@gmail.com) | Mar-18 | <https://www.facebook.com/groups/ircmc/> **AUGUST 12, 2018 - SUNDAY** | Fun Fly | 1 Day | Winkler Wings Fun Fly | WINKLER WINGS - R/C FLYING CLUB | Winkler Wings - R/C Flying Club | Join the Winkler Wings - R/C Flying Club for our 2018 Fun Fly on Sunday, August 12, 2018 from 1:00 pm to 8:00 pm. Pilots must be MAAC or AMA members to fly. Bring your lawn chairs. There will be food and drinks available to purchase. We will have our Fun Fly on the same weekend that Winkler has the Harvest Festival. The Festival usually concludes with a show of fireworks. Therefore, we will end our event at 8:00 pm to give spectators and pilots time to make it to the Festival grounds for the fireworks. Directions to Our Flying Field: North of Winkler along Hwy 428. Approximately 2.5 km north of highways junction 14, 32 and 428. Field is to the east side of Hwy 428. | 2018-1014 | <https://www.winklerwings.com/>

**AUGUST 17, 2018 - FRIDAY** | Fun Fly | 3 Days | Gimli Model Fest 2018 | INTERLAKE RADIO CONTROL MODEL CLUB | Gimli Model Fest airfield | Gimli Model Fest 2018, come for the weekend, stay for the week. Simply the best flying site in the nation. Open skies, flying dusk to dawn. Campfires at night. Flying demonstrations on Saturday and Sunday to entertain the paying spectator. "The Keith" will announce what you have. It's all about a good time, camping, flying,

campfires.. Politic Free Zone. Saturday night dinner. Plenty of porta-johns. Campsite quiet generators welcome, leashed pets welcome,, (so are the kids....!!) Great Beach and restaurants near by in Gimli. BRING THE FAMILY!! Bring em.. Fly em. | 2018-1034 | <https://www.facebook.com/groups/ircmc/> **AUGUST 25, 2018 - SATURDAY** | Fun Fly | 1 Day | 2018 Fun Fly | DIAMOND ACES R/C FLYING CLUB | Diamond Aces RC Flying Club Inc | The Diamond Aces RC Flying Club Inc annual Fun Fly will be Aug 25, 2018. If you want to fly, proof of MAAC Membership must be presented. There are no rain dates, or fees. There will be a pilot draw. A food vendor will be on site over the noon hour. There are also many restaurants and fast food establishments nearby. Our motto is "Fly Safe - Have Fun". Come fly with us, meet other RC enthusiasts and enjoy our great hobby. | Aug-18 | <http://www.diamondacesrc.ca> **AUGUST 31, 2018 - FRIDAY** | Fun Fly | 4 Days | FALL LONG WEEKEND FLY-IN & CAMP-OUT | INTERLAKE RADIO CONTROL MODEL CLUB | Gimli Model Fest airfield | FALL FLY & CAMP - September Long Weekend at the magnificent Gimli r/c field hosted by IRCMC. Weather Permitting! Check the IRCMC Facebook group page for field & Wx updates <https://www.facebook.com/groups/ircmc/> No prizes, no contests, no impound, no hassle, just show up and fly and hang out with fellow pilots. A long weekend of ground pounding, worm burning flying! Un-serviced camping at the flying field, or stay in Gimli, motel, B&B or rent a cabin on the lake or do a day trip. Bring your own grub, Subway, Tim Hortons etc. in town. Porta potties on site. Quiet inverter type generators recommended Campfire at night. Over-night airplane storage in the container storage. Open to all MAAC or AMA members, must have MAAC or AMA insurance. Come earlier - stay later ok! Fee: free with your \$30.00 annual Interlake Radio Control Club membership, memberships taken on site. Direct camp & fly inquiries to: Dan at [mikecamrc@gmail.com](mailto:mikecamrc@gmail.com), Keith at [keithdirvine57@gmail.com](mailto:keithdirvine57@gmail.com), Ken at [kenkalynuk@gmail.com](mailto:kenkalynuk@gmail.com) | Apr-18 | <https://www.facebook.com/groups/ircmc/> **SEPTEMBER 08, 2018 - SATURDAY** | Fun Fly | 2 Days | Fall Fun Fly | LAKE OF THE WOODS AEROMODELERS | Main Field Wheels | The summer is winding down, The leaves are changing color. The bugs are no more. Its not too hot. It is a great time to get together and visit with friends, before the winter season drives us back into our basements. | 2018-994 | **E** | May 26, 2018 - Saturday | Fun Fly | 1 Day | Spring Float Fly | NIAGARA REGION MODEL FLYING CLUB | BIEDAS FLOAT FLY FIELD | The first one of 2018! Take off the wheels, put on the floats and get ready to have some fun! Enjoy flying at arguably one of the best Float Fly venues in the region! (952 Foss Rd., Fenwick, ON.) \$5 Splash Down Fee includes

a free BBQ lunch. Bring your lawn chair, sunscreen and enjoy a great day of flying off the water with fellow pilots and friends. Rain Date: May 27th | 2018-699 | <http://www.nrmfc.ca>

## MIDDLE - E

**JUNE 09, 2018 - SATURDAY** | Competition | 1 Day | Fergus Model Flyers Pattern Primer | FERGUS MODEL FLYERS INC. | FARM - 6245 JONES BASELINE FERGUS, ON | Fergus Model Flyers Pattern Primer A one day Precision Aerobatics Contest Saturday, June 9, 2018 All classes. Any MAAC legal airplane can be flown in Sportsman. FAI will fly P17. Registration 8:30 am. Start Time 9:00 am. Entry fee is \$20.00 (includes lunch) Please pre-register by mail, email or phone to the CD, Paul Brine 519-787-5144 or [pbrine@uoguelph.ca](mailto:pbrine@uoguelph.ca). Send no money. Pay at the contest. Sorry, camping is not allowed at the field. No flying before 9 am. The field is located on the east side of Jones Baseline south of Fergus. The field entrance is between fire # 6245 and 6241 and marked with a sign. Closest address is 6241 Jones Baseline, Fergus. Approximate GPS coordinates: 43.693787, -80.343919. The entrance to the club is located to the right of the red brick farm house located on the east side of Jones Baseline. Email the CD for detailed directions. | 2018-1015 |

**JUNE 09, 2018 - SATURDAY** | Fun Fly | 2 Days | BRCM Annual Float Fly | BURLINGTON RADIO CONTROL MODELERS CLUB INC. | Christie Conservation Area | BRCM ANNUAL FLOAT FLY CHRISTIE CONSERVATION AREA JUNE 9 and 10 2018 From 10 AM to 4 PM The Burlington R/C Model club invites you to participate or just watch the models flying from the water at our Annual Float Fly. The park features boating, fishing and picnic areas. Enjoy Boris's BBQ Sausages at Lunch time. Bring the entire family and enjoy the facilities and the flying exhibition! For more information call: - Ian Wismayer (905) 339-9255; or - Boris Fediusko (905) 627-4915. The CHRISTIE CONSERVATION AREA PARK is located on #5 Highway west of #6 Highway near Hamilton Ontario. Watch for signs. (There is a Park admission charge per car) | 2018-943 | <http://www.brcm.org>

**JUNE 23, 2018 - SATURDAY** | Fun Fly | 1 Day | Guelph Gremlins Annual Spring Fun Fly | GUELPH GREMLINS MODEL FLYING CLUB INC. | FIELD - 8623 WELLINGTON RD.124 GUELPH | The Guelph Gremlins are hosting their annual spring Fun Fly on Saturday, June 23rd between 10:00 am and 3:00 pm at the Gremlins field (rain date June 24th). Save this date, load the family in the car and come join us for a fun day of flying and games. BBQ with all the trimmings around noon. 50/50 draw. This is a no charge event and everyone interested in model aviation is welcome. For

additional information on the Gremlins club including directions and map to the field go to: [https://www.maac.ca/en/clubs\\_details.php?club\\_id=75](https://www.maac.ca/en/clubs_details.php?club_id=75) Facebook page <https://www.facebook.com/guelphgremlins/> For additional information contact Leon Lewis [ljewis42@gmail.com](mailto:ljewis42@gmail.com) | 2018-874 | <http://www.guelphgremlins.ca>

**JULY 14, 2018 - SATURDAY** | Fun Fly | 1 Day | 2018 Charity Fun Fly | NIAGARA REGION MODEL FLYING CLUB | WALKER FIELD | This is the BIG one! Open to the public! Bring a lawn chair, some sun screen and prepare to be entertained! Jets, prop planes, aerobatic, scale and sport will be tearing up the skies with some incredible flying! BBQ burgers, hot dogs, fresh cut French fries and drinks available on-site. Draw prizes to be given away in the afternoon. Bring the family, meet the pilots, see some amazing planes and enjoy your own private Air Show, up front and personal! Rain Date July 15th. Proceeds to support the Niagara Children's Centre | 2018-694 | <http://www.nrmfc.ca>

**JULY 14, 2018 - SATURDAY** | Fun Fly | 1 Day | CMACi Fun fly | CAMBRIDGE MODEL AERO CLUB INC. | CMACI FIELD | Please come out to our flying field and enjoy a day of flying BBQ and some laughs. | 2018-1037 | <http://cmaci.50webs.com>

**JULY 21, 2018 - SATURDAY** | Fun Fly | 1 Day | Soggi Fun Fly | SOUTHERN ONTARIO GLIDER GROUP INC. | 703 HIGHWAY NO 6 | On Saturday July 21, 2018 the Southern Ontario Glider Group (SOGGI) will hold an Fun Fly at the Highway 6 field just north of Caledonia. The Fun Fly is open to all line, electric and hand launch launch sailplanes. Flight Lines will be setup for separate Line and electric launch. Participants may bring their own winches or hi-starts. Anything from a UMX Radian to a 4m Xplorer are welcome. Come out and check out organized soaring in a friendly, welcoming environment. There will be a spot landing contest and certificates will be presented for longest flight, longest total flight time, best and worst landings. No entry fees. A BBQ will be held, with hot dogs and soft drinks available. Proof of MAAC or AMA membership is required. Pilots from other clubs, helpers etc. are most welcome. For directions to the field or any other information please contact CD Adam Maas, 416-452-0077, [adam@mawz.ca](mailto:adam@mawz.ca) If the weather is unsuitable a new date will be agreed at the field on the day, or by email if the weather forecast results in cancellation beforehand. | 2018-991 | <http://www.soggi.ca>

**AUGUST 04, 2018 - SATURDAY** | Fun Fly | 1 Day | Garth Mitchel Memorial Float Fly | NIAGARA REGION MODEL FLYING CLUB | BIEDAS FLOAT FLY FIELD | Come experience Float Flying at its best! World class man-made lake boasts and ideal setting. Easy access to flying site, launching area and retrieval. PLUS great company! \$5 Splash Down Fee includes a free BBQ lunch. Rain Date: August 5th, 2018 | 2018-698 | <http://www.nrmfc.ca>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 1 Day | 8th Annual Vintage Fly-In | ROSE CITY MODEL FLYERS INC. | Marshville Air Park | This is the Rose City Model Flyers will be hosting their 8th Annual "Vintage Fun-Fly" at the Marshville Airpark on Saturday 18th August. A beautiful farm country with clear skies to be filled with model aircraft representing the early days of aviation history. Spectators are welcome to come out and watch this model air show. Models representing any Aircraft from the beginning of flight to 1939 are welcome to participate. Remember, ONLY MODELS OF AN AIRCRAFT THAT ACTUALLY EXISTED FROM THIS TIME PERIOD WILL BE ALLOWED. Bring your lawn chairs and sun-screen. There will be a BBQ and drinks available, along with door prizes, All MAAC and AMA members welcome to fly. There is limited camping space for 10 units available. If you wish to camp Friday and / or Saturday night, please contact Bob Gunter at [rgunter1@cogeco.ca](mailto:rgunter1@cogeco.ca) or Andy Fakla at [afakla@cogeco.ca](mailto:afakla@cogeco.ca). It is first come first serve, so please ensure there are spots available before attending with a tent or trailer. There are no electricity or water facilities on site. We may attempt some night flying on Saturday evening. Once the event is over at 3pm, model aircraft of any type, will be permitted to fly for those who wish to stay longer or overnight. Rain-date is Sunday 19th August. | 2018-964 | <http://www.rosecitymodelflyers.com>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 1 Day | F3RES | SOUTHERN ONTARIO GLIDER GROUP INC. | 703 HIGHWAY NO 6 | SOGGI F3 "(J)" RES type sailplane event. High-Start Line launch. All 2 meter sailplanes allowed. Launching may be modified to try and standardize the models by weight. Task window to be determined on the day at pilots briefing. | 2018-993 | <http://www.soggi.ca>

**AUGUST 25, 2018 - SATURDAY** | Fun Fly | 1 Day | Guelph Gremlins Annual Fall Fun Fly | GUELPH GREMLINS MODEL FLYING CLUB INC. | FIELD - 8623 WELLINGTON RD.124 GUELPH | The Guelph Gremlins are hosting their annual Fall Fun Fly on Saturday, August 25th between 10:00 am and 3:00 pm at the Gremlins field (rain date August 26th). Save this date, load the family in the car and come join us for a fun day of flying and games. BBQ with all the trimmings around noon. 50/50 draw. This is a no charge event and everyone interested in model aviation is welcome. For additional information on the Gremlins club including directions and map to the field go to: [https://www.maac.ca/en/clubs\\_details.php?club\\_id=75](https://www.maac.ca/en/clubs_details.php?club_id=75) Facebook page <https://www.facebook.com/guelphgremlins/> For additional information contact Leon Lewis [ljewis42@gmail.com](mailto:ljewis42@gmail.com) | 2018-873 | <http://www.guelphgremlins.ca>

**SEPTEMBER 08, 2018 - SATURDAY** | Air Show/Demo | 2 Days | KW Flying Dutchmen Scale Rally | KITCHENER WATERLOO FLYING DUTCHMEN R/C

CLUB | WATERLOO ROD & GUN CLUB | 49th Annual KW Flying Dutchmen Scale Rally Waterloo Rod & Gun Complex (Near St. Jacobs) September 8 & 9th, 2018 Saturday 9:00 a.m. - 5:00 p.m. Sunday 9:00 a.m. - 3:00 p.m. Friday night we welcome the pilots with a corn roast in the evening. Flying begins at 9 a.m. each day, after the pilots meeting, and continues until 5 p.m. on Saturday and 3 p.m. on Sunday. Saturday Night - Wine & Cheese 5-6 pm for pilots, Hamburgers & Hotdogs available after Wine and Cheese. There is also an "Air Show" at 1:00 p.m. on both both days featuring aircraft from various eras, unique planes, helicopters, multi-engine aircraft and jets. On site camping available, first come first serve. \$10 per night, \$15 with hydro. (limited sites). 72 mhz allowed but no impound available. Frequency pins will be self regulated. Admission is \$7 per day for spectators, kids under 12 years \$1 per day. Pilots are Free!!! | 2018-932 | <http://www.kwflyingdutchmen.com>

**SEPTEMBER 15, 2018 - SATURDAY** | Fun Fly | 1 Day | Fall Float Fly Finale | NIAGARA REGION MODEL FLYING CLUB | BIEDAS FLOAT FLY FIELD | The last chance to get your floats wet before the end of the year! Enjoy an amazing day of flying from one of the best Float Fly sites in the region. \$5 Splash Down Fee gets you a full day of flying and a BBQ lunch! Rain Date: September 16th | 2018-697 | <http://www.nrmfc.ca>

**SEPTEMBER 22, 2018 - SATURDAY** | Competition | 1 Day | SOGGI ALES Contest | SOUTHERN ONTARIO GLIDER GROUP INC. | 703 HIGHWAY NO 6 | On Saturday September 22, 2018 the Southern Ontario Glider Group (SOGGI) will hold an Altitude Limited Electric Soaring (ALES) Contest at the Highway 6 field just north of Caledonia. Contestants sailplanes will need to be fitted with a device to limit launch altitude to 200 meters. No entry fees. Registration starts at 9:00 am, pilots briefing at 9:30, contest start at 10:00. Proof of MAAC or AMA membership is required. Pilots from other clubs, helpers etc. are most welcome. For directions to the field or any other information please contact CD Andy Meysner, 905 279 0173, [meysner@sympatico.ca](mailto:meysner@sympatico.ca). If the weather is unsuitable a new date will be agreed at the field on the day, or by email if the weather forecast results in cancellation beforehand. | 2018-947 | <http://www.soggi.ca>

## NORTHERN ONTARIO - F

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 1 Day | Annual fun fly | SUDBURY MODEL AIRCRAFT CLUB | GARSON/CONISTON ROAD SUDBURY | SMAC Annual Zone Fly - June 16, 2018.pdf | 2018-530 | <http://smac.vianet.ca>

**JUNE 23, 2018 - SATURDAY** | Fun Fly | 1 Day | Upper Great Lakes Yearly Fun Fly | SAULT STE MARIE MODEL AIRPLANE RADIO CONTROL CLUB | LEIGH'S BAY ROAD |

Our annual fun fly, on our fabulous site on Leigh's Bay. All aircraft types welcome; jets, Scale Aerobatics, float planes trainers. MAAC membership required. Contact Craig for any additional details | 2018-832 |

**JULY 14, 2018 - SATURDAY** | Fun Fly | 1 Day | Model Aircraft Show and Fun Fly | TIMMINS GOLDEN HAWKS | GOLD CORP CANADA LTD. | July 14, 2018: Annual Club fun fly. Refreshments, prizes for pilots including at least one kit. Safety is first, but fun and a great day to remember is always our goal. Mark the date on your calendar, this promises to be one of the best events of the season. We will be including an FPV course, and as always our youngest members will be running the flight simulator for all to try. | 2018-696 | <http://www.timminsgoldenhawks.ca>

**AUGUST 04, 2018 - SATURDAY** | Fun Fly | 1 Day | Float Fly | SAULT STE MARIE MODEL AIRPLANE RADIO CONTROL CLUB | LEIGH'S BAY ROAD | Our Annual Float Fly and Bar B Que on Leigh's Bay MAAC membership required; open to all MAAC members. Float planes a must, regular land based flying closed for the event. Small fee to cover the cost of grub and refreshments. | 2018-833 |

**AUGUST 11, 2018 - SATURDAY** | Fun Fly | 1 Day | Northern Ont. Zone Annual Fun Fly | NIPISSING MINIATURE AIRCRAFT CLUB | CRANBERRY FIELD | Come one come all, all types of flying machines welcome. Registration fee includes lunch. Activities will include swap table, door prizes, 50/50 draws, best of show and awarding of the Zone trophy. Bring your lawn chairs, sun shelters, great attitude and enjoy the day. Rain day Sunday. Please check out our web page for field parameters. | 2018-917 | <http://www.nipmac.ca>

## OTTAWA VALLEY - G

**MAY 26, 2018 - SATURDAY** | Fun Fly | 2 Days | Huckin' In The Valley | ARNPRIOR RADIO CONTROL CLUB | FIELD - 5556 LOGGER WAY ARNPRIOR, ON | The Arnprior Radio Control Club is hosting the 4th Annual Huckin' In The Valley for all of you guys out there who love to "Huck Around" with your aerobatic model. Come join us for lots 3D fun, participate in the famed "Cluster Huck", and other shenanigans at the club's large grass field nestled in the idyllic forests of eastern Ontario. New to 3D and looking to learn 3D, all skill levels are welcome. Most participants make it a full weekend with a Friday or earlier arrival. Plan to stay for dinner featuring a number of surprise delicacies 3D Meat Trifecta - all made "Arnprior Style" by Master Chef Andrew Thompson and his team. Later, we'll put on the lights for some night time 3D fun that doesn't stop just because the sun goes down. Lights are on from Thursday Night until the wee hours of Sunday morning. We have loads of space for campers and RVs of all sizes (no hook ups) and club

members will be on hand to welcome arriving participants on Friday May 25 for test flights and general warm up Tom-foolery. Early arrivals please contact Matt we'll make sure to greet you any day you wish to arrive. Visit the event website for details, registration, and t-shirt orders. [www.huckininthevalley.com](http://www.huckininthevalley.com). See you at the field! | 2018-876 | <http://www.arnpriorradiocontrolclub.com/>

**JUNE 02, 2018 - SATURDAY** | Fun Fly | 2 Days | Ed Rae Memorial Fun Fly | STETSON FLYERS | FIELD - 5800 FRONTIER RD. OTTAWA | Be sure to put the Ed Rae Memorial Fun Fly on your calendar. This very popular spring event is a great opportunity to show off your latest creations and meet everyone again! All types of aircraft, helis and multi-rotors are welcome. Bring the family. It's a wonderful social event! The really excellent Stetson Canteen will be open for lunch both days. Free basic camping. MAAC membership required. | 2018-821 | <http://www.stetsonflyers.com>

**JUNE 09, 2018 - SATURDAY** | Fun Fly | 1 Day | ORCC HELI & DRONE EVENT | OTTAWA R/C CLUB | FIELD - 4550 CAMBRIAN ROAD | Join us for our Annual Heli Fun Fly. All types of helicopters and multi-rotors are welcome (Yes, auto gyros are also welcome). Concession will be available: including burgers, hotdogs and drinks. For info please contact John at [orccheli@rogers.com](mailto:orccheli@rogers.com) | 2018-958 | <http://www.ottawarclub.ca/>

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 2 Days | 43rd Annual Father's Day Fun Fly | KINGSTON R/C MODELLERS | FIELD - 10 KM NORTH OF ODESSA | On June 16th and 17th, the Kingston Radio Control Modellers will be hosting their 43rd annual Father's Day Fun Fly at the club field on Fred Brown Road. The event will start at 9:30 on both days, with rounds of fun fly competition and open flying on both days. Breakfast and lunch will be available from the canteen both days, as well as an excellent Saturday evening dinner! Entry fee is \$30.00 for both days including one dinner ticket. There is ample space for camping so bring the family and come for the weekend! For additional information you may contact Brian Perkins at [perkinsb@limestone.on.ca](mailto:perkinsb@limestone.on.ca) or Rolly Siemonsen at [rolly@bell.net](mailto:rolly@bell.net) | 2018-909 | <http://www.krcm.org>

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 2 Days | Summer Fun-Fly and Campout | BROCKVILLE MODEL AERO CLUB | 5087 LORD MILLS ROAD | June 16, 2018 Summer fun-fly & campout, from 9am Saturday to Sunday morning. Lunch time BBQ and refreshments. Bring your own supper and something to share. Camp-out, night-flying and star-gazing under dark skies. \$5 pilot fee. Spectators are welcome. No hookups. | 2018-922 | <http://www.bmaclub.ca>

**JUNE 23, 2018 - SATURDAY** | Fun Fly | 1 Day | Spring Float Fly | CORNWALL AEROMODELLERS | GUINDON PARK TRILLIUM DRIVE | The Cornwall Aero Modellers Club is hosting its annual Summer

Float Fly on June 23th 2018. The event will take place at the Guindon Park, Trillium entrance (see [www.cornwallaeromodellers.ca](http://www.cornwallaeromodellers.ca) for directions). Flying will start at 9:00am. Can-teen will be open for lunch. \$10.00 landing fee will get you registered. Contact: Merv Blizzard: [mervblizzard@gmail.com](mailto:mervblizzard@gmail.com) or Jack Dikland: [jdikland@gmail.com](mailto:jdikland@gmail.com) | 2018-808 | <http://www.cornwallaeromodellers.ca>

**JUNE 23, 2018 - SATURDAY** | Fun Fly | 1 Day | Heli and Multi Rotor Fun Fly | STETSON FLYERS | FIELD - 5800 FRONTIER RD. OTTAWA | Helicopter & Multi Rotor Fun Fly CD: Jim Denyer Come on out heli and multi-rotor Pilots! Bring all your rotary wing equipment out for a full day of fun at the Stetson Field. Helis and quads of all types are welcome. The Stetson Canteen will be running for your lunchtime needs. So come and Hot-Dog it up, show off that new Scale job, and wow us with your FPV skills! It's all fun! We hope to continue to grow this annual event, so help us reach that goal. Be a part of the action. When: Sat 23 June 2018 9am-4pm. Where 5800 Frontier Road, Ottawa, ON, Canada | 2018-822 | <http://www.stetsonflyers.com>

**JUNE 28, 2018 - THURSDAY** | Fun Fly | 2 Days | Phelan Jet Days 2018 | PHELAN RC FLYING CLUB | FIELD - 1675 PHELAN RD. OTTAWA | As part of our continuing support of jet flyers in the Ottawa Valley, Phelan RC Flying Club welcomes you to the first of our monthly Jet Days series for 2018. This event is a little different in that this two day event is a lead up to the Ottawa Valley Jets event on Saturday June 30 at the Carp airport. Please join us for a no-pressure casual fly-in for all jet pilots who feel the need to burn kero, electrons or nitro. Turbo-props, prop-jets and turbine-powered helis are all welcome.† Come out and check out our field with its 370 ft long asphalt runway surrounded by a 600 x 60 ft grass field. Have some BBQ with us for lunch and enjoy the long weekend with fellow jet flyers. See [www.phelanflyers.com](http://www.phelanflyers.com) for flying field directions and other information. | 2018-705 | <http://www.phelanflyers.com>

**JUNE 30, 2018 - SATURDAY** | Fun Fly | 1 Day | Ottawa Valley Jets at Carp 2018 | OTTAWA VALLEY JETS | CARP AIRPORT | Ottawa Valley Jets at Carp 2018. Flying event for turbines and EDF in MAAC Zone G. For EDF, 70MM or larger with landing gear are the minimum requirements. No Hand Launch/grass landings permitted. AMA pilots will need a turbine waiver. Pilots will enjoy a 3900x100 foot paved runway with clear approaches. Relaxed, friendly atmosphere with in obstructed flying area. A great time for the whole family and a great addition to the Canada Day weekend celebrations. Located in Carp, minutes from downtown Ottawa. This will be combined with 2 days of flying at Phelan RC Flying Club on Thursday-Friday June 28-29th to provide 3 days of flying in the Nation's Capital for those who love to burn some Kero and/or Watts. We will have

some time on Friday evening for test flights at the Airport (6pm-8pm). Flying starts after pilot's briefing at 9am until 6pm. There will be a 1 hour shutdown at Noon to allow for full size aircraft arrival/departure. There will be a NOTAM in effect for when RC flying is taking place. Check out these websites for more details: [www.rccanada.ca](http://www.rccanada.ca) (Jet Section) [www.rccanucks.com](http://www.rccanucks.com) (Jet Section) <https://www.facebook.com/Ottawa-Valley-Jets-191575304535264/> | 2018-828 | <https://www.facebook.com/Ottawa-Valley-Jets-191575304535264/>

**JULY 14, 2018 - SATURDAY** | Fun Fly | 1 Day | Barry Forbes Memorial Float Fly | RIDEAU VALLEY MODELERS | HWY 43 KEMPTVILLE | The Rideau Valley Modelers invite you for a day of float flying fun! Over 17 acres of water. Ample parking. No facilities for overnight camping. Come and spend the day with leisurely flying throughout. Strictly a fun fly. Food will be available at lunch time. Rain date Sunday July 9. Any cancellations will be posted to our website or Facebook page. | 2018-387 | <http://www.rideauvalleymodelers.weebly.com>

**JULY 21, 2018 - SATURDAY** | Fun Fly | 1 Day | ORCC WAR BIRD EVENT AND PIG ROAST | OTTAWA R/C CLUB | FIELD - 4550 CAMBRIAN ROAD | Come join us for an excellent day of flying on our 800 ft runway. Lunch and refreshments will be available as well as Roast Pig for dinner. There will be night flying at dusk, a bonfire then a movie. Camping is available (no hookup-s). This event is open to all kinds of aircraft (doesn't have to be a warbird) open flying after 15:00. | 2018-959 | <http://www.ottawarcclub.ca/>

**JULY 25, 2018 - WEDNESDAY** | Fun Fly | 1 Day | Senator Fun Fly | CORNWALL AEROMODELLERS | LEGER LANDING | Senator fun Fly This is a special event for all retirees to enjoy a casual mid-week fun Fly and meet old friends in a relaxed atmosphere. Cantine will open at noon. <http://www.cornwallaeromodellers.ca> | 2018-809 | <http://www.cornwallaeromodellers.ca>

**JULY 28, 2018 - SATURDAY** | Fun Fly | 1 Day | Phelan Jet days 2018 | PHELAN RC FLYING CLUB | FIELD - 1675 PHELAN RD. OTTAWA | As part of our continuing support of jet flyers in the Ottawa Valley, Phelan RC Flying Club invites you to the second of our monthly Jet Days series for 2018. Please join us for a no-pressure casual fly-in for all jet pilots who feel the need to burn kero, electrons or nitro. Turbo-props, prop-jets and turbine-powered helis are all welcome.† Come out and check out our field with its 370 ft long asphalt runway surrounded by a 600 x 60 ft grass field. Have some BBQ with us for lunch and enjoy the long weekend with fellow jet flyers. See [www.phelanflyers.com](http://www.phelanflyers.com) for flying field directions and other information. | 2018-803 | <http://www.phelanflyers.com>

**AUGUST 11, 2018 - SATURDAY** | Competition | 2 Days | Stetsons IMAC Weekend | STETSON FLYERS | FIELD -

5800 FRONTIER RD. OTTAWA | Stetson IMAC Weekend! Come participate, assist, and spectate at the IMAC Precision Scale Aerobatics event this August 11-12, 2018. See and be a part of some of the very best precision flying you will ever encounter, as Team Canada pilots polish their skills and routines for the World Championships in September! FREE basic camping, a great Stetson Field to fly from, the Stetson Canteen and that awesome Stetson Hospitality to welcome you to Ottawa. Only \$10 for BASIC class. Fly what you bring in Basic and just have fun! Full IMAC event for all classes, plus a Sunday Freestyle if time allows. Saturday Pilots and Helpers Dinner to be scheduled. Friday is practice day. Please share the skies. SEE YOU THERE! | 2018-823 | <http://www.stetsonflyers.com>

**AUGUST 11, 2018 - SATURDAY** | Fun Fly | 1 Day | Cornwall Aero Modellers Annual Summer Fun Fly | CORNWALL AEROMODELLERS | LEGER LANDING | The Cornwall Aero Modellers Club is hosting it's annual Fun Fly on August 11th 2017. The event will take place at the CAM field (see [www.cornwallaeromodellers.ca](http://www.cornwallaeromodellers.ca) for directions). Flying will start at 9:00am. Can-teen will be open for lunch. \$10.00 landing fee will get you registered. Contact: Roger BÉlanger: [belanger.roger@sympatico.ca](mailto:belanger.roger@sympatico.ca) or Jack Dikland: [jdikland@gmail.com](mailto:jdikland@gmail.com) | <http://www.cornwallaeromodellers.ca> | 2018-810 | <http://www.cornwallaeromodellers.ca>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 2 Days | 31st Annual Ottawa Valley Giant Scale in Kingston | KINGSTON R/C MODELLERS | FIELD - 10 KM NORTH OF ODESSA | Zone G - 31st Annual Ottawa Valley Giant Scale Rally in Kingston August 18-19, 2018 - 31st Annual Ottawa Valley Giant Scale Rally in Kingston. Hosted by the Kingston Radio Control Modellers and the Ottawa Valley Giant Scale club. Registration at 8:00 am and flying from 9:00 - 5:00pm on both days. 400 ft grass runway. Check Giant Scale Canada (website below) for early registration details. [https://www.maac.ca/en/clubs\\_details.php?club\\_id=574](https://www.maac.ca/en/clubs_details.php?club_id=574) Limited camping, no hookups. Concession, Kingston style Saturday night feast. Raffles and door prizes. Rule 80" wingspan for monoplanes, 60" for biplanes or ° scale. No turbines. Must be current member of MAAC or AMA. Landing fee \$20, Contact: Mike Anderson, cell: (613) 407-5914, Email: [mike.anderson.ca@gmail.com](mailto:mike.anderson.ca@gmail.com) or Rolly Siemonsen, home: (613) 389-3631, cell (613) 572-3631 Email: [rolly@bell.net](mailto:rolly@bell.net) Directions: <http://www.krcm.org/map.pdf> | 2018-703 | <http://www.krcm.org>

**AUGUST 25, 2018 - SATURDAY** | Fun Fly | 2 Days | Stetson Giant Scale and Pig Roast | STETSON FLYERS | FIELD - 5800 FRONTIER RD. OTTAWA | The BIG Stetsons Giant Scale Weekend is ON! Make your plans to attend this exciting and friendly weekend of BIG fun! Bring your BIG appetites as well, for the special Saturday Field Dinner. Roast Pig?

Could be! All types of Giant Scale aircraft are welcome. Bring 'em and fly 'em! The famous Stetson Canteen will be open for lunch. This is a great opportunity to fly at one of the nicest fields in the zone. Lots of room to camp for free. (sorry, no hookups) Gerry Nadon and the gang put on a great event every year, so be sure to include this one in your schedule! | 2018-824 | <http://www.stetsonflyers.com>

**SEPTEMBER 01, 2018 - SATURDAY** | Fun Fly | 2 Days | Phelan Jet Days 2018 | PHELAN RC FLYING CLUB | FIELD - 1675 PHELAN RD. OTTAWA | As part of our continuing support of jet flyers in the Ottawa Valley, Phelan RC Flying Club invites you to the third (& final) of our monthly Jet Days series for 2018, this time for two days on the Labour Day long weekend.† Please join us for a no-pressure casual fly-in for all jet pilots who feel the need to burn kero, electrons or nitro. Turbo-props, prop-jets and turbine-powered helis are all welcome.† Come out and check out our field with its 370 ft long asphalt runway surrounded by a 600 x 60 ft grass field. Have some BBQ with us for lunch and enjoy the long weekend with fellow jet flyers. See [www.phelanflyers.com](http://www.phelanflyers.com) for flying field directions and other information. | 2018-804 | <http://www.phelanflyers.com>

**SEPTEMBER 08, 2018 - SATURDAY** | Fun Fly | 2 Days | Cornwall Aero Modellers Fall Float Fly | CORNWALL AEROMODELLERS | CREG QUAY MARINA | Come and enjoy a great weekend of Float Flying in the beautiful setting of Creg Quay Marina. Campers welcome to arrive Friday and stay overnight Friday and Saturday. Main event Saturday 9:00 to 10:00pm. Canteen at noon, Pot-Luck dinner Saturday night. Sunday flying from 9:00am to 2:00pm. Registration fee: \$10 | 2018-811 | <http://www.cornwallaeromodellers.ca>

**SEPTEMBER 15, 2018 - SATURDAY** | Fun Fly | 1 Day | Electric Fun and Night Fly | OTTAWA R/C CLUB | FIELD - 4550 CAMBRIAN ROAD | Join us for our Annual Electric Fun Fly and Night Fly. All types of electric flying machines are welcome. Lunch and refreshments will be available. We will be holding a "Flite Test" combat session after lunch. This is also our Annual President's BBQ. The BBQ is free for all club members and family and (available at a nominal fee for guests). Paul will, by request, be cooking his excellent ribs. Sides and desserts will be pot luck. Following the Night Fly, there will be a bonfire and a movie. Camping is available (no hookups). | 2018-960 | <http://www.ottawarcclub.ca/>

**SEPTEMBER 22, 2018 - SATURDAY** | Fun Fly | 2 Days | Fall Fun-Fly and Campout | BROCKVILLE MODEL AERO CLUB | 5087 LORD MILLS ROAD | September 22, 2018 Fall fun-fly & campout, from 9am Saturday through Sunday morning. Lunch time BBQ and refreshments. Bring your own supper and something to share. Camp-out, night-flying and star-gazing under dark skies. \$5 pilot fee.

Spectators are welcome. No hookups. | 2018-923 | <http://www.bmaclub.ca>

## BC COASTAL - H

**MAY 26, 2018 - SATURDAY** | Fun Fly | 3 Days | Ivan Pettigrew Spring Float and Land Fly | CHILLIWACK ELECTRIC FLYERS | SHXWHAY LAKE AIRPARK | Chilliwack Electric Flyers will be hosting the Ivan Pettigrew Spring Float and Land Fly again in 2018! The dates are May 26, 27 and 28 May. Bring your scale and semi scale float and land planes. Electric only. \$10.00 to register. Visit our web page at <http://www.cef.club/index.htm> for directions. | 2018-976 | <http://www.cef.club>

**JUNE 02, 2018 - SATURDAY** | Fun Fly | 1 Day | PDQ Silent Flight | PARKSVILLE DISTRICT AND QUALICUM FLYERS | KISKARDE RD. | PDQFlyers Silent Flight Fun Fly Jun 2nd, 10am onwards, for electric and non powered aircraft only. No entry fees. There will be hot dogs and drinks available. Come on out and watch them soar like Eagles. Be a spectator or participant, it's always a lot of fun. | 2018-1011 | <http://www.pdqflyers.com>

**JUNE 10, 2018 - SUNDAY** | Fun Fly | 1 Day | NS with BS control line and vintage cobat | MISSION WINGS MODEL FLYING CLUB | FIELD - 10279 FARMS RD. MISSION | Mission Wings Model Flying Club The famousness "NS with BS" control line fun-fly is back for the 7th time. The world famous, NS with BS control line fun-fly is back yet again. It will be held on the 10th of June 2018 at the Mission Wings Flying Club located at 10259 Farms Rd. Mission. Pilots meeting at 9:30am. Flying A.S.A.P. and continues till finished. All the usual silly antics can be expected. Such as balloon bust, bladder bust, longest flight, and this year, for the first time Vintage combat This year for the first time there will be vintage combat events. They are being organized by none other than Greg Davis. Contact Greg at...original\_greg\_of\_canada@yahoo.ca for more info. There could be scale planes. There could be a swap meet, even a buy and sell. Your junk is someone else treasure. There is no entry fee. All control liners most welcome. Contest director is Paul Bedford. [kiwipaul@telus.net](mailto:kiwipaul@telus.net) | 2018-848 | <http://www.missionwings.ca>

**JUNE 16, 2018 - SATURDAY** | Competition | 2 Days | Victoria Precision Aerobatics Contest | VICTORIA RADIO CONTROL MODELERS | MICHELL AIRPARK | Join us for 2 days of pattern fun at the Victoria RC Modellers' annual fathers day contest. FAI will fly only the Prelim sequence. Lunch provided both days, you're on your own for dinner Saturday night. Limited dry camping available. \$30 entry fee. | 2018-1026 | <http://www.vrcms.org>

**JUNE 22, 2018 - FRIDAY** | Air Show/Demo | 1 Day | Seniors Demo Day | PARKSVILLE DISTRICT AND QUALICUM FLYERS | KISKARDE RD. | Flying demonstration for

the residence of the Senior's facilities in the Central Island area. The most fun of the year for our pilots and a Great day for the Seniors and their support staff. The Hot Dog lunch with potato chips and pop, is also a big hit with the seniors. | 2018-884 | <http://www.pdqflyers.com>

**JUNE 23, 2018 - SATURDAY** | Competition | 1 Day | Bill Martin Memorial Scale Event | PARKSVILLE DISTRICT AND QUALICUM FLYERS | KISKARDE RD. | Inviting everthing Scale (or close to scale). All skill levels, come and enjoy a great of flying and friendship. Pilot choice awards in ARF and Pilot Built. Free lunch at noon, Awards at 3:00. Must have current AMA or MAAC to fly. Rain date Sunday the 24th. | 2018-885 | <http://www.pdqflyers.com>

**JUNE 24, 2018 - SUNDAY** | Fun Fly | 1 Day | WCRCAF Open House | WEST COAST RADIO CONTROLLED AIRCRAFT FLYERS SOCIETY | UPPER COQUITLAM RIVER PARK | Public open house to promote RC flying and MAAC. Open to all ages - families welcome. Demonstration flights, FPV "ride alongs" try your hand at simulator and a demo flight with a buddy box/trainer. | 2018-1027 | <http://www.wcrcaf.com>

**JULY 07, 2018 - SATURDAY** | Competition | 1 Day | BLF Fun-Scale Fly-In | BURNABY LAKE FLYERS | BURNABY LAKE PARK, EAST SPORTSPLEX, Fields 3,4,5,6 | 2018 FUN-SCALE FLY-IN: Saturday July 7, 2018. Open to all MAAC and AMA insured pilots of all electric aircraft. Registration opens: 9:30am. (Overall field hours: 8am-6pm.) Admission: \$5 (includes 1 raffle ticket). Pilot briefing: 10:00am. Fun scale judging both static and in flight, judged by the entrants using anonymous ballots. - Judging won't begin until at least 11am, and will likely extend to after lunch. Additional raffle tickets for great prizes available for purchase. Prizes and draw: Scale trophies for several aircraft classes, plus raffle draw, in mid-afternoon. Food: pizza, pop, water supplied free. Please monitor this forum thread Scale Event for additional updates. | 2018-982 | <http://www.hoods-up.com>

**JULY 20, 2018 - FRIDAY** | Fun Fly | 3 Days | 2018 Agassiz Aerotow | BROKEN PROP | Broken Prop | Join us at the beautiful "Broken Prop" field in Agassiz for three days of aerotowing in sunny July. 800 foot grass runway with oodles of room at either end. Shed for overnight sailplane storage (no need to disassemble!). Multiple tugs capable of towing the largest sailplanes, on-field camping available. and motels in nearby Hope or Chilliwack. Come and join the fun to fly or just relax and spectate. Get some aerotowing stick time. We're happy to share! \$20 landing fee for the entire weekend. | 2018-1007 |

**JULY 21, 2018 - SATURDAY** | Fun Fly | 1 Day | Aerobatic/Biplane Fun Fly | PARKSVILLE DISTRICT AND QUALICUM FLYERS | KISKARDE RD. | Elementary Aerobatic instruction. And Show your Biplane Free hot Dog lunch at noon | 2018-886 | <http://www.pdqflyers.com>

www.pdqflyers.com

**JULY 21, 2018 - SATURDAY** | Fun Fly | 1 Day | Mission Wings RC Helicopter fun fly | MISSION WINGS MODEL FLYING CLUB | FIELD - 10279 FARMS RD. MISSION | Announcing the Mission Wings RC Helicopter fun fly! This year it will be held Saturday July 21st 2018 and, as usual, it will be a 1 day only event. This is a great event for pilots of all skill levels and experience from beginner to pro. If you've never been to an RC helicopter event, this is a great one to have as your first event. All types of radio control helicopters are welcome from scale to 3D to vintage. Come on out for a great day of flying, visiting, food, and fun. Cost is free, BBQ hamburgers will be provided, donations are welcome. Pilots briefing will be at 9:00 am and flying starts immediately after that. From Mission, head east on Loughheed Highway (Hwy 7), turn north (Left) on Sylvester Rd, turn West (Left) onto Farms Rd (Big tree in the middle of the Y in the road), turn left at the Anderson Farm. Drive dead slow through the farm, turn left at the sign pointing to the field and continue on through to the field. Address is 10279 Farms Rd. For more information, Contact Darren Wiens: ve7nly@hotmail.com | 2018-961 | <http://www.missionwings.ca>

**AUGUST 04, 2018 - SATURDAY** | Competition | 2 Days | Western Canada Stunt Championships | VANCOUVER GAS MODEL CLUB | RICE MILL ROAD | Western Canada Stunt Championships Control Line Stunt August 4th and 5th Saturday (09:00 - 17:00): Practice and Coaching Clinic Saturday Evening: BBQ at the Cox Home (All forms of control line stunt will be discussed at length) Sunday (09:00 - finish): Precision Aerobatics: Beginner, Intermediate, Advanced and Expert Classes Contest Director: Chris Cox @ (604) 562-1840 | 2018-1017 |

**AUGUST 10, 2018 - FRIDAY** | Air Show/ Demo | 3 Days | Victoria's Largest Little Airshow | VICTORIA RADIO CONTROL MODELERS | MICHELL AIRPARK | 17th Annual VICTORIA'S LARGEST LITTLE AIRSHOW - August 11 & 12, 2018. Admission by donation. ALL proceeds to local charity. Over 4000+ spectators. All scale pilots welcome, no entry fee, free Saturday night dinner. Must arrive no later than Friday morning for plane inspection and practice flights. Registration in advance is mandatory. Contact JackPrice@shaw.ca and visit <https://www.facebook.com/VictoriasLargestLittleAirshow/> | 2018-891 | <http://www.vrcms.org>

**AUGUST 12, 2018 - SUNDAY** | Fun Fly | 1 Day | Mission Wings Fun Fly | MISSION WINGS MODEL FLYING CLUB | FIELD - 10279 FARMS RD. MISSION | Mission Wings Fun - fly Yet again the Mission Wings fun fly is to be held Sunday August 12th At the Mission Wings Flying Site. 10279 Farms Rd. Mission B.C. Pilots meeting 9.30am. Flying attempts may start soon after. Pilots must have 2018 MAAC Members may bring a

friend. Food and drink will be provided. There is no entry fee. Yah gotta like that. All types of aircraft and helicopters are welcome. Do you have something to sell? Bring it. Something to swap? Bring it. Your junk is someone else's treasure. Contact Paul Bedford MAAC #13527. [kiwipaul@telus.net](mailto:kiwipaul@telus.net) Check our web site. [missionwings.ca](http://www.missionwings.ca) Don't contact me. Be there. | 2018-931 | <http://www.missionwings.ca>

**AUGUST 25, 2018 - SATURDAY** | Fun Fly | 1 Day | Cub and Cousins | PARKSVILLE DISTRICT AND QUALICUM FLYERS | KISKARDE RD. | All Cubs and their variants, all Cousins that served the same purpose as a Cub. Must be single engine, high wing, cabin monoplane with fixed gear. Can be Scale, Semi-Scale, Fun Scale, Sorta-Scale, Could-Be scale. Maybe Prizes, Maybe not. Free hot dog lunch. MAAC or AMA required | 2018-887 | <http://www.pdqflyers.com>

**AUGUST 25, 2018 - SATURDAY** | Fun Fly | 1 Day | BLF Jacques Heyrman | BURNABY LAKE FLYERS | BURNABY LAKE PARK, EAST SPORTSPLEX, Fields 3,4,5,6 | 2018 JACQUES HEYRMAN MEMORIAL FLY-IN: Saturday, August 25, 2018. Open to all MAAC and AMA insured pilots of all electric aircraft. Registration opens: 9:30am. (Overall field hours: 8am-6pm.) Admission: \$5 (includes 1 raffle ticket). Pilot briefing: 10:00am. Fun competitions throughout the day, open flying after competitions. Additional raffle tickets for great prizes available for purchase. Competition prizes and raffle draw: Mid-afternoon. Food: pizza, pop, water supplied free. Please monitor this forum thread Jacques Heyrman for additional updates. | 2018-983 | <http://www.hoods-up.com>

**AUGUST 25, 2018 - SATURDAY** | Meeting/ Seminar/Clinic | 1 Day | ZONE "H" Annual Zone Meeting/ Cub and Cousins Fun Fly | BC COASTAL ZONE | Parksville District Qualicum Flyers Field | 2018 Annual Zone Meeting/Cub and Cousins Fun Fly The 2018 BC Zone "H" Annual Zone Meeting (AZM) will be held this year on Saturday, August 25 at 3:00 PM. The location is at the Parksville District Qualicum Flyers Association (PDQFLYERS) field in Nanoose Bay B.C. This event will be held in conjunction with the PDQFLYERS First Ever "Annual Cub and Cousins Fun Fly." The Fun fly will start at 10:00 am and run until 3 PM. The AZM will start at 3 PM sharp and with any luck be over by 4:00-4:30 PM. There will be open flying until dusk for any type of model aircraft after the meeting. Lunch and Dinner will be provided free of charge for everyone attending the Fun Fly, AZM or both. The sorta rules for the Fun Fly are: All Cubs and their variants, all Cousins that served similar purposes as Cubs and their variants are welcome to the fun fly. They must be single engine/motor, high wing, cabin monoplanes with fixed landing gear. They can be scale, semi scale, fun scale, sorta scale, could be scale etc. Further details and

contact information can be found on the MAAC website under Zone "H" Events. We hope that this "Cub and Cousins Fun Fly" will become an annual event for our club and welcome everyone to come on out and enjoy our clubs hospitality, comradery and did I forget, prizes! | 2018-1048 |

**SEPTEMBER 08, 2018 - SATURDAY** | Competition | 2 Days | BC Precision Aerobatics Championships and F3A Team Trials | VICTORIA RADIO CONTROL MODELERS | MICHELL AIRPARK | The Victoria Radio Control Modelers Society are pleased to announce that they will host the Canadian F3A Team Trials in conjunction with BC Precision Aerobatics Championships on September 8th & 9th, 2018 at the VRCMS club field in Victoria, BC. CD and contact person will be Dave Reaville MAAC56510 [dave.reaville@gmail.com](mailto:dave.reaville@gmail.com) The BCPAC event will offer all classes with prizes to the top three competitors in each class. Entry Fee is \$35 and includes lunch both days. The F3A Team Trials will be held in conjunction with this event and the top three pilots (and junior pilot) will represent Canada in the 2019 World Championships in Italy. The Contest Rules for the Team Trials are defined in section 2.1 of the Radio Control Precision Aerobatics Rule Book (2016-17 as amended for 2018). Interest parties are invited to apply via email to the the Contest Director specifying participation in the F3A Team Trials itself. The entry fee for Team Trial Participates Only will be \$100 (deadline for entry - July 1st, 2018.) | 2018-1024 | <http://www.vrcms.org>

**SEPTEMBER 08, 2018 - SATURDAY** | Fun Fly | 1 Day | Wrap up Fun Flt / Potluck | PARKSVILLE DISTRICT AND QUALICUM FLYERS | KISKARDE RD. | A celebration of a years flying, bring your family, bring a dish, bring a plane, bring your stories and your jokes. A very good time for all | 2018-888 | <http://www.pdqflyers.com>

**SEPTEMBER 16, 2018 - SUNDAY** | Fun Fly | 1 Day | Mission Wings Scale Fun Fly | MISSION WINGS MODEL FLYING CLUB | FIELD - 10279 FARMS RD. MISSION | September 16 2018. Scale Fun Fly , Mission Wings Model Flying Club. FIELD 10279 Farmers Rd. Mission..1 day RC Scale Fun Fly, bring your replica and show off your scale building skills....MAAC scale rule and flight maneuvers will be disgust and shown. This event open to planes and heli's... this is a Fun Fly , there is no official judging, but pilots choice for best static and best flight of the day...pilots meeting 09:30, flying start time 10:00 am...lite brunch and bottled water will be provided. CD Bruce Caird, contact [rbcaird@hotmail.com](mailto:rbcaird@hotmail.com) | 2018-928 | <http://www.missionwings.ca>

**OCTOBER 28, 2018 - SUNDAY** | Swap Shop | 1 Day | MAAC Zone "H" Annual Swap Meet | BC COASTAL ZONE | Sullivan Hall Surrey B.C. | Zone "H" South West British Columbia Annual Sullivan Hall Swap Meet will be held on Sunday October 28 from 9:00 Am until



3:PM. Admission, Coffee and Donuts are free as usual. All I ask is for help setting up tables and cleaning up afterwards. Hope to see you all there. | 2018-1049 |

## QUEBEC - I

**JUNE 15, 2018 - FRIDAY** | Display | 3 Days | St-HonorÉ dans le vent | CLUB AEROMODELISME SAGUENAY INC. | AÉroport de St-HonorÉ | Le Club AÉromodÉlisme Saguenay Inc, tiendra une exposition et dÉmonstrations de vols d'hÉlicoptÉres les 15, 16 et 17 juin 2018 sur le site de l'aÉroport de St-HonorÉ ꝑ l'occasion de St-HonorÉ dans le Vent. Le co't d'entrÉe est de \$5, bienvenue ꝑ tous. | 2018-320 | <http://www.aeromodelismesaguenay.com>

**JUNE 23, 2018 - SATURDAY** | Competition | 2 Days | CompÉtition Imac QuÉbec 2018 | CLUB AIR MODELISTE | RUE PETIT ST-JEAN, ST-ETIENNE | C'est avec un immense plaisir, que nous vous accueillons encore cette annÉe, ꝑ notre compÉtition Imac QuÉbec 2018. Nous vous attendons en grand nombre. ꝑ compter du vendredi 22 juin, les campeurs peuvent arriver dans la journÉe et le terrain sera disponible pour la pratique. La compÉtition se dÉroulera sur deux jours soit le 23 et 24 juin. La rencontre des pilotes se tiendra ꝑ 8:30 pour pouvoir dÉbuter la compÉtition vers 9 hrs. Le co't de l'inscription sera 20\$ pour les basic et les autres classes 40\$. Pour ce qui est des catÉgories advanced et unlimited, nous volerons la sÉquence normale. Au plaisir de tous vous revoir. StÉphane Corriveau CD | 2018-1043 | <http://www.clubairmodeliste.com>

**JULY 07, 2018 - SATURDAY** | Competition | 2 Days | CompÉtition Imac Beauce | CLUB D'AVIONS MINIATURES LES PHOENIX INC. | CLUB D'AEROMODELISME LES PHOENIX | Bonjour ꝑ tous, Pour une autre annÉe, le club Phoenix est fier d'organiser le Imac Beauce 2018. Comme dans le passÉ, il y aura 5 catÉgories, Basic ꝑ Unlimited. Le co't de basic sera de 20\$ pour initier les nouveaux pilotes et de 40\$ pour les autres catÉgories. Il sera possible d'arriver dÈs le vendredi pour passer une superbe fin de semaine avec des passionnÉs. Les Phoenix offre un terrain de camping sans service. Les inscriptions dÉbuteront ꝑ partir de 8:00h le samedi et la compÉtition aura lieu ꝑ 9:00h. Venez donc tenter votre chance et rencontrer une Équipe gÉniale les 7 et 8 juillet 2018. Voici les coordonnÉes GPS pour vous rendre sont: 46.032928, -70.705304 | 2018-1016 | <http://www.clubphoenixbeauce.weebly.com>

**JULY 21, 2018 - SATURDAY** | Competition | 2 Days | IMAC 2018 | CLUB AEROMODELISME SAGUENAY INC. | VILLE DE SAGUENAY | Les 21 et 22 juillet prochain se tiendra une premiÈre compÉtition IMAC qui se tiendra dans notre belle rÉgion ꝑ St-Jean Vianney au Saguenay, tout les pilotes intÉressÉs de la province sont invitÉs venez

dÉcouvrir notre site sur un piste asphaltÉe une cantine sera prÉsente tout au long de la fin de semaine, bienvenu ꝑ tous. | 2018-396 | <http://www.aeromodelismesaguenay.com>

**AUGUST 11, 2018 - SATURDAY** | Fun Fly | 2 Days | Fun Fly Amical 2018 | CLUB AEROMODELES ASBESTOS | TERRAIN DE VOL - 201 CH. ST-CLAUDE DANVILLE | Le Club AÉromodÉles Asbestos organise son "Fun Fly amical" les 11 et 12 ao't. Un service de restauration sera sur place durant la journÉe. Vous pouvez camper sur place mais sans service. Il est possible d'arriver le vendredi. TrÈs belle piste gazonnÉe, dans un environnement paisible. L'entrÉe est gratuite. Bienvenue ꝑ tous les pilotes (jets, avions, hÉlicoptÉres, drones). N'oubliez pas d'apporter vos avions de combats Électriques ainsi que vos avions illuminÉs, car il y aura des vols de nuit. Pour indications routiÈres, consulter notre site internet: [www.clubaeromodelesasbestos.com](http://www.clubaeromodelesasbestos.com) Pour plus d'informations s'adresser ꝑ Richard Cloutier au 819 879-2633 ou Serge Auger au 819 878-3253. | 2018-426 | <http://www.clubaeromodelesasbestos.com>

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 2 Days | Funfly 2018 | CLUB AEROMODELISME SAGUENAY INC. | VILLE DE SAGUENAY | Les 18 et 19 ao't 2018 se tiendra notre festival annuel ꝑ notre terrain de St-Jean-Vianney au Saguenay, grand terrain pour des roulottes mais sans service d'eau, une cantine et des toilettes sur place seront ꝑ votre disposition Bienvenue ꝑ tous. | 2018-611 | <http://www.aeromodelismesaguenay.com>

**SEPTEMBER 01, 2018 - SATURDAY** | Fun Fly | 2 Days | Funfly | CLUB D'AVIONS MINIATURES LES PHOENIX INC. | CLUB D'AEROMODELISME LES PHOENIX | Le Club Phoenix vous invite ꝑ son merveilleux site de vol en Beauce pour son funfly 2018 qui aura lieu la fin de semaine de la Fête du travail. Camping sans service, toilettes, mÉga feu de camp Phoenix en soirÉe. Avions, jets et hÉlicoptÉres sont les bienvenus. <http://www.clubphoenixbeauce.weebly.com> | 2018-1033 | <http://www.clubphoenixbeauce.weebly.com>

## ST LAWRENCE - J

**JUNE 02, 2018 - SATURDAY** | Competition | 1 Day | CompÉtition de drone les Dragons | CLUB DE DRONAUTIQUE LES DRAGONS DU CSJV | COLLEGE ST-JEAN-VIANNEY | Le club de dronastique les Dragons du CSJV invite le public, ses partenaires, ses commanditaires et les pilotes ꝑ participer ꝑ notre ÉvÈnement. Une course de classification chapeautÉe par FVP Canada prendra place parallÈlement ꝑ une course de novices du secondaire. Des kiosques d'information, de support technique et des commanditaires seront sur place. L'ÉvÈnement aura lieu le samedi 2 juin 2018 de 10h ꝑ 16h au collÈge St-Jean-Vianney situÉ au 12630 Boul. Gouin est, MontrÉal, Qc H1C 1B9 Nous vous attendons en grand nombre! |

2018-1003 |

**JULY 20, 2018 - FRIDAY** | Fun Fly | 3 Days | CCHS 2018 | CLUB DE RADIO-COMMANDE AERONAUTIQUE SPECIALISE EN HELI | 7925 RANG STE-HENRIETTE BOISBRIAND, QC | Club CRASH heli spectacular 2018 (CCHS) | 2018-879 | <http://www.clubcrash.ca>

**JULY 28, 2018 - SATURDAY** | Fun Fly | 2 Days | FUN FLY AMICAL au CARC LANAUDIÈRE de ST-LIGUORI | CARC LANAUDIÈRE | TERRAIN 991 Rang Montcalm, St-Liguori | FUN FLY AMICAL au CARC LANAUDIÈRE de ST-LIGUORI les 28 & 29 Juillet 2018 Venez visiter le site de vol qualifiÉ du plus beau au QuÉbec par plusieurs pilotes. Il sera possible de camper sur le site si les conditions du terrain le permettent. Bouffe disponible sur place : Hot Dogs, Saucisses, Chips, Boissons Gazeuses, Eau, etc. Vols de Nuit et Feu de Camp en soirÉe. CoordonnÉes GPS N46.013, W73.575. EntrÉe du terrain face au 991 Rang Montcalm ꝑ St-Liguori. Pour informations : Pierre Morel 450 760-9828 ou aeropm@videotron.ca | 2018-954 |

**AUGUST 04, 2018 - SATURDAY** | Fun Fly | 2 Days | FESTIVOL | CLUB AVION MODELE GRANBY INC | MUNICIPALITE DE GRANBY - 1200 BOUL. INDUSTRIEL | FESTIVOL CLUB AVION MODÈLE DE GRANBY LE 4-5 AOËT 2018 AU 1200 BLV INDUSTRIEL, GRANBY POSSIBILIT... DE CAMPING SAUVAGE ꝑ PARTIR DU 3 AOËT, POUR LES MEMBRES EN R>GLE DU MAAC. ꝑ PROXIMITÉ... DU ZOO DE GRANBY, PISTE CYCLABLE, DES RESTAURANTS ET MOTELS FEU DE CAMP LE SAMEDI SOIR | 2018-910 |

**AUGUST 24, 2018 - FRIDAY** | Competition | 3 Days | Lacolle International Championship 2018 | CLUB R/C LES ARPENTS V'AIR | GazonniÈre Lacolle | Register to the Lacolle International Championship, the largest sailplane competition in Canada. F5J and ALES classes. Further info and registration <https://goo.gl/qZaUWb> | 2018-962 | <http://arpentsvairrc.org/>

## SASKATCHEAWN - K

**MAY 30, 2018 - WEDNESDAY** | Air Show/ Demo | 1 Day | Air Cadet | REGINA WINDY FLYERS INC | REGINA WINDY FLYERS | Regina Windy Flyers will be hosting a picnic for Regina air cadets May 30 2018 from 5pm to 9 pm. We will be supplying flight simulators and training aircraft for the cadets. RWF Members may also bring any type of aircraft they wish to fly for demonstration. | 2018-1030 | <http://www.reginawindyflyers.ca>

**JUNE 09, 2018 - SATURDAY** | Fun Fly | 2 Days | Camp out and Fun Fly | SWIFT WINGS RC FLYING CLUB INC | CHASE FIELD IN SKYLINE PARK | Come and fly with us, have fun and make new friends. Feel free to bring your trailer or even your tent to experience our hospitality and keep the fun going into the next day. | 2018-1053 | <http://www.smms>

org/swiftwings

**JUNE 23, 2018 - SATURDAY** | Fun Fly | 2 Days | Annual Club Fun Fly/Fun Drive!! | REGINA WINDY FLYERS INC | REGINA WINDY FLYERS | Annual RWF Fun Fly/Drive weekend. All MAAC/AMA members are welcome to join us for a weekend of camaraderie!! \*\*Date modified\*\* | 2018-900 | <http://www.reginawindyflyers.ca>

**JUNE 30, 2018 - SATURDAY** | Fun Fly | 3 Days | Saskatoon Fun Fly | HUB CITY R/C CLUB | Richardt Field | Saturday, June 30th. Fun Fly 9am till Dark Sunday, July 1st. Fun Fly 9am till 1pm. Sunday, July 1st. Air Show / Flying Demonstration 1pm till 3pm Sunday, July 1st. Fun Fly 3pm till dark. Monday, July 2nd. Fun Fly 9am till 12 noon. 3 days of flying fun! Sunday afternoon we will put on an Air Show! Concession on site. Camping permitted - self contained please as limited resources. \$10 landing fee. Must have MAAC or AMA. | 2018-830 | <http://www.hrcrc.org>

**JULY 07, 2018 - SATURDAY** | Fun Fly | 1 Day | Moose Jaw Pity-Pat Fun Fly | MOOSE JAW R/C AIRCRAFT CLUB | ASH ST. & 16TH AVE. | Moose Jaw Radio Control Aircraft Annual Pity-Pat Fun Fly on Saturday July 07, 2017. Open to all Pilots with a 2018 MAAC/AMA membership. No admission charges, Pilots or Spectators. Props will go Pity-Pat and so will your heart with the excitement and the vast variety of crafts. We have ample camping room, sorry no services other than an excellent flying field to use! Lets say over 600' x 230' grass area PLUS this... a (2014) GeoTex mat 135' x 35' for you electric Flying enthusiasts. Event Director: Kerry Olson (306) 630-4279 and Event Contact Justin Heagy (306) 690-3286. For directions, photos and lots more information, hook up to our Club Facebook site: <https://www.facebook.com/MJRCAClub?ref=hl> | 2018-899 |

**JULY 14, 2018 - SATURDAY** | Fun Fly | 2 Days | Summer Fun Fly | K-TOWN SKYSCAPERS RC CLUB | AL GOCHOLSKI MEMORIAL RC FIELD | K-Town Skyscrapers RC Club | Fun Fly July 14th & 15th in Kindersley SK. Contact Todd Francis at [tfrancis\\_trf@sasktel.net](mailto:tfrancis_trf@sasktel.net) or 306-460-5655 for more details | 2018-1009 |

**AUGUST 11, 2018 - SATURDAY** | Fun Fly | 2 Days | Sun City Prop Busters Celebrates 30 Years of R/C | SUN CITY PROP BUSTERS | Sun City Prop Busters' Facility | Sun City Prop Busters R/C Club of Estevan is pleased to announce our 30th year as Estevan and area's R/C Club. We are hosting a Fun Fly to celebrate Saturday, August 11 and Sunday August 12, 2018. R/V's and Campers invited to roll into the grounds Friday evening, August 10th. There will be limited unserviced camping space. Bring your insurance ie MAAC if you plan on flying or using the 1/10th scale car/truck racing oval, or our new R/C car/truck bump and jump track. Check in at the clubhouse. This is a family event, bring your family and your lawn chairs, we look forward to seeing you to help us celebrate. | 2018-1054 | <http://www.suncitypropbusters.com>

com

**AUGUST 18, 2018 - SATURDAY** | Fun Fly | 2 Days | Provincial Fun Fly 2018 | SWIFT WINGS RC FLYING CLUB INC | CHASE FIELD IN SKYLINE PARK | Join us for the yearly provincial fun fly at the fabulous Chase Field in Swift Current. Camping available and concessions too. Let's fly, BBQ and have fun in our shared passion. | 2018-1052 | <http://www.smms.org/swiftwings>

**SEPTEMBER 08, 2018 - SATURDAY** | Fun Fly | 2 Days | Hazlet Float Fly | SWIFT WINGS RC FLYING CLUB INC | Hazlet Regional Park | Experience the beautiful Hazlet regional park to get in some float flying and camping before the season wraps up. Fly, BBQ and stay the night with us before the summer ends. | 2018-1051 | <http://www.smms.org/swiftwings>

**SEPTEMBER 22, 2018 - SATURDAY** | Fun Fly | 2 Days | Annual Goose Festival Fun Fly | K-TOWN SKYSCAPERS RC CLUB | AL GOCHOLSKI MEMORIAL RC FIELD | K-Town Skyscrapers RC Club | Annual Goose Festival Fun Fly September 22 & 23, Kindersley SK. Contact Todd Francis at [tfrancis\\_trf@sasktel.net](mailto:tfrancis_trf@sasktel.net) or 306-460-5655 for more details | 2018-1010 |

**SEPTEMBER 22, 2018 - SATURDAY** | Fun Fly | 2 Days | Regina Stunt and Fellowship Weekend | REGINA WINDY FLYERS INC | REGINA WINDY FLYERS | September 22-23, 2018. To be held at the Regina Windy Flyers field. Practise, coaching, fellowship, fly what you bring. Flying starts at 9:00. No entry fee just MAAC/AMA membership required. The following weekend is the rain date. Come a day early or stay a day later. Please let Doug Moisuk know if you are coming so you can be contacted should we have to change plans. The following hotels are near Doug's house. Three blocks away: Days Inn - Regina Airport West tel:1-866-460-7454 Home Inn and Suites - Regina Airport tel:1-844-754-4663 10 blocks away: Travel Lodge tel: 1-306-586-3443 Holiday Inn Express and Suites - South Regina. 1 800-315-2621 Executive Royal Hotel - tel:1-866-460-7454 Doug Moisuk Home: 1-306-584-7730 Cell: 1-306-529-2535 Email: [dmoisuk@accesscomm.ca](mailto:dmoisuk@accesscomm.ca) | 2018-1056 | <http://www.reginawindyflyers.ca>

## SOUTH EAST - L

**MAY 26, 2018 - SATURDAY** | Meeting/Seminar/Clinic | 1 Day | Judges Training Precision Aerobatics | OAKVILLE MFC INC. | CPEW UNION HALL | Zone L Judges Training for Precision Aerobatics. The Morning Session will be held at the CPEW Union Hall. 9:30 till Noon. A verbal presentation and a Power Point slide show will be provided. Break for Lunch. The Afternoon Session will be done at the OMFC Club Field. Directions will be given during lunch. The training will be done with a Pattern Plane flying a sequence with the student judges scoring the flights. | 2018-933 | <http://www.omfc.org>

**JUNE 02, 2018 - SATURDAY** | Competition | 2 Days | Toronto & District Control Line Championships | Balsa Beavers MFC INC. | CENTENNIAL PARK FLYING CIRCLES | June 2/3 2018 Toronto & District Control Line Championships Location: Centennial Park Flying Circles, Centennial Park, Etobicoke Starting time: 8:00 AM Saturdays events: 80 MPH Combat, LA .15 Sport Goodyear Race, Fun Scale, Old Time Scale Sunday's events: F2D FAI Combat, Profile Stunt, MAAC Stunt, Old Time Stunt Contact: Chris Brownhill email: [cbrownhill@sympatico.ca](mailto:cbrownhill@sympatico.ca) | 2018-1022 | <http://www.balsabeavers.com>

**JUNE 02, 2018 - SATURDAY** | Fun Fly | 1 Day | OMFC Electric Fun Fly | OAKVILLE MFC INC. | DRUMQUIN PARK | Location: Drumquin Park (GPS Location: 43-533540, -79.786593) Landing Fee: \$10 (Includes lunch and entry into prize draw) MAAC or AMA membership required to fly. Registration required. Directions: Turn West off Trafalgar Road onto Britannia Road. Turn right into Drumquin Park, just across the road from Terra Garden Center. Parking is located at our flying field. Event details: The Oakville Milton Flying Club is once again holding its annual Electric Fun Fly. Saturday June 2nd, 2018. No rain date is planned for this year's event. Turn off your favorite electric flying contraptions, charge up some batteries and come on out and join us. Pylon and drone racing also planned if sufficient entries. Food and drink included for registrants. Prizes go to lucky pilots. All MAAC/AMA members in good standing are welcome to fly with us. Guests are welcome as spectators. Hope to see you there! Contact: Denis Loo E-mail: [denis.kc.loo@gmail.com](mailto:denis.kc.loo@gmail.com) Cell/Text: (416) 206-4152 | 2018-429 | <http://www.omfc.org>

**JUNE 17, 2018 - SUNDAY** | Air Show/Demo | 1 Day | OMFC Annual Air Show | OAKVILLE MFC INC. | DRUMQUIN PARK | The Oakville/Milton Flying Club will be having its Annual Airshow in support of the Oakville Fareshare Food Bank on Father's Day June 17th, 2018. Donations to the Oakville Fareshare Food Bank in the form of non-perishable foodstuffs or cash are requested in lieu of an admission fee. Make this year's Father's Day a special one filled with beautiful scale models and flying action! The show will be held between the hours of 12:30pm to 3:00pm at the clubs flying field located at Drumquin Park in Milton. Food and drinks will be available. There will be a variety of models performing including war birds, aerobatic planes, gliders and some special surprises. After the show, weather permitting, visitors are invited to fly some of our training planes that will be made available for use under the direction and supervision of club instructors. To get to the flying field from the South take Trafalgar Rd north to Britannia Rb and turn Left at the lights. Proceed West approximately 200 yards to the Drumquin Park entrance on your right (North Side) opposite Terra Garden Center.

From the North take Trafalgar Rd South to Britannia Rd and turn right at the lights. Proceed West approximately 200 yards to Drumquin Park entrance on your right (North Side) opposite Terra Garden Center. The public is asked to make a donation of food or cash for the Fareshare Food Bank by way of admission. Hope to see you there! Contact: Jim Eichenberg Phone: (905)495-2382 E-Mail: jim@virtuhost.com | 2018-431 | http://www.omfc.org

**JUNE 17, 2018 - SUNDAY** | Fun Fly | 1 Day | Glider | OAKWOOD & DISTRICT MODEL FLYING CLUB | FIELD - 1428 ELDON RD OAKWOOD ON | This event is not catered | 2018-839 | http://www.oakwooddistrictmodelflyingclub.ca/

**JUNE 23, 2018 - SATURDAY** | Competition | 2 Days | 11th Annual Gord Silver Memorial Precision Aerobatics Contest | NORTHUMBERLAND ELECTRIC AVIATORS | FIELD - 4986 COUNTY ROAD 65 PORT HOPE | 11th Annual Gord Silver Memorial Precision Aerobatics Contest. All 4 MAAC RC precision Aerobatics classes will be flown, FAI P-19. Awards will be given to 3rd place. Any MAAC legal electric airplane may be flown in Sportsman class. Aircraft will not be weighted. PLEASE NOTE. The local club rule permitting electric powered aircraft only will be in effect. For safety Purposes no flying will be permitted during the Saturday night BBQ. Registration including the Saturday night BBQ and lunch both days is \$40.00. | 2018-996 |

**JUNE 23, 2018 - SATURDAY** | Fun Fly | 1 Day | 60th ANNIVERSARY F/F | PETERBOROUGH R/C CLUB INC. | 596 COUNTY RD 8, DOURO DUMMER | "OUR 60th ANNIVERSARY Fun Fly" by Peterborough Radio Control Model Flying Club will be held at Brown's Field Saturday 0930 June 23/2018, rain date Sun 24. This will be informal flying event featuring historic airplanes, with some competitive challenges staged during the day on a sign in basis. All types of aircraft welcome (no turbines). Lunch will be available. Contact Mel Johnson (mel169@mac.com), or Richard Orr (dorr41@cogeco.ca). †See MAAC website or (www.prcmfc.com) for directions to our club field, 5 km East of Douro, Ont." | 2018-695 | http://www.prcmfc.com

**JUNE 24, 2018 - SUNDAY** | Fun Fly | 1 Day | Scale models | OAKWOOD & DISTRICT MODEL FLYING CLUB | FIELD - 1428 ELDON RD OAKWOOD ON | This event is not catered | 2018-837 | http://www.oakwooddistrictmodelflyingclub.ca/

**JULY 07, 2018 - SATURDAY** | Fun Fly | 1 Day | KAWARTHA LAKES SUMMER FUN FLY | KAWARTHA LAKES RADIO CONTROL FLYING CLUB INC | DIANNE & BARRY TRAYNOR | July 7, 2018 Kawartha Lakes Summer Fun Fly! The Kawartha Lakes RC Flyers invite you to our annual Fun Fly for a day of relaxing flying on our two well-groomed runways located at 571 Pigeon Lake Road, just east of Lindsay. The event will be

held from 10:00 am Saturday with Sunday July 8 as a rain date. Food and refreshments will be available as will several draw prizes. Please bring your MAAC membership. All RC aircraft and helis are welcome. Come out and enjoy the social interaction and flying at our field. Visit kawarthaflyers.com | 2018-951 | http://www.kawarthaflyers.com

**JULY 08, 2018 - SUNDAY** | Fun Fly | 1 Day | Float Fly | OAKWOOD & DISTRICT MODEL FLYING CLUB | Float Flying Location | Event for club members and invited guests. Bring your own lunch and drinks. | 2018-840 | http://www.oakwooddistrictmodelflyingclub.ca/

**JULY 28, 2018 - SATURDAY** | Competition | 2 Days | OMFC Precision Aerobatics Contest | OAKVILLE MFC INC. | DRUMQUIN PARK | Event Address/Directions: Turn West off Trafalgar Road onto Britannia Road. Turn right into Drumquin Park, just across the road from Terra Garden Center. Parking is located at our club flying field. Event details: 2018 Oakville Milton Precision Aerobatics Contest Hosted by the Oakville Milton Flying Club July 28th and 29th 2018. MAAC Sanctioned event involving all Pattern Classes: Sportsman, Intermediate, Advanced, Masters and F.A.I. Pre-registration by mail, phone or email to the C.D. \$30.00 with a letter of intent or \$45.00 on the day of the contest. Send no money. Pay at the contest. Start time 0900 H Saturday. Registration 0700 to 0830 H Saturday. C.D. Jim Eichenberg (905) 849-9721, email: jim@virtuhost.com Ass't. C.D. Brian Anderson (905) 826-3168 email: brian@virtuhost.com Points will be awarded toward the S.E. Zone Championship. Camping is not available at the field. Check with the C.D. for alternate options if you wish to camp. | 2018-430 | http://www.omfc.org

**AUGUST 11, 2018 - SATURDAY** | Fun Fly | 1 Day | Control Line | OAKWOOD & DISTRICT MODEL FLYING CLUB | FIELD - 1428 ELDON RD OAKWOOD ON | This event is not catered, bring your own lunch and drinks. | 2018-838 | http://www.oakwooddistrictmodelflyingclub.ca/

**AUGUST 19, 2018 - SUNDAY** | Fun Fly | 1 Day | Float Fly | OAKWOOD & DISTRICT MODEL FLYING CLUB | Float Flying Location | Club members and invited guests only Please bring your own lunch and drinks. | 2018-841 | http://www.oakwooddistrictmodelflyingclub.ca/

**AUGUST 25, 2018 - SATURDAY** | Fun Fly | 1 Day | OMFC Family Fun Fly | OAKVILLE MFC INC. | DRUMQUIN PARK | All Oakville Milton Flying Club members and family are invited to come out to this annual event. When: Saturday August 25, 2018 (Rain Day Sunday August 26, 2018) Where: OMFC Field - Drumquin Park From: 9:30am to 3:00pm This is your event, weather permitting, so come on out and support your club. Bring your favorite aircraft. All types of models are welcome. Enjoy a great day of flying and fun with your friends and fellow club members. Food and

Drinks will be available. Draw prizes for lucky fliers. See you there. Field Directions: Turn West off Trafalgar Road onto Britannia Road. Turn right into Drumquin Park, just across the road from Terra Garden Center. Contact: Terry Sears Phone: (905) 844-4048 E-Mail: searst7281@gmail.com | 2018-432 | http://www.omfc.org

**AUGUST 25, 2018 - SATURDAY** | Fun Fly | 1 Day | Kawartha Lakes Scale Rally | KAWARTHA LAKES RADIO CONTROL FLYING CLUB INC | DIANNE & BARRY TRAYNOR | August 25, 2018: Saturday Scale Rally The Kawartha Lakes RC Flyers invite you to a Scale RC Rally for a day of relaxing non-competitive flying on our two well-groomed runways located at 571 Pigeon Lake Rd, just east of Lindsay. Entry \$5.00. The event will be held from 10 am to 4pm with Sunday August 26 as a rain date. Bring your own lunch. Please bring your MAAC membership. All scale RC aircraft are welcome. Come out and enjoy the social interaction and flying at our field. Visit Kawarthaflyers.com | 2018-950 | http://www.kawarthaflyers.com

**AUGUST 26, 2018 - SUNDAY** | Fun Fly | 1 Day | Fall BBQ | OAKWOOD & DISTRICT MODEL FLYING CLUB | FIELD - 1428 ELDON RD OAKWOOD ON | Rain date Sunday September 2nd. 2018. Check club web site for cancellation. Visitors are welcome. 50/50 draw. | 2018-842 | http://www.oakwooddistrictmodelflyingclub.ca/

**SEPTEMBER 22, 2018 - SATURDAY** | Competition | 2 Days | Balsa Beavers 61st Anniversary Event | BALSABA BEAVERS MFC INC. | CENTENNIAL PARK FLYING CIRCLES | September 22/23 2018 Balsa Beavers 61st Anniversary Event Location: Centennial Park Flying Circles, Centennial Park, Etobicoke Saturday's events: F2D FAI Combat, Old Time Stunt, Old Time Scale Sunday's events: LA .15 Sport Goodyear Marathon 500 Laps, Fun Fly contact: Chris Brownhill email: cbrownhill@sympatico.ca | 2018-1021 | http://www.balsabeavers.com

## SOUTH WEST - M

**MAY 24, 2018 - THURSDAY** | Display | 1 Day | NORTHDALE PS FUN FAIR | FOREST CITY FLYERS INC. | NORTHDALE CENTRAL PUBLIC SCHOOL FUN FAIR | Northdale Central Public School Annual Fun Fair Special Events, Exotic Animals, Car Show, Games, BBQ RC Static Display, Aircraft, Resource Info, RC Action Videos and RC simulator | 2018-942 | http://www.forestcityflyers.com/

**MAY 26, 2018 - SATURDAY** | Air Show/ Demo | 1 Day | WRCFC Openhouse | WOODSTOCK RADIO CONTROL FLYING CLUB | UPPER THAMES CONSERVATION AUTHORITY | Club open house. General public is invited to come see what the hobby is all about and fly a trainer with one of our

instructors | 2018-692 | <http://woodstockrc.club>

**MAY 26, 2018 - SATURDAY** | Fun Fly | 1 Day | Annual Fun Fly | FOREST LAKESIDE FLYERS | Club Field 5801 PROOF LINE LAMBTON SHORES, ON | Saturday May 26, 2018- Forest Lakeside Flyers Annual Fun Fly at their Proof Line Road club field, west off Hwy #21, approx 4 Km north of Forest Ontario. Refreshments and hot dogs available, no events, no entry fee, great flying site. 450 ft x 400 ft grass field. Flying 9 am til 4 pm. no rain date. Contact: Stuart Schroeder 226-402-4527 | 2018-39 | <http://www.forest-lakeside-flyers.com>

**MAY 31, 2018 - THURSDAY** | Display | 1 Day | LORD NELSON FUN FAIR | FOREST CITY FLYERS INC. | LORD NELSON PUBLIC SCHOOL | LORD NELSON PUBLIC FUN FAIR STATIC DISPLAY & RC SIMULATOR OUTSIDE EVENT GAMES, BBQ AND SPECIAL EVENTS | 2018-1040 | <http://www.forestcityflyers.com/>

**JUNE 08, 2018 - FRIDAY** | Fun Fly | 3 | Days | Forest Jets | FOREST LAKESIDE FLYERS | Club Field 5801 PROOF LINE LAMBTON SHORES, ON | Saturday June 9 and Sunday June 10, 2018- Forest Lakeside Flyers "Forest Jets" event at their club field, west off Hwy #21, on Proof Line Road, approx 4 Km north of Forest Ontario. Flying 9am til 5 pm each day. 450ft x 400ft grass flying field with no set runways. (take off into the wind) Landing Fee: \$20.00 per pilot There will be flying time available on Friday June 8 for first flights and familiarization flights. Food booth on Saturday and Sunday. For more info contact: Brad "Maddog" Metcalf home phone 519-337-7010 cell 905-520-8303 | 2018-40 | <http://www.forest-lakeside-flyers.com>

**JUNE 10, 2018 - SUNDAY** | Fun Fly | 1 Day | New Hamburg RC Club Fun Fly | NEW HAMBURG R/C CLUB | FIELD - 2668 CARMEL-KOCH RD. BADEN ON | The New Hamburg RC Club will be hosting its annual Fun Fly on Sunday June 10 2018 Food and drinks will be available, no events and no fees MAAC required for all pilots | 2018-819 |

**JUNE 16, 2018 - SATURDAY** | Competition | 2 | Days | 4th Annual WRCFC IMAC contest | WOODSTOCK RADIO CONTROL FLYING CLUB | UPPER THAMES CONSERVATION AUTHORITY | June 16-17 2018. Now a full two day contest! Open to all classes . This contest is officially a stop on the Americas Cup and will count for regional points. Registration opens at 08:00. Pilots meeting at 08:45 and wheels up at 09:00 sharp. Contest fee \$25 covers entrance fee. Lunch will be available on site both days. MAAC or AMA Required. Field will be open on Friday for practice. There is no camping on site as the conservation authority we rent from owns the campground 5 minutes down the road. Please contact CD for more information about camping or hotel recommendations. CD Steve Ruxton 519-532-3009 [stevenruxton@gmail.com](mailto:stevenruxton@gmail.com) | 2018-685 | <http://woodstockrc.club>

**JUNE 16, 2018 - SATURDAY** | Fun Fly | 1 Day | SAUGEEN FLYERS FUN FLY 2018 | SAUGEEN R/C FLYERS | FIELD - 1164 SIDEROAD #30 SOUTH BRUCE | The Saugeen R/C Flyers are hosting a fun fly at their flying field. Burgers, fries, pop, for sale. No landing fees. Come see our beautiful field and fly. See our website for more information and directions. [www.saugeenrc.ca](http://www.saugeenrc.ca) | 2018-702 | <http://www.saugeenrc.ca/>

**JULY 07, 2018 - SATURDAY** | Fun Fly | 1 Day | Annual Scale Rally | FOREST LAKESIDE FLYERS | Club Field 5801 PROOF LINE LAMBTON SHORES, ON | Saturday July 7, 2018- Forest Lakeside Flyers Annual Scale Rally at their club field, west off Hwy #21, on the Proof Line Road, approx 4 Km north of Forest Ontario. Refreshments and hot dogs available. Great Flying site, no entry fees, lots of visitors. 450ft x 400ft grass flying site. Flying 9 am til 4 pm. No rain date. Contact: Stuart Schroeder 226-402-4527 | 2018-41 | <http://www.forest-lakeside-flyers.com>

**JULY 08, 2018 - SUNDAY** | Fun Fly | 1 Day | Mac Rowe Memorial Funfly | WOODSTOCK RADIO CONTROL FLYING CLUB | UPPER THAMES CONSERVATION AUTHORITY | Open to all types of flying. Everyone is welcome at the annual WRCFC Mac Rowe Memorial Funfly. Check out our website: <http://woodstockrc.club/> for directions and GPS co-ordinates. | 2018-281 | <http://woodstockrc.club>

**JULY 20, 2018 - FRIDAY** | Fun Fly | 3 | Days | The Wingham Jet Rally | WINGHAM JET CLUB | RICHARD W. LEVAN AIRPORT 40647 AMBERLY RD WINGHAM | Wingham Jet Rally, July 20, 21 and 22, This is the 10 th annual event. Turbine and electric powered model jets are welcome. The pilot registration fee is \$70 this includes a banquet ticket for Saturday night, extra banquet tickets can be purchased for \$20 if you would like to bring another person. There is a food concession run by the local Air Cadets, on Friday, Saturday and Sunday. There is a raffle table with lot's of cool stuff \$5 per ticket, 2018 raffle prizes totaled \$4000. in value. --- Free Camping is available beside the airport. ---There is a mass foamy launch at noon on Saturday. ---There is a small airshow on Saturday noon to 1 PM. ---Awards are given out at the banquet for best jets in several categories. ---Open flying for up to 4 jets in the air all three days. ---Flight line tents can be purchased, The tents are put up on Wednesday July 18th. ---Contact Blair Howkins 416-432-3871 If you have any questions. | 2018-831 |

**JULY 21, 2018 - SATURDAY** | Fun Fly | 1 Day | Chatham Aeronauts Fun Fly | CHATHAM AERONAUTS | PETER NEUFELD | One day fun fly at the Aeronauts home field. If it flies, bring it out. We'll have a few contests/events running throughout the day and inexpensive lunch will be available at the field. | 2018-1036 | <http://www.chathamaeronauts.com/>

**AUGUST 04, 2018 - SATURDAY** | Fun Fly | 1 Day | Bluewater RC Flyers Scale Rally | BLUEWATER R/C FLYERS | FIELD - 2590 PETROLIA LINE | The Bluewater RC Flyers are hosting their 41st annual Scale Rally at the club field on 2590 Petrolia Line. This will be a one day event with flying starting at 9 am until 4 pm with a trophy to be presented to the best flying scale aircraft. There will be breakfast and lunch available along with camping on site with no hook ups. The event is open to scale models of any size and construction including helicopters and jets. Donations of non perishable goods will be accepted for the Inn of the Good Shepherd in Sarnia. Open to all MAAC members. For more information contact Art Shepherd at 519-882-1227 or email [shepherd1@bell.net](mailto:shepherd1@bell.net) or check our website at [bluewatercrrflyers.com](http://www.bluewatercrrflyers.com) | 2018-883 | <http://www.bluewatercrrflyers.com/>

**AUGUST 04, 2018 - SATURDAY** | Fun Fly | 1 Day | 41st Memorial Scale Rally | BLUEWATER R/C FLYERS | FIELD - 2590 PETROLIA LINE | Bluewater RC Flyers of Sarnia are pleased to announce that they will be holding the Annual Memorial Scale Rally at the club field on Petrolia Line just East of Plank road on the North side. All scale flyers are welcome including Jets and Choppers. Come along and fly from our great grass field and although it is only one day, camp overnight Friday and Saturday for some really relaxed flying on Sunday. | 2018-906 | <http://www.bluewatercrrflyers.com/>

**AUGUST 11, 2018 - SATURDAY** | Fun Fly | 1 Day | Forest City Fun Fly | FOREST CITY FLYERS INC. | FORD TRI-MOTOR FIELD | Event is free. Open flying for the day. Food and beverages will be available. (Sorry no Jets) | 2018-907 | <http://www.forestcityflyers.com/>

**AUGUST 16, 2018 - THURSDAY** | Fun Fly | 4 | Days | Sky Harbour and Southwest Zone Camp & Fly | SKY HARBOUR MODELERS | Goderich Municipal Airport | The Sky Harbour RC Airshow is pleased to announce that we will be hosting the Southwest Zone - Camp and Fly at the Sky Harbour Airport in Goderich again. Fly from the 3000' long by 50' wide paved runway or a grass strip. "ALL MAAC FLYERS ARE WELCOME TO ATTEND THIS EVENT", regardless of zone. Turbine powered models welcomed. Over 500 spectators attend this event each year. The runway and terminal apron will be closed to full-scale traffic.. A candy drop along with kids' prizes will take place Saturday and Sunday. Thursday August 16th and Friday August 17th will be setup and test flights from 9am till dusk. The model airshow and fun fly will take place on Saturday August 18th from 9am till 5pm and Sunday August 19th from 9am till 3pm. Open flying times except for the air show which goes Saturday and Sunday from noon till 1pm. Food available on site Saturday and Sunday to purchase. With lots of hotels in the area Free overnight camping on site (no hookups). Overnight hangar storage is available. Registration fee for all pilots is, 4

days = \$35, 2 days = \$25, 1 day \$15 To register for the event there will be more information to come shortly. For event information, contact skyharbourrc@gmail.com This is going to be a great summer weekend of flying at a fantastic site and an event that the whole family can enjoy in a beautiful and historic beach town. Hope to see you there! SKY HARBOUR MODELERS Date: August 16, 2017 to August 19, 2017 | 2018-911 | <http://facebook.com/skyharbourrc>

**AUGUST 25, 2018 - SATURDAY** | Fun Fly | 1 Day | Pre-Labour day weekend fun fly | LONDON MODEL AIRCRAFT CLUB | FIELD - 2150 RIVER ROAD LONDON | All fliers welcome fixed wing and Heli Free registration, a draw for registered pilots only ...a selection of prizes Food will be available for a small fee | 2018-924 | <http://www.LMAC.ca>

**SEPTEMBER 15, 2018 - SATURDAY** | Fun Fly | 1 Day | Strathroy Flying Farmers Float Fly | STRATHROY FLYING FARMERS R/C | PARKHILL CONSERVATION AREA 32910 CENTRE RD PARKHILL ON | Strathroy Flying Farmers Float fly, September 15th, wind/rain cancellation date August 16th, from 9am to 2pm, sponsored by the Strathroy Flying Farmers. The Parkhill Conservation Lake is located at the north end of Parkhill off Highway #81. Signs will be in place directing flyers to the site. Splash down fee for participating flyers of \$10 includes lunch. Food and drinks available, on site. There is plenty of parking and area to set up sun shades. Event contacts Bob May @ 519-471-2964 or Paul Neely @ 519-641-4045." | 2018-419 | <http://sites.google.com/site/sffrcplaneclub>

**SEPTEMBER 20, 2018 - THURSDAY** | Fun Fly | 4 Days | ThunderThrust Over Chatham Kent Jet Rally | SOUTH WEST ONTARIO ZONE | C-K MUNICIPAL AIRPORT 8528 FOURTEENTH LINE RR2 MERLIN | Jet Rally - ThunderThrust over Chatham-Kent Municipal Airport Four days of pure fun. If you love jets and turbines this is a must attend event, you will not be disappointed. Turboprops and electric ducted fans are welcomed. Group dinners are planned for Thursday, Friday and Saturday. Trophies and prize table will be held at Saturday's dinner. Hope to see you there. | 2018-851 |

**OCTOBER 14, 2018 - SUNDAY** | Swap Shop | 1 Day | LMAC 30th Annual Swap Meet | LONDON MODEL AIRCRAFT CLUB | Carling Heights Community Centre | London Model Aircraft Club 30th Annual Swap meet Oct. 14 9:00 am to 2:00 pm Vendor check-in 7:00 am to 9:00 am Doors open to visitors at 9:00 am Tables \$25.00 visitor \$6.00 | 2018-915 | <http://www.LMAC.ca>

### Nord de l'Ontario (F) *suite de la page 33*

Lorsque je m'attaque à des réparations, je dispose d'abord la maquette endommagée de façon à en rassembler les éléments originaux et je répare la portion de l'avion qui facilitera par la suite l'alignement. Parfois, les ailes sont difficiles à réparer, si bien que je débute au centre (si cette section est endommagée) et je m'étends ensuite vers le saumon d'aile. Une fois ce travail réalisé, les réparations progresseront assez rapidement puisque vous réparerez les nervures (ribs) endommagées.

Si votre maquette comporte des pièces de styromousse, assurez-vous que vos colles ne les détruiront pas. Les colles blanche, sécuritaires pour la mousse ou à base de solvant, conviendront à la mousse. Au préalable, tentez une expérience sur une retaille de sorte à en assurer la compatibilité.

Aussi, si vous essayez des colles instantanées pour la première fois, lisez attentivement les instructions. Tenir à l'écart des enfants et ne collez pas des pans de peau; attention aussi aux réactions allergiques et à tout dommage aux yeux.

Vérifiez l'alignement afin de recoller les composantes pour de bon et assurez-vous de ne pas avoir créé de vrillage qui nuirait à la performance. Aussi, revérifiez les angles de poussée et d'incidence; vous voulez que votre maquette vole de la même façon, une fois reconstruite.

Pilotez des maquettes réparées avec soin et – dans le cas des maquettes de vol circulaire – tirez fermement sur les filins de sorte à vous assurer que le système de contrôle pourra encaisser les forces G et centrifuges de la maquette en vol.

Aussi, n'ajoutez pas trop de poids pendant les réparations. Ne renforcez pas inutilement les longerons (spars) et les bords d'attaque (leading edges).

Les lois de la physique vous ramèneront à la réalité, mais si elles n'étaient pas au rendez-vous... nous aurions alors intérêt à nous mettre au soccer plutôt que de lancer des avions en l'air! ✈

### Manitoba

*suite de la page 17*

(traduction)

En provenance de l'article de journal :  
*Grand titre – Des mini-ailes – plusieurs événements mettront en vedette un rassemblement de maquettes d'avions*

*Les avions miniatures – et parfois pas si diminutifs – planeront aisément dans les cieux le samedi après-midi lors du rassemblement Jimmy Allen Model Aircraft Meet, que commandite la Model Aircraft League of Manitoba, au parc River.*

*Dès 14 h, le conseil Fred G. Thompson (maire suppléant en l'absence du maire John Queen) inaugurerait l'événement en lançant la première maquette.*

*Les inscriptions seront nombreuses puisqu'il y a des catégories pour les jeunes, novices, juniors, aînés, adultes et même les filles. Le gagnant ou la gagnante, dont le nom sera dévoilé à 16h30, recevra un élégant trophée d'argent tandis qu'une montre en or est réservée à la deuxième place.*

*Les officiels et les concurrents se rassembleront au terrain de vol à 13h30 afin d'être fin prêts avant l'arrivée de l'imposante foule de spectateurs qui est attendue.*

(Traduction libre)

Ce que je trouve intéressant, c'est que des modélistes assemblaient des kits en 1930 et peut-être même auparavant. Je me demande si d'autres tels organismes existaient dans les autres provinces au cours des années 1930?

J'ai récemment entendu dire que bien que la MALM n'existe plus, son esprit se perpétue en le MAAC Men Club, le groupe de pilotes de planeurs de Winnipeg; ce sont des descendants directs de la Model Aircraft League of Manitoba. Le nom inhabituel de ce club s'explique si on comprend que les hommes de l'époque (de la MALM) ont migré vers le nouvel organisme national, le MAAC.

Veillez m'envoyer un message si vous possédez d'autres renseignements. Les gens s'adonnent à l'aéromodélisme depuis très, très longtemps.

Voici un beau lien afin d'obtenir de plus amples renseignements sur les maquettes Jimmie Allen :

[http://www.antiqueairfield.com/flyins/2013/jimmie\\_allen\\_model\\_airplanes.html](http://www.antiqueairfield.com/flyins/2013/jimmie_allen_model_airplanes.html). ✈

côté d'un group consultatif; ses membres ne feront pas nécessairement partie du comité proprement dit mais ils cumulent beaucoup d'expérience et maîtrisent déjà les éléments propres à la construction et au vol de grosses maquettes.

Notre groupe ne s'arrêtera pas uniquement à la construction et au vol de grosses maquettes; nous aurons besoin de la rétroaction des modélistes afin de traiter d'équipement particulier comme les démarreurs et autres pièces nécessaires sur le terrain. Encore plus important, nous avons besoin de renseignements sur le choix des servos et des moteurs, enfin tout ce qui convient à notre groupe d'intérêt.

### SUR MON ÉTABLI

Personnellement, j'ai été occupé au cours de l'hiver. J'ai assemblée le Waco YMF5 à l'échelle ¼ du fabricant Phoenix Models. Je ne l'ai pas encore fait voler en raison de la météo mais je peux vous assurer qu'il s'agit d'une belle réplique d'un coucou de l'âge d'or de l'aviation. Je l'ai motorisé à l'aide du bicylindre NGH de 70 c.c., ce qui devrait lui conférer amplement de puissance. J'ai aussi assemblé le T-28 de deux mètres (d'E-Flite Carbon Z) et je lui ai donné l'allure que promulguait Rich Uravich (Model Airplane News, décembre 2017).

Que cet avion passe de la livrée rouge et blanc des avions de formation à du

camouflage propre à l'époque du Vietnam, le résultat est fantastique. Une fois de plus, je n'ai pas eu l'occasion de faire voler cet appareil.

Histoire de me tenir occupé (je suis à la retraite), je suis en train de construire un de Havilland Mosquito de 101 pouces (jeu de plans Cleveland). Je vous transmettrai de plus amples renseignements à mesure que je progresse en cours d'année.

Rappelez-vous : si vous voulez proposer des articles, des comptes-rendus de rassemblement ou des suggestions, veuillez communiquer avec moi et nous assurerons ensemble la bonne santé de notre groupe d'intérêt. ✈

### vol par immersion

suite de la page 44

Ryan Stephan agira à titre de gérant d'équipe et d'organisateur; le Comité de la FAI du MAAC appuie aussi cette initiative.

### LIGNES DIRECTRICES EN MATIÈRE DE SÉCURITÉ

Aux autres nouvelles, le MAAC est à mettre à jour les documents ayant trait à la sécurité afin de concentrer sur sa mission fondamentale; assurez-vous de consulter les documents courants. Cela signifie qu'il y a beaucoup moins de référence aux documents réglementaires externes, mais cela ne signifie pas que

les règlements ne s'appliquent pas... tout juste que nos documents portent dorénavant sur la responsabilité personnelle.

Assurez-vous de consulter les règlements locaux, provinciaux et canadiens et pilotez de façon responsable. Signe que l'intégration du vol par immersion est davantage acceptée, les modifications apportées au Code de sécurité du MAAC font en sorte que les paramètres axés précisément sur le vol par immersion cèdent la place davantage aux principes de gros bon sens et de la gestion du risque. ✈

### Sud Est de l'Ontario (L)

suite de la page 27

possibilités et les ramifications d'intégration des activités d'hélicoptères et de multirotors (drones) au sein des clubs actuels.

Plusieurs participants ont offert des points de vue aussi passionnés que candides et bien que tout le monde était d'avis qu'il faille attirer des plus jeunes au sein de notre passe-temps afin d'en assurer la survie à plus longue échéance, plusieurs participants pensaient que les bénéfices seraient plus immédiats si on se tournait vers de nouveaux membres d'âge mûr, ceux-là mêmes qui ont plus de moyens et de temps à offrir au passe-temps.

Les autres sujets de discussion ont porté sur la façon dont le MAAC peut mieux répondre aux besoins des membres, sur la localisation des terrains de vol, la création de nouveaux clubs, l'incorporation des pages Web, davantage de renseignements à propos des clubs sur le site Web du MAAC, de même que le besoin de voir le MAAC adopter une position d'arbitre lors de différends entre clubs.

Comme je l'ai mentionné, nous sommes en train de préparer un rapport qui sera transmis aux présidents des clubs de la zone L. Une fois que nous aurons analysé les données et que nous aurons atteint un concensus, nous en ferons part au Conseil de direction et à l'exécutif ainsi que dans un rapport de la zone L (dans un prochain numéro de Model Aviation Canada).

Jim Eichenberg et Michael Rogozinsky se sont rendus à plusieurs réunions de la zone L pour diverses raisons. Ils ont déclaré que cette rencontre-ci était la plus positive et productive des dernières années. Avec un peu de chance, ces efforts donneront lieu à davantage de membres, une meilleure communication et les membres pourront mieux profiter de notre passe-temps. ✈

### Vol intérieur RC

suite de la page 60

D. pour sa vente enthousiaste de billets et à Mark Clark et au Club Lions pour l'utilisation des tables.

« Le rassemblement Valley Gathering marque la fin de notre saison de vol intérieur qui compte habituellement une séance de trois heures par semaine en cet endroit, à compter du mois d'octobre. Merci à l'appui des entités suivantes : Great Hobbies, Maritime Hobbies and Crafts, Mighty Small Cars ainsi qu'au MAAC. Beau succès et ça rapport à nous tous. » ✈



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### Racontez-nous une histoire!

Nous recherchons quelques bonnes idées et des histoires sensationnelles.

Les articles proprement dit devraient compter environ 475 mots et comporter de 4 à 6 photos.

Les profils de maquettes devraient compter environ 300 mots et comporter de 4 à 6 photos.

**Mervyn John Blizzard #84251  
1943-2018**

After retiring from an electronic engineering career in 2011 the Blizzards moved from British Columbia to Chesterville, Ontario, and became interested in model flying. Electric powered planes became his favorite as he explored the hobby as a member in the Stetson Flyers in Ottawa.

In 2013 Merv moved closer to Cornwall and joined the Cornwall Aeromodellers Club. Merv was a great mentor in helping members sort out radio programming and electric propulsion set-up. Merv was also the brain who designed and installed the club's solar charging station which turned out to be one of the Club's most appreciated asset.

Mervin was a quiet friendly guy. Although he always spoke what was on his mind he never liked to argue with anyone. He was very active in helping at Fun Flies, Float Flies, Mall Shows, and all the other events held by the club. He never missed a meeting and he was willing to be helpful in any situation and offered to share whatever he had.

He will be sadly missed by all the members.



## Les lignes directrices des histoires

*suite de la page 28*

d'importants évènements de zone. Ce serait facile de tomber dans le piège de la narration «X nombre de personnes se sont présentées; nous avons dégusté un repas-partage au terrain; les conditions étaient trop venteuses pour certains pilotes; nous avons beaucoup ri; certains pilotes ont récupéré leur appareil en pièces détachées; jetez un coup d'œil aux photos.»

Sans l'ombre d'un doute, ces comptes-rendus comporteront beaucoup de photos, mais quelques centaines de mots lui conféreront une saveur particulière. Recherchez le côté spécial du rassemblement. Peut-être s'agissait-il d'une épreuve qui a mis les participants à l'épreuve, un thème pour maquettes comme les coucous de guerre ou des biplans... ou encore, vous pourriez nous parler des meilleures maquettes et des pilotes qui étaient au rendez-vous.

## RAPPORTS DE CONCOURS

Si vous voulez soumettre un rapport de concours, rappelez-vous qu'en général, notre lectorat ne connaîtra pas la différence entre les catégories F3A et FiD sans que les questions fusent.

Le reportage de Peter Cook sur la Coupe Can-Am d'astromodélisme (en page 40) est un superbe exemple d'un compte-rendu de concours qui est accessible auprès du modéliste moyen. Les épreuves sont expliquées en termes simples et il a été franchement question des forces et faiblesses de l'équipe. Ce qu'évite ce compte-rendu, c'est une description – ronde par ronde – des épreuves. Certainement, certains tels reportages vont s'appuyer sur une description chronologique du concours; mais ce reportage de la Can-Am bénéficie de la mise en vedette de plusieurs maquettes et épreuves.

Ce reportage de la Coupe Can-Am compte environ 2 000 mots

et comporte sept (7) photos. Une plus grande sélection de photos aurait pu être utilisée.

## ARTICLES DE CONSTRUCTION

Nous aimerions offrir des articles de construction assez souvent ou des reportages qui traitent de techniques de construction ou de finition. Le même principe s'applique : nous voulons savoir pourquoi quelqu'un veut utiliser une technique ou ce que vous en retirez, personnellement.

Le reportage de Carl Layden sur la façon de personnaliser une maquette presque prête à voler (ARF) (en page 34), voilà un bon exemple de trouver l'inspiration et de partager des façons de s'engager plus résolument au sein de notre passe-temps. Vous noterez que Carl donne le ton immédiatement en déclarant tout haut que les ARF se ressemblent tous. Ce reportage aurait pu devenir un article de construction ou un survol des nombreuses techniques spécialisées en modélisme.

Cette contribution de Carl compte 2 000 mots (et 11 photos), certaines photos servant vraiment à mettre en vedette la présentation. En fait, nous avons demandé à Carl de prendre quelques-unes de ces photos.

## ÉDITION FINALE

Si vous vous inquiétez de ne pas être un rédacteur ou une rédactrice de talent, n'ayez pas peur. Je suis ici afin de faire de l'édition et il me fera plaisir de transformer une première ébauche en quelque chose de potable pour nos pages. De l'ajout de points en style télégraphique (bullet points) à simplifier du texte un peu trop complexe, vous devriez profiter de mon savoir-faire en édition et vos textes s'en porteront très bien. Personne n'est un bon éditeur de son propre travail. ✈

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### P-51D Mustang 1.2m

- Available PNP or BNF
- Includes 40A ESC Motor
- Float set INCLUDED!
- BNF Version features ASX3



Wingspan: 59in · Wing Area: 557sq in · Length: 43.3in

EFL5350 — Maule M-7 BNF Basic w/ASX3/SAFE Select  
EFL5375 — Maule M-7 PNP (no Rx)



### P-51D Mustang 1.2m

- Available in PNP or BNF
- High-Power 3-4S LiPo compatible brushless motor and ESC
- 6-channel control with 6 servos installed



Wingspan: 48in · Length: 41.9in · Weight: 1530g

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EFL8975 — P-51D Mustang 1.2m PNP

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